From: Forward, Robin Wade

To: Forsberg, Sara L.

Cc: Garner, David P.; Bengtson, David; "derrick@braatenlawfirm.com"; Joshua A. Swanson; MPL.LSS Team 2;

Knutson, Amy N., Jenn Kaiser

**Subject:** NDIC Case No. 30604

Date:Tuesday, June 4, 2024 6:27:26 PMAttachments:Exhibit A to Forward Declaration.pdfExhibit B to Forward Declaration.pdf

Declaration in Opposition to Applicants" Motion to Exclude.pdf

Exhibit C to Forward Declaration.pdf

\*\*\*\*\* **CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe. \*\*\*\*\*

Ms. Forsberg,

On behalf of Continental Resources, Inc., attached for filing in NDIC Case No. 30604 is a declaration in opposition to Applicants' motion to exclude and three exhibits.

Thank you.

#### **Robin Wade Forward**

Partner

#### STINSON LLP

424 South Third Street, Suite 206

Bismarck, ND 58504

Direct: 701.221.8603 \ Mobile: 701.426.9365 \ Bio

Assistant: MPL.LSSTeam2@stinson.com \ 612.335.1966

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# BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS. MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, ROBERT "BOB" FULWILER, MCTAN HOLDINGS, LP, TEJON EXPLORATION, INC., RANDA K. UPP, AND DAVID HALBERT, TO CONSIDER THE ALLOCATION OF PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT CONSISTING OF SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2. TOWNSHIP 146 NORTH, RANGE 96 WEST. DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No. 30604

## DECLARATION OF ROBIN WADE FORWARD IN OPPOSITION TO APPLICANTS' MOTION TO EXCLUDE WITNESS TESTIMONY AND EXHIBITS

[¶1] I am one of the attorneys of record representing Continental Resources, Inc. in this case and I make this declaration based on personal knowledge, and on information and belief.

[¶2] Attached and incorporated hereto as Exhibit A is a true and accurate copy of an email exchange between Applicants' attorney and an attorney for Continental Resources, Inc. on Friday, May 31, 2024, in which Continental Resources, Inc. offered to resolve Applicants' discovery dispute by exchanging hearing exhibits and lists of hearing witnesses on June 3. Applicants' attorney turned down the offer and instead, later filed Applicants' motion to exclude with the Commission.

 $[\P 3]$ At no time has Applicants' attorney conferred or, to my knowledge, attempted to confer by

phone or in person with Continental Resources, Inc.'s attorneys regarding the discovery dispute

described in Applicants' motion to exclude as is required prior to filing the motion under the North

Dakota Supreme Court's recent decision in Meuchel v. Red Trail Energy, LLC, 2024 ND 44, ¶ 27,

4 N.W.3d 203 ("Good faith conferral or attempts to confer generally require more than mere

demand letters or emails. Conferring requires a party actually communicate by phone or in person,

or at least sincerely attempt to do so.").

Attached and incorporated hereto as Exhibit B is a true and accurate copy of Continental [¶4]

Resources, Inc.'s Responses to Petitioners' Interrogatories and Requests For Production of

Documents, which were served on Applicants' attorney by email on May 30, 2024, at 3:32 p.m.

Attached and incorporated hereto as Exhibit C is a true and accurate copy of Continental [¶5]

Resources, Inc.'s Supplemental Responses to Petitioners' Interrogatories and Requests For

Production of Documents, which were served on Applicants' attorney by email on June 4, 2024,

at 12:08 p.m.

[¶6] I declare, under penalty of perjury under the law of North Dakota, that the foregoing is true

and correct.

[¶7] I affix my electronic signature on the date written below while in Bismarck, North Dakota.

June 4, 2024

By: /s/ Robin Wade Forward

Robin Wade Forward (ND #05324)

STINSON LLP

424 South Third Street, Suite 206

Bismarck, ND 58504

Telephone: 701.221.8600

E-mail: rob.forward@stinson.com

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### **CERTIFICATE OF SERVICE**

The undersigned certifies that a true and correct copy of the foregoing has been served via email, in the above-captioned matter on this 4th day of June, 2024, along with Exhibits A, B, and C, as follows:

Joshua A. Swanson Vogel Law Firm 218 NP Avenue P.O. Box 1389 Fargo, ND 58107-1389 jswanson@vogellaw.com Attorney for Petitioners

/s/ Robin Wade Forward

Robin Wade Forward

#### NDIC CASE NO. 30604

#### **EXHIBIT A TO FORWARD DECLARATION**

From: "Joshua A. Swanson" < jswanson@vogellaw.com>

Date: May 31, 2024 at 7:40:10 PM CDT

To: "Bengtson, David" < david.bengtson@stinson.com >

Subject: Re: NDIC Case No. 30604

#### **External Email – Use Caution**

Hey David. While I appreciate the response, Andress Sandefer has complied with its obligations under the ND Rules of Civil Procedure in responding to Continental's discovery requests. Respectfully, Continental has not done the same. As noted in my email, while Continental's responses are deficient, if you are going to supplement them, I ask that Continental does so immediately so I can prepare and review before 5:00p on Monday, which gives me less than a single business day to review before the hearing. Thanks,

Josh

On May 31, 2024, at 4:47 PM, Bengtson, David <a href="mailto:david.bengtson@stinson.com">david.bengtson@stinson.com</a>> wrote:

Josh,

In an effort to resolve your objections to our discovery responses, we are willing to stipulate that both Applicants and Continental will exchange hearing witness lists and hearing exhibits by 5:00 on Monday, June 3.

Please call if you would like to discuss.

David

David E. Bengtson

Partner

STINSON LLP

1625 N. Waterfront Parkway, Suite 300

Wichita, KS 67206-6620

Direct: 316.268.7943 \ Mobile: 316.253.7680 \ Bio

Assistant: WIC.LSSTeam@stinson.com \ 316.268.7987

### OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS. MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, ROBERT "BOB" FULWILER, MCTAN HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT, TO CONSIDER THE ALLOCATION OF PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT CONSISTING OF SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2, TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

CONTINENTAL RESOURCES, INC.'S
RESPONSES TO PETITIONERS'
INTERROGATORIES AND
REQUESTS FOR PRODUCTION OF
DOCUMENTS

Continental Resources, Inc. ("Continental") responds to Petitioners' Interrogatories and Requests for Production of Documents to Continental Resources, Inc. (the "Discovery Requests") as follows:

#### **INTERROGATORIES**

1. Identify by name and address all persons contributing information or assisting in answering these Discovery Requests.

**RESPONSE:** Objection: This interrogatory seeks information that is protected from discovery by the attorney work product doctrine and also is overbroad as to "all persons." Without waiving the objection, the following individuals assisted in preparing responses to these discovery requests: David Bengtson, Jenn Kaiser, Rob Forward, TeJay Botchlet, Sarah Hale, and Mark Oekerman.

- 2. Identify all fact witnesses, including their address and employer, that you intend to call at the hearing set in this matter, currently scheduled for June 5, 2024.
  - a. For each fact witness, identify the subject matter of their expected testimony as related to Petitioners' claim, or Continental's defenses to Petitioners' claim; and
  - b. Identify any exhibits, reports, or other demonstrative materials you will be offering, and/or relying upon, during their testimony.

RESPONSE: Objection: This interrogatory seeks information that is protected from discovery by the attorney work product doctrine. Moreover, Continental is not required to provide information during discovery about any non-expert witnesses. "Ordinarily...discovery is not the stage of litigation at which a party identifies its prospective witnesses." Brock v. R.J. Auto Parts and Service, Inc., 864 F.2d 677, 679 (10th Cir. 1988); see Brennan v. Engineered Products, Inc., 506 F.2d 299, 303 n. 2 (8th Cir. 1974); Wirtz v. Continental Finance & Loan Co., 326 F.2d 561, 564 (5th Cir. 1964). If witnesses are to be identified prior to hearing, a pretrial conference is the appropriate time to address this issue. See id. at 679; 304; 564. In this case, the Commission has not entered a pre-hearing scheduling order requiring the parties to identify their witnesses prior to the hearing.

- 3. Identify by name, address, employer, and field of expertise, each and every person whom you expect to call as an expert witness at the June 5, 2024 hearing set in this matter, and:
  - a. state the subject matter upon which each such expert is expected to testify;
  - b. the substance of the facts and opinions to which each such expert is expected to testify;
  - c. a summary of the grounds for each such expert's opinion;

- d. a complete resume of each such expert's educational and employment background, together with a list of any articles or published works which such expert has authored; and
- e. and whether or not said expert has prepared a written report.

**RESPONSE:** Continental may call the following witnesses to testify at the hearing in this case and who may offer expert testimony:

TeJay Botchlet; Land Supervisor, Bakken North; Continental Resources, Inc.; Petroleum Land and Regulatory. Mr. Botchlet may offer expert testimony at the hearing regarding the following subjects: the history of the spacing, pooling and development of the Oakdale Field and the Oakdale-Bakken Pool, including the spacing and pooling cases that have been involved in that development; the Applicants inaction and delay in seeking the relief sought in their Application; the interpretation and application of applicable the pooling and spacing orders; the impact and effects of the relief requested by Applicants in this case, including the relief not requested by Applicants; and how operators other than Continental allocate or do not allocate production from lease line wells in overlapping spacing units. Mr. Botchlet has not prepared a written expert report.

Sarah Hale; Resource Development Manager – Williston Basin; Continental Resources, Inc., Petroleum Reservoir Engineering. Ms. Hale may offer expert testimony at the hearing regarding the following subjects: the development of the Overlapping Spacing Unit, the Underlying Spacing Unit and the other spacing units in the Oakdale Field; the

production from and performance of the wells in the Overlapping Spacing Unit, the Underlying Spacing Unit and the Oakdale Field; the absence of any impact on the wells in the Underlying Spacing Unit from the wells in the Overlapping Spacing Unit; and that the allocation of production from the section-line wells to the land within the Overlapping Spacing Unit, and not to the Underlying Spacing Unit, is a fair and equitable allocation of production from those wells. Ms. Hale has not prepared a written expert report.

Mark Oekerman; Director, Exploration & Subsurface Performance; Continental Resources, Inc., Petroleum Geology. Mr. Oekerman may offer expert testimony at the hearing regarding his understanding and interpretation of the subsurface geology and structures in the Oakdale Field and the impact and effect on the production from the wells drilled in and producing from that field.

The exact nature and scope of the testimony of those witnesses at the hearing has not been finalized and Continental reserves the right for each of those witnesses to testify as to such other and further matters within their respective areas of expertise and relevant to allegations in the Application. Continental further reserves the right for those witnesses, or other witnesses, to testify as to any and all other matters in response to evidence introduced by Applicants at the hearing.

4. Identify and describe any and all facts, documents, or communications supporting your claim that production from the Overlapping Spacing Unit does not interfere with or impact

production from the Underlying Spacing Unit.

**RESPONSE:** At this time, Continental believes that the following facts support the

conclusion that production from lease-line wells in the Overlapping Spacing Unit has not

interfered with or impacted production from the wells in the Underlying Spacing Unit:

the timing of drilling wells in the Overlapping Spacing Unit and in the Underlying Spacing

Unit, the producing formations in those wells, the distance between wells, and the

volumes of oil and gas produced from those wells over time. Continental reserves the

right to rely on other and additional facts to support that conclusion at the hearing in this

matter.

5. Identify and describe any and all facts, documents, or communications supporting your claim that production from the section line wells at issue, the Carson Peak 4-35HSL well (NDIC #35272) and Whitman FIU 13-34HSL1 well (NDIC #38533), do not interfere with or impact production from the other wells in the Underlying Spacing Unit.

RESPONSE:

See Continental's response to Interrogatory No. 4, above.

#### REQUESTS FOR PRODUCTION OF DOCUMENTS

1. Any and all documents identified in your Answers to Interrogatories, which constitute or contain matters within the scope of Rule 34 and which are in your possession, custody, or control.

**RESPONSE:** No documents were specifically referred to and identified in Continental's answers to Interrogatory Nos. 3, 4 & 5, above.

Any and all exhibits, materials, or documents that you intend to offer as evidence, or otherwise offer for the Commission's consideration, at the June 5, 2024, hearing.

Objection: This requests seeks information that is protected from RESPONSE: discovery by the attorney work product doctrine. In addition, the request is premature because Continental has not yet finalized the exhibits, materials or documents that it intends to offer as evidence at the hearing in this matter.

3. Any and all documents identified in your response to Interrogatory No. 2.

RESPONSE: None

4. Any and all documents identified in your response to Interrogatory No. 3.

RESPONSE: None

Any and all reports prepared by an expert witness that you intend to offer as evidence, or otherwise offer for the Commission's consideration, at the June 5, 2024 hearing.

RESPONSE: None

6. Any documents identified in your response to Interrogatory No. 4.

RESPONSE: No documents were identified in Continental's response.

7. Any documents identified in your response to Interrogatory No .5.

No documents were identified in Continental's response. RESPONSE:

Dated this 29th day of May, 2024.

/s/ David E. Bengtson

David E. Bengtson (#08486)

STINSON LLP

1625 N. Waterfront Parkway, Suite 300 Wichita, KS 67206 david.bengtson@stinson.com Telephone 316.265.8800

Robin Wade Forward (#05324) **STINSON LLP** 424 South Third Street, Suite 206 Bismarck, ND 58504 rob.forward@stinson.com Telephone 701.221.8603

ATTORNEYS FOR CONTINENTAL RESOURCES, INC.

#### **CERTIFICATE OF SERVICE**

The undersigned certifies that a true and correct copy of the foregoing Continental Resources, Inc.'s Responses to Petitioners' First Set of Interrogatories and Requests for Production of Documents was served via electronic mail, in the above-captioned matter on this 29th day of May, 2024 as follows:

Joshua A. Swanson Vogel Law Firm 218 NP Avenue P.O. Box 1389 Fargo, ND 58107-1389 jswanson@vogellaw.com Attorney for Applicants

/s/ David E. Bengtson
David E. Bengtson

## BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

**THURMON** APPLICATION OF ANDRESS. MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, ROBERT "BOB" FULWILER, MCTAN HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT, TO CONSIDER THE ALLOCATION OF PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT CONSISTING OF SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2, TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE **OAKDALE FIELD** 

Case No. 30604

CONTINENTAL RESOURCES, INC.'S
SUPPLEMENTAL RESPONSES TO
PETITIONERS'
INTERROGATORIES AND
REQUESTS FOR PRODUCTION OF
DOCUMENTS

Continental Resources, Inc. ("Continental") responds to Petitioners' Interrogatories and Requests for Production of Documents to Continental Resources, Inc. (the "Discovery Requests") as set forth herein. These responses are limited to relief requested by Applicants in their Application in this matter and the definition of Underlying Spacing Unit. These responses are made subject to and without waiving Continental's pending motion to limit scope of hearing to issues and relief requested in the Application. Continental specifically reserves the right to introduce such other and further evidence at the hearing in this matter should that motion be denied in whole or in part.

#### **INTERROGATORIES**

1. Identify by name and address all persons contributing information or assisting in answering these Discovery Requests.

RESPONSE: Objection: This interrogatory seeks information that is protected from discovery by the attorney work product doctrine and also is overbroad as to "all persons." Without waiving the objection, the following individuals assisted in preparing responses to these discovery requests: David Bengtson, Jenn Kaiser, Rob Forward, TeJay Botchlet, Sarah Hale, and Mark Oekerman.

- 2. Identify all fact witnesses, including their address and employer, that you intend to call at the hearing set in this matter, currently scheduled for June 5, 2024.
  - a. For each fact witness, identify the subject matter of their expected testimony as related to Petitioners' claim, or Continental's defenses to Petitioners' claim; and
  - b. Identify any exhibits, reports, or other demonstrative materials you will be offering, and/or relying upon, during their testimony.

RESPONSE: Objection: This interrogatory seeks information that is protected from discovery by the attorney work product doctrine as the selection of witnesses who may testify at hearing discloses the mental processes of counsel. This interrogatory does not ask Continental to identify "persons who know of any discoverable matter," as allowed in Rule 26(b)(1)(A) but more narrowly asks which of those persons that Continental's counsel has selected to testify at the hearing in this case. Continental is not required to provide information during discovery about any non-expert witnesses. "Ordinarily...discovery is not the stage of litigation at which a party identifies its prospective witnesses." *Brock v. R.J. Auto Parts and Service, Inc.*, 864 F.2d 677, 679 (10th Cir. 1988); *see Brennan v. Engineered Products, Inc.*, 506 F.2d 299, 303 n.

2 (8th Cir. 1974); Wirtz v. Continental Finance & Loan Co., 326 F.2d 561, 564 (5th Cir. 1964). If witnesses are to be identified prior to hearing, Applicants could have and should have asked for a prehearing conference so that the parties could have discussed and agreed upon prehearing disclosures. In this case, despite the fact that it has been pending since August 2023, Applicants did not request such conference or request that any prehearing scheduling order be entered requiring the parties to identify their witnesses prior to the hearing. Subject to and without waiving those objections, Continental anticipates at this time that it will call the following fact witnesses at the hearing in this matter: TeJay Botchlet, Mark Oekerman, and Sarah Hale. All are employees of Continental Resources. The subject matters of their expected testimony are set forth in response to Interrogatory No. 3, below. Continental has not finalized the exhibits that it intends to offer into evidence during their testimony, but will produce them when they are available.

- 3. Identify by name, address, employer, and field of expertise, each and every person whom you expect to call as an expert witness at the June 5, 2024 hearing set in this matter, and:
  - a. state the subject matter upon which each such expert is expected to testify;
  - b. the substance of the facts and opinions to which each such expert is expected to testify;
  - c. a summary of the grounds for each such expert's opinion;
  - d. a complete resume of each such expert's educational and employment background, together with a list of any articles or published works which such expert has authored; and
  - e. and whether or not said expert has prepared a written report.

**RESPONSE:** Continental objects to Interrogatory 3.d. as that is beyond the scope of the categories of information that may be requested by Interrogatory as provided in Rule 26(4)(A)(i). Continental may call the following witnesses to testify at the hearing in this case and who may offer expert testimony:

TeJay Botchlet; Land Supervisor, Bakken North; Continental Resources, Inc.; Petroleum Land and Regulatory. Mr. Botchlet may offer testimony at the hearing regarding the following subjects: the history of the spacing, pooling and development of the Oakdale Field and the Oakdale-Bakken Pool; the interpretation and application of the Commission's spacing and pooling orders, including those orders for the Overlapping Spacing Unit and the Underlying Spacing Unit; he will identify the base spacing units in the Oakdale Field, as that term is defined by the Commission, and those base spacing units have not been terminated; he will testify the Applicants actions and inactions in response to Continental's spacing and pooling applications for the Oakdale Field; he will also testify to the impact upon Continental caused by Applicants' delay in seeking the relief sought in their Application; the potential impact and effects of the relief requested by Applicants in this case, who will be impacted and in what amounts, and the relief not requested by Applicants; Continental's current methodology for allocating production from the Overlapping Spacing Unit and why it is consistent with the applicable pooling and spacing orders; and how operators other than Continental allocate or do not allocate production from lease line wells in overlapping spacing units. Mr. Botchlet will also testify that he has reviewed the pooling orders for the Overlapping Spacing Unit and the Underlying Spacing Unit and that, in his opinion, those orders do not require or

authorize the reallocation of production sought by Applicants in this case but only require and authorize the allocation of production from each spacing unit to the oil and gas interests in the spacing unit. Mr. Botchlet has not prepared a written expert report.

Sarah Hale; Resource Development Manager – Williston Basin; Continental Resources, Inc., Petroleum Reservoir Engineering. Ms. Hale may offer testimony at the hearing regarding the following subjects: the development of the Overlapping Spacing Unit, the Underlying Spacing Unit and the other spacing units in the Oakdale Field; and the production from and performance of the wells in the Overlapping Spacing Unit, the Underlying Spacing Unit and the Oakdale Field. Ms. Hale will testify, that in her opinion, based on the production from the wells in the Underlying Spacing Unit she does not believe that the production from the wells in the Overlapping Spacing Unit have had or will have any material adverse impact on the production from the wells in the Underling Spacing Unit. She will also testify that, in her opinion, the allocation of production from the section-line wells only to the land within the Overlapping Spacing Unit, and not to the Underlying Spacing Unit, is a fair and equitable allocation of production from those wells. Ms. Hale will also offer expert testimony at the hearing in response to and rebuttal of the expert report and opinions of Applicants' expert but the nature of that testimony has not yet been determined because that report was just produced on May 30, 2024. Ms. Hale has not prepared a written expert report.

Mark Oekerman; Director, Exploration & Subsurface Performance; Continental Resources, Inc., Certified Petroleum Geologist. Mr. Oekerman is expected to offer

expert testimony at the hearing regarding his understanding and interpretation of the subsurface geology and structural geology in the Oakdale Field, and their impact on production from the well in that field. He may also offer expert testimony in response to the expert report of Applicants' expert, but those opinions have not yet been formed because that report was just received on May 30, 2024. Mr. Oekerman will testify that, in his opinion, it would be unjust and inequitable to pool or attribute production from the Whitman Unit to the other three base spacing units in the Oakdale Field. Generally, Mr. Oekerman will testify to Continental's understanding and knowledge of the subsurface geology and structural geology in the Oakdale Field over time, including the most current, internal to Continental, petrophyscial, geological, and geophysical analysis of the Oakdale Field. That analysis indicates subsurface variation through the base 1280 spacing units, and his understanding of the equitable share of production based on that subsurface variation. He will also identify subsurface anomalies that exist in the Oakdale Field and how those anomalies impact equitable share of production from each 1280 base spacing unit. Mr. Oekerman has not prepared an expert report.

Much of Continental's expert testimony at the hearing in this matter will be in response to the opinions offered by Applicants' expert. Applicants produced their expert's report in this matter on May 30, 2024 (although reports from testifying experts are not required). Continental is still reviewing that report and reserves the right for its expert to offer such other and further opinions as necessary to address and rebut to Applicants' expert's testimony, subject to and without waiving Continental's pending motion to limit the scope of the hearing to the issues and relief requested in the Application. The

exact nature and scope of the testimony of Continental's witnesses at the hearing has not been finalized and Continental reserves the right for each of those witnesses to testify as to such other and further matters within their respective areas of expertise and relevant to allegations in the Application. Continental further reserves the right for those witnesses, or other witnesses, to testify as to any and all other matters in response to evidence introduced by Applicants at the hearing.

4. Identify and describe any and all facts, documents, or communications supporting your claim that production from the Overlapping Spacing Unit does not interfere with or impact production from the Underlying Spacing Unit.

RESPONSE: At this time, Continental believes that the following facts support the conclusion that production from lease-line wells in the Overlapping Spacing Unit has not interfered with or impacted production from the wells in the Underlying Spacing Unit: the timing of drilling wells in the Overlapping Spacing Unit and in the Underlying Spacing Unit, the producing formations in those wells, the distance between wells, and the volumes of oil and gas produced from those wells over time. Continental reserves the right to rely on other and additional facts to support that conclusion at the hearing in this matter.

5. Identify and describe any and all facts, documents, or communications supporting your claim that production from the section line wells at issue, the Carson Peak 4-35HSL well (NDIC #35272) and Whitman FIU 13-34HSL1 well (NDIC #38533), do not interfere with or impact production from the other wells in the Underlying Spacing Unit.

**RESPONSE:** See Continental's response to Interrogatory No. 4, above.

REQUESTS FOR PRODUCTION OF DOCUMENTS

1. Any and all documents identified in your Answers to Interrogatories, which constitute or contain matters within the scope of Rule 34 and which are in your possession,

custody, or control.

**RESPONSE:** No documents were specifically referred to and identified in Continental's

answers to Interrogatory Nos. 3, 4 & 5, above.

2. Any and all exhibits, materials, or documents that you intend to offer as evidence,

or otherwise offer for the Commission's consideration, at the June 5, 2024, hearing.

**RESPONSE:** Objection: This requests seeks information that is protected from

discovery by the attorney work product doctrine. In addition, the request is

premature because Continental has not yet finalized the exhibits, materials or

documents that it intends to offer as evidence at the hearing in this matter.

3. Any and all documents identified in your response to Interrogatory No. 2.

**RESPONSE:** None

4. Any and all documents identified in your response to Interrogatory No. 3.

**RESPONSE:** None

5. Any and all reports prepared by an expert witness that you intend to offer as evidence, or otherwise offer for the Commission's consideration, at the June 5, 2024 hearing.

evidence, of otherwise other for the commission's consideration, at the june 5, 2024 hearing.

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**RESPONSE:** None

6. Any documents identified in your response to Interrogatory No. 4.

**RESPONSE:** No documents were identified in Continental's response.

7. Any documents identified in your response to Interrogatory No .5.

**RESPONSE:** No documents were identified in Continental's response.

AS TO OBJECTIONS:

June 4, 2024.

/s/ David E. Bengtson

David E. Bengtson (#08486)

STINSON LLP

1625 N. Waterfront Parkway, Suite 300 Wichita, KS 67206 david.bengtson@stinson.com Telephone 316.265.8800

Robin Wade Forward (#05324)

STINSON LLP

424 South Third Street, Suite 206 Bismarck, ND 58504

rob.forward@stinson.com Telephone 701.221.8603

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ATTORNEYS FOR CONTINENTAL RESOURCES, INC.

#### **VERIFICATION**

I, <u>Testay BotchLes</u>, am the <u>LAND SAPER VISOR</u> of Continental Resources, Inc., and declare under penalty of perjury that all facts stated in this document are true and correct to the best of my information, knowledge and belief.

June 4, 2024

#### **CERTIFICATE OF SERVICE**

The undersigned certifies that a true and correct copy of the foregoing Continental Resources, Inc.'s Supplemental Responses to Petitioners' First Set of Interrogatories and Requests for Production of Documents was served via electronic mail, in the above-captioned matter on June 4, 2024 as follows:

Joshua A. Swanson Vogel Law Firm 218 NP Avenue P.O. Box 1389 Fargo, ND 58107-1389 jswanson@vogellaw.com Attorney for Applicants

/s/ Robin Wade Forward
Robin Wade Forward

### WAVELAND BAKKEN HOLDINGS LLC

May 30, 2024

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505



Re:

NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

Director Helms,

Please be advised the undersigned was recently notified of the Application filed in NDIC Case No. 30604 and the relief being sought by the Applicants. Waveland Bakken Holdings, LLC ("Waveland") owns an oil and gas interest in Section 35, Township 147 North, Range 96 West. Based on that ownership, Waveland has received our proportionate share of production revenue from the Carson Peak 4-35HSL and the Whitman FIU 13-34 HSL1 (the "Section Line Wells") for several years. Waveland understands if the relief requested by the Applicants is granted, we will be required to pay back part of that revenue and will receive less revenue going forward from these Wells.

I am writing to express Waveland's opposition to the relief sought in the Application and to object that the Applicants did not notify us that our rights could be impacted by the proceeding. I do not believe there is any basis to deny Waveland our lawful share of production revenue from the Wells based on our oil and gas interest in the spacing unit for those Wells.

Please accept this letter as Waveland's official opposition of the relief sought by the Applicants in Case No. 30604, Applicant's failure to notify us of that proceeding so that we may participate therein.

Should you have any questions, please do not hesitate to contact the undersigned.

Regards,

Matt Miller

Attorney-in-Fact, Waveland Bakken Holdings, LLC

mmiller@threepeaksresources.com





KT ENERGY INC PO Box 727, SPEARFISH, SD 57783

Re: Production Revenue Allocation from Carson 4-35HSL and Whitman FIU 13-34HSL1 Wells at Risk

Dear Interest Owner,

Our records indicate you currently receive production revenue from the Carson 4-35HSL (NDIC #35272) and/or the Whitman FIU 13-34HSL1 (NDIC #38533) located in Dunn County, North Dakota and operated by Continental Resources, Inc. (collectively, the "Section Line Wells"). This letter is to advise you that a third-party is challenging the current allocation of production revenue from the Wells.

Your production revenue will be adversely affected if the third-party challenge is successful. You may be responsible for repayment of production revenue previously paid to you. Please read for more information about the challenge and steps you should take to protect your interest.

#### Details of Challenge

On August 17, 2023, parties who collectively refer to themselves as "Andress Sandefer" submitted an application to the North Dakota Industrial Commission ("NDIC") seeking an order to reallocate production revenue from the Section Line Wells (the "Application"). Specifically, the Andress Sandefer parties believe production revenue proceeds from the Section Line Wells should be paid to interest owners in tracts **outside of the Section Line Wells' designated spacing unit boundaries**. A copy of the application can be sent to you, should you wish to review.

NDIC Spacing Order No. 30640 established a 2,560 acre drilling and spacing unit comprised of four sections: Sections 34 and 35, Township 147N-Range 97W, and Sections 2 and 3, Township 146N-Range 96W, and (the "Overlapping Spacing Unit"). The Section Line Wells were drilled within the Overlapping Spacing Unit, and you currently receive production revenue from those wells.

NDIC Spacing Order No. 14604 had previously established a 2,560 acre drilling and spacing unit comprised of four sections: Section 23, 26, and 35 Township 147N-Range 96W, and Section 2, Township 146N-Range 96W (the "Underlying Spacing Unit"). The Andress Sandefer parties allege ownership interests in Section 23 and 26 and argue, even though their interests lie

JUN - 1 2024

MIRAL RESOURCES

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

Re: NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

Director Helms,

Please be advised the undersigned was recently notified of the Application filed in NDIC Case No. 30604 and the relief being sought by the Applicants. I own an oil and gas interest in Section 35, Township 147 North, Range 96 West, and/or Section 2, Township 146 North, Range 96 West. Based on that ownership, I have received my proportionate share of production revenue from the Carson Peak 4-35HSL and/or the Whitman FIU 13-34 HSL1 (the "Section Line Wells") for several years. I understand if the relief requested by the Applicants is granted, I will be required to pay back part of that revenue and will receive less revenue going forward from these Wells.

I am writing to express my opposition to the relief sought in the Application and to object that the Applicants did not notify me that my rights could be impacted by the proceeding. I do not believe there is any basis to deny me my lawful share of production revenue from the Wells based on my oil and gas interest in the spacing unit for those Wells.

Please accept this letter as my official opposition of the relief sought by the Applicants in Case No. 30604, Applicant's failure to notify me of that proceeding so that I may participate therein.

Should you have any questions, please do not hesitate to contact the undersigned.

Regards,

Name/Entity Printed

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505



Re:

NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

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Regards,

WILLIAM H. MURPHY

William H.

Name/Entity Printed

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

Re:

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I am writing to express my opposition to the relief sought in the Application and to object that the Applicants did not properly notify me that my rights could be impacted by the proceeding. I do not believe there is any basis to deny me my lawful share of production revenue from the Wells based on my oil and gas interest in the spacing unit for those Wells that were approved by the ND Industrial Commission.

Please accept this letter as my official opposition of the relief sought by the Applicants in Case No. 30604.

Should you have any questions, please do not hesitate to contact the undersigned. Regards,

Douglas R Hansen andor Alpine Energy, LLC Pobox 6612 Scottsdale, AZ 85250

JUN - 1 2024

MIRAL RESOURCES

May 22, 2024

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

Re: NDIC Case No. 30604

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Regards,

Holman Education Trust for McKendree University

Regions Bank, Agent for the Trustees

Edward C. Waller, Vice President

Name/Entity Printed



NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

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Regards,

Ronald D. Catterson President
Name/Entity Printed
Platte River Properties, Inc.

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May 22, 2024

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

Re: NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

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Name/Entity Printed

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ANN RESOURCES

May 22, 2024

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

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Regards,

Name/Entity Printed



May 30, 2024

RECEIVED

JUN - 4 2024

AND RESOURCES

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

RE: NDIC Case No. 30604

Application of Thurmon Andress, et al, to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL 1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

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Sincerely,

Summit Peak Energy LLC

By Summit Peak Management LLC, Manager

3y: \_\_\_\_W\_

) Manager

cc. Rampart Energy Company

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JUN - 1 2021



NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

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Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

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Regards,

margaret M. Gorman

Name/Entity Printed



NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

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ZACH STASSEN PRESIDENT PAL PROPERTIES INC.

Name/Entity Printed

aECEIVE,

JUN = 1 2026

May 22, 2024

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

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Regards,

J. Virginia Messick

Name/Entity Printed

RECEIVED

JUM - 4 2024



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Regards,

Lynx Oil Company Patrick Lynch 4561 Silverado Dr.

Woodbury, MN 55129

Name/Entity Printed

Lynx Oil Company Patrick A. Lynch President P) 507- 459-7859



NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

Re: NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

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Regards,

William R. Celh, Sunchert Name/Entity Printed Roeley Moustain Exploration See. May 30, 2024

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E Blvd. Ave Bismarck, ND 58505

email: oilandgasinfo@nd.gov



Re: NDIC Case No. 30604

Application of Thurmon Address, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells. Dunn County, North Dakota, in the Oakdale Field

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Thank you.

Patricia J. Goodall Stephen P. Goodall 1440 West High St. Dickinson, ND 58601 (701) 260-3012 sgoodall@ndsupernet.com

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505



Re:

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Regards,

Michael D. Thompson
Name/Entity Printed

RECEIVED

May 22, 2024

JUN - 4 2024



NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

Re:

NDIC Case No. 30604

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Name/Entity Printed

+ menon @BOKF, com 918-779-6606 From: Knutson, Amy N.

To: Derrick Braaten; Joshua A. Swanson; david.bengtson@stinson.com; rob.forward@stinson.com

Cc: Forsberg, Sara L.; Garner, David P.; Helms, Lynn D.; desirae@braatenlawfirm.com; Tracy A. Ottum

**Subject:** NDCI Case No. 30604

**Date:** Tuesday, June 4, 2024 3:54:40 PM

**Attachments:** 2024.6.4 - Order Admitting Jennifer S. Kaiser Pro Hac Vice.pdf

2024.6.4 - Order on Petition to Interevene Meyer.pdf
2024.6.4 - Order on Petition to Interevene Murphy.pdf
2024.6.4 - Order on Petition to Interevene Rychner.pdf
2024.6.4 - Order on Petition to Interevene Golden.pdf
2024.6.4 - Order on Petition to Interevene Grace.pdf
2024.6.4 - Order on Petition to Interevene JAR.pdf
2024.6.4 - Order on Motion to continue Hearing.pdf
2024.6.4 - Unsworn DOS and Rent. Docs.pdf

#### Counsel,

On behalf of Hearing Officer Garner, please see attached:

- 1. ORDER ADMITTING JENNIFER S. KAISER PRO HAC VICE;
- 2. ORDER ON PETITION TO INTERVENE FOR SHIRLEY AND DEAN MEYER;
- 3. ORDER ON PETITION TO INTERVENE FOR SHEILA MURPHY;
- 4. ORDER ON PETITION TO INTERVENE FOR RODNEY RYCHNER;
- 5. ORDER ON PETITION TO INTERVENE FOR ESTATE OF MIKE GOLDEN AND MIKE GOLDEN INC.;
- 6. ORDER ON PETITION TO INTERVENE FOR GRACE LINK FAMILY, LLC;
- 7. ORDER ON PETITION TO INTERVENE FOR JAR INVESTMENTS LLS; and
- 8. ORDER ON MOTION TO CONTINUE HEARING.

#### Thank you.

Amy Knutson

Paralegal Civil Litigation Division North Dakota Office of Attorney General 500 North 9th Street Bismarck, ND 58501-4509 Telephone: (701) 328-3640

Fax: (701) 328-4300

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# BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, Robert "Bob" Fulwiler, McTan Holdings LP, Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSL1 (File No. 38533) section line wells based on their interests in the underlying spacing unit consisting of Sections 23, 26, and 35, Township 147 North, Range 96 West and Section 2, Township 146 North, Range 96 West, Dunn County, North Dakota, in the Oakdale Field

Case No. 30604

### ORDER ADMITTTING JENNIFER S. KAISER PRO HAC VICE

Pursuant to Rule 3(A) of the North Dakota Admission to Practice Rules, a motion has been filed seeking the admission *pro hac vice* of Jennifer S. Kaiser, to appear and participate in the above-captioned case with Robin Wade Forward, 424 South Third Street, Suite 206, Bismarck, North Dakota 58504. Having considered the motion and being fully advised, it is hereby ORDERED that Jennifer S. Kaiser be, and hereby is, granted permission to practice before the North Dakota Industrial Commission, Oil and Gas Division, for the limited purpose of participating in the above-captioned case.

Dated: Jone 4, 2024

David P. Garner Hearing Examiner

#### OF THE STATE OF NORTH DAKOTA

CASE NO. 30604

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

#### ORDER ON PETITION TO INTERVENE FOR SHIRLEY AND DEAN MEYER

- [¶1] On November 14, 2023, Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, Robert "Bob" Fulwiler, McTan Holdings, LP, Tejon Exploration, Inc., Randa K. Up, and David S. Halbert (collectively "Applicants"), filed with the North Dakota Industrial Commission ("Commission") the above described application.
- [¶2] On June 3, 2024, Shirley and Dean Meyer ("Meyer") filed a Petition to Intervene stating they own an oil and gas interests in property ("Meyer Lands") legally described as follows:
  - a. Section 35, Township 147 North, Range 96 West, and/or Section 2, Township 146 North, Range 96 West.

Petition to Intervene for Shirley and Dean Meyer, ¶ 3.

- [¶4] Based on Meyer's ownership of the Meyer Lands, the Petition to Intervene is hereby **GRANTED** but limited to intervention in this matter as it relates to the Meyer Lands.
- [¶5] The Commission will not consider Meyer's position insofar as it falls outside of consideration of the Meyer Lands.

David P. Garner North Dakota Industrial Commission Hearing Officer

#### OF THE STATE OF NORTH DAKOTA

CASE NO. 30604

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

#### ORDER ON PETITION TO INTERVENE FOR SHEILA MURPHY

- [¶1] On November 14, 2023, Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, Robert "Bob" Fulwiler, McTan Holdings, LP, Tejon Exploration, Inc., Randa K. Up, and David S. Halbert (collectively "Applicants"), filed with the North Dakota Industrial Commission ("Commission") the above described application.
- [¶2] On June 3, 2024, Sheila Murphy ("Murphy") filed a Petition to Intervene stating she owns an oil and gas interests in property ("Murphy Lands") legally described as follows:
  - a. Section 35, Township 147 North, Range 96 West, and/or Section 2, Township 146 North, Range 96 West.

Petition to Intervene for Sheila Murphy, ¶ 3.

- [¶4] Based on Murphy's ownership of the Murphy Lands, the Petition to Intervene is hereby **GRANTED** but limited to intervention in this matter as it relates to the Murphy Lands.
- [¶5] The Commission will not consider Murphy's position insofar as it falls outside of consideration of the Murphy Lands.

Daul. 9.

David P. Garner
North Dakota Industrial Commission
Hearing Officer

#### OF THE STATE OF NORTH DAKOTA

CASE NO. 30604

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

#### ORDER ON PETITION TO INTERVENE FOR RODNEY RYCHNER

- [¶1] On November 14, 2023, Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, Robert "Bob" Fulwiler, McTan Holdings, LP, Tejon Exploration, Inc., Randa K. Up, and David S. Halbert (collectively "Applicants"), filed with the North Dakota Industrial Commission ("Commission") the above described application.
- [¶2] On June 3, 2024, Rodney Rychner ("Rychner") filed a Petition to Intervene stating he owns an oil and gas interests in property ("Rychner Lands") legally described as follows:
  - a. Section 35, Township 147 North, Range 96 West, and/or Section 2, Township 146 North, Range 96 West.

Petition to Intervene for Rodney Rychner, ¶ 3.

- [¶4] Based on Rycher's ownership of the Rychner Lands, the Petition to Intervene is hereby **GRANTED** but limited to intervention in this matter as it relates to the Rychner Lands.
- [¶5] The Commission will not consider Rychner's position insofar as it falls outside of consideration of the Rychner Lands.

North Dakota Industrial Commission Hearing Officer

#### OF THE STATE OF NORTH DAKOTA

CASE NO. 30604

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

# ORDER ON PETITION TO INTERVENE FOR ESTATE OF MIKE GOLDEN AND MIKE GOLDEN INC.

- [¶1] On November 14, 2023, Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, Robert "Bob" Fulwiler, McTan Holdings, LP, Tejon Exploration, Inc., Randa K. Up, and David S. Halbert (collectively "Applicants"), filed with the North Dakota Industrial Commission ("Commission") the above described application.
- [¶2] On June 4, 2024, Estate of Mike Golden and Mike Golden Inc. (collectively "Golden") filed a Petition to Intervene stating they own an oil and gas interests in property ("Golden Lands") legally described as follows:
  - a. Section 35, Township 147 North, Range 96 West, and/or Section 2, Township 146 North, Range 96 West.

Petition to Intervene for Estate of Mike Golden and Mike Golden Inc., ¶ 3.

- [¶4] Based on Golden's ownership of the Golden Lands, the Petition to Intervene is hereby **GRANTED** but limited to intervention in this matter as it relates to the Golden Lands.
- [¶5] The Commission will not consider Golden's position insofar as it falls outside of consideration of the Golden Lands.

David P. Garner
North Dakota Industrial Commission
Hearing Officer

#### OF THE STATE OF NORTH DAKOTA

CASE NO. 30604

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

#### ORDER ON PETITION TO INTERVENE FOR GRACE LINK FAMILY, LLC

- [¶1] On November 14, 2023, Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, Robert "Bob" Fulwiler, McTan Holdings, LP, Tejon Exploration, Inc., Randa K. Up, and David S. Halbert (collectively "Applicants"), filed with the North Dakota Industrial Commission ("Commission") the above described application.
- [¶2] On June 4, 2024, Grace Link Family, LLC ("Grace") filed a Petition to Intervene stating they own an oil and gas interests in property ("Grace Lands") legally described as follows:
  - a. Section 35, Township 147 North, Range 96 West, and/or Section 2, Township 146 North, Range 96 West.

Petition to Intervene for Grace Link Family, LLC, ¶ 3.

- [¶4] Based on Grace's ownership of the Grace Lands, the Petition to Intervene is hereby **GRANTED** but limited to intervention in this matter as it relates to the Grace Lands.
- [¶5] The Commission will not consider Grace's position insofar as it falls outside of consideration of the Grace Lands.

David P. Garner North Dakota Industrial Commission Hearing Officer

#### OF THE STATE OF NORTH DAKOTA

CASE NO. 30604

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

#### ORDER ON PETITION TO INTERVENE FOR JAR INVESTMENTS LLC

- [¶1] On November 14, 2023, Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, Robert "Bob" Fulwiler, McTan Holdings, LP, Tejon Exploration, Inc., Randa K. Up, and David S. Halbert (collectively "Applicants"), filed with the North Dakota Industrial Commission ("Commission") the above described application.
- [¶2] On June 4, 2024, JAR Investments LLC ("JAR") filed a Petition to Intervene stating they own an oil and gas interests in property ("JAR Lands") legally described as follows:
  - a. Section 35, Township 147 North, Range 96 West, and/or Section 2, Township 146 North, Range 96 West.

Petition to Intervene for JAR Investments LLC, ¶ 3.

- [¶4] Based on JAR's ownership of the JAR Lands, the Petition to Intervene is hereby **GRANTED** but limited to intervention in this matter as it relates to the JAR Lands.
- [¶5] The Commission will not consider JAR's position insofar as it falls outside of consideration of the JAR Lands.

David P. Garner North Dakota Industrial Commission Hearing Officer

#### OF THE STATE OF NORTH DAKOTA

CASE NO. 30604

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

#### ORDER ON MOTION TO CONTINUE HEARING

- [¶1] On November 14, 2023, Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, Robert "Bob" Fulwiler, McTan Holdings, LP, Tejon Exploration, Inc., Randa K. Up, and David S. Halbert (collectively "Applicants"), filed with the North Dakota Industrial Commission ("Commission") the above-described application.
- [¶2] Petitions to Intervene were filed by Rodney Rychner, Sheila Murphy, and Shirley and Dean Meyer on June 3, 2024, along with a Motion to Continue Hearing.
- [¶3] On June 3, 2024, Applicants counsel objected to the Motion to Continue Hearing.
- [¶3] We note that the Commission published the notice of hearing in Dunn and Burleigh Counties on May 8, 2024. *See* Affidavit of Publications.
- [¶4] Based on the dates of publications of the hearing notice and Motion to Continue Hearing, and the Applicants objection thereto, the Motion to Continue Hearing is hereby **DENIED**.

David P. Garner
North Dakota Industrial Commission
Hearing Officer

#### OF THE STATE OF NORTH DAKOTA

CASE NO. 30604

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

# UNSWORN DECLARATION OF SERVICE BY ELECTRONIC MAIL AND RETENTION OF DOCUMENTS

- [¶1] Amy Knutson states as follows:
- [¶2] I am of legal age and on the 4<sup>th</sup> day of June, 2024, I served the following documents:
  - 1. ORDER ADMITTING JENNIFER S. KAISER PRO HAC VICE;
  - 2. ORDER ON PETITION TO INTERVENE FOR SHIRLEY AND DEAN MEYER;
  - 3. ORDER ON PETITION TO INTERVENE FOR SHEILA MURPHY;
  - 4. ORDER ON PETITION TO INTERVENE FOR RODNEY RYCHNER;
  - 5. ORDER ON PETITION TO INTERVENE FOR ESTATE OF MIKE GOLDEN AND MIKE GOLDEN INC.;
  - 6. ORDER ON PETITION TO INTERVENE FOR GRACE LINK FAMILY, LLC;
  - 7. ORDER ON PETITION TO INTERVENE FOR JAR INVESTMENTS LLS; and
  - 8. ORDER ON MOTION TO CONTINUE HEARING.

upon the following by electronic mail as follows:

Joshua A. Swanson — <u>jswanson@vogellaw.com;</u> David E. Bengston — <u>david.bengtson@stinson.com;</u> Robin Wade Forward — <u>rob.forward@stinson.com;</u> and Derrick Braaten — derrick@braatenlawfirm.com.

[¶3] The original documents shall be retained at the North Dakota Department of Mineral Resources, 1016 East Calgary Avenue Bismarck, North Dakota, 58503.

$[\P 4]$	I declare, under penalty of perjury under the law of North Dakota, that the foregoing is true
and co	orrect.
	Signed on the 4th day of June, 2024, at Bismarck, North Dakota, United States.

Amy Knutson

From: <u>Desirae Zaste</u>

To: <a href="mailto:-Info-Oil & Gas Division">-Info-Oil & Gas Division</a>; Forsberg, Sara L.; Garner, David P.; Joshua A. Swanson; david.bengston@stinson.com;

rob.forward@stinson.com; Knutson, Amy N.

Cc: Derrick Braaten
Subject: NDIC Case No. 30604

**Date:** Tuesday, June 4, 2024 1:41:08 PM

Attachments: Petition to Intervene-JAR Investments LLC.pdf

Petition to Intervene-Grace Link Family LLC.pdf 240604 Declaration of Service (JAR & Link).pdf

\*\*\*\*\* **CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe. \*\*\*\*\*

Good afternoon,

Attached for filing and service are the following documents:

- Petition to Intervene for Grace Family Link, LLC;
- Petition to Intervene for JAR Investments LLC; and
- Declaration of Service.

Thank you.

### Desirae Zaste! Certified Paralegal



#### **BRAATEN LAW FIRM**

109 N. 4th Street, Suite 100 Bismarck, ND 58501 Phone: 701-221-2911 Fax: 701-221-5842

www.braatenlawfirm.com

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#### NORTH DAKOTA

#### **OIL AND GAS DIVISION**

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

**Case Nos. 30604** 

#### PETITION TO INTERVENE FOR JAR INVESTMENTS LLC

Pursuant to N.D.C.C. § 28-32-28, JAR Investments LLC ("Landowner") hereby petitions to intervene in the above-captioned proceedings in support of the position taken by Continental Resources, Inc. In support of this petition, Landowner states and alleges as follows:

- [¶1] On or about November 14, 2023, Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, Robert "Bob" Fulwiler, McTan Holdings, LP, Tejon Exploration, Inc., Randa K. Up, and David S. Halbert ("Applicants") submitted their application ("Application") asking the North Dakota Industrial Commission ("NDIC") to grant their application. *See* Case No. 30604.
- [¶2] Landowner was just made aware of the Application in the last week.
- [¶3] Landowner owns an oil and gas interest in the units encompassing Section 35, Township 147 North, Range 96 West, and/or Section 2, Township 146 North, Range 96 West.

- [¶4] Based on that ownership, Landowner has received its proportionate share of production revenue from the Whitman FIU 13-34 HSL1 (the "Section Line Well") for several years.
- [¶5] If the relief requested by the Applicants is granted, Landowner may be required to pay back part of that revenue and will receive less revenue going forward from these Wells. The proposal from the applicants would violate Landowner's correlative rights and the removal of the Landowner's proportionate share threatens to undermine the constitutionality of the North Dakota conservation laws and its authority to conduct forced pooling under N.D.C.C. § 38-08-08.
- [¶6] The legal rights, privileges, and other legal interests of Landowner will be substantially affected by the NDIC's findings and conclusions in this proceeding as they relate to the Application. Landowner files this petition for the purpose of responding in opposition to the Application and in support of Continental Resources, Inc. position in this matter with regard to the proper manner of allocation.
- [¶7] For these reasons Landowner petitions for leave to intervene in this proceeding for the purpose of responding to Applicants' Application and participating in any oral argument or hearings on the application and the right to be heard before the final determination as it relates to Landowner and the legality of the relief requested and which may be provided in these proceedings.

# Dated this 4<sup>th</sup> day of June, 2024.

# BRAATEN LAW FIRM

/s/ Derrick Braaten

Derrick Braaten (ND #06394)
109 North 4<sup>th</sup> Street, Suite 100 Bismarck, ND 58501 Phone: 701-221-2911 derrick@braatenlawfirm.com

Attorneys for Landowner

#### NORTH DAKOTA

#### **OIL AND GAS DIVISION**

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

**Case Nos. 30604** 

### PETITION TO INTERVENE FOR GRACE LINK FAMILY, LLC

Pursuant to N.D.C.C. § 28-32-28, Grace Link Family, LLC ("Landowner") hereby petitions to intervene in the above-captioned proceedings in support of the position taken by Continental Resources, Inc. In support of this petition, Landowner states and alleges as follows:

- [¶1] On or about November 14, 2023, Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, Robert "Bob" Fulwiler, McTan Holdings, LP, Tejon Exploration, Inc., Randa K. Up, and David S. Halbert ("Applicants") submitted their application ("Application") asking the North Dakota Industrial Commission ("NDIC") to grant their application. *See* Case No. 30604.
- [¶2] Landowner was just made aware of the Application in the last week.
- [¶3] Landowner owns an oil and gas interest in the units encompassing Section 35, Township 147 North, Range 96 West, and/or Section 2, Township 146 North, Range 96 West.

- [¶4] Based on that ownership, Landowner has received its proportionate share of production revenue from the Whitman FIU 13-34 HSL1 (the "Section Line Well") for several years.
- [¶5] If the relief requested by the Applicants is granted, Landowner may be required to pay back part of that revenue and will receive less revenue going forward from these Wells. The proposal from the applicants would violate Landowner's correlative rights and the removal of the Landowner's proportionate share threatens to undermine the constitutionality of the North Dakota conservation laws and its authority to conduct forced pooling under N.D.C.C. § 38-08-08.
- [¶6] The legal rights, privileges, and other legal interests of Landowner will be substantially affected by the NDIC's findings and conclusions in this proceeding as they relate to the Application. Landowner files this petition for the purpose of responding in opposition to the Application and in support of Continental Resources, Inc. position in this matter with regard to the proper manner of allocation.
- [¶7] For these reasons Landowner petitions for leave to intervene in this proceeding for the purpose of responding to Applicants' Application and participating in any oral argument or hearings on the application and the right to be heard before the final determination as it relates to Landowner and the legality of the relief requested and which may be provided in these proceedings.

# Dated this 4<sup>th</sup> day of June, 2024.

# BRAATEN LAW FIRM

/s/ Derrick Braaten

Derrick Braaten (ND #06394)
109 North 4<sup>th</sup> Street, Suite 100 Bismarck, ND 58501 Phone: 701-221-2911 derrick@braatenlawfirm.com

Attorneys for Landowner

### NORTH DAKOTA

#### **OIL AND GAS DIVISION**

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

**Case Nos. 30604** 

#### DECLARATION OF SERVICE

- [¶1] I hereby certify that true and correct copies of the following documents:
  - Petition to Intervene for Grace Family Link, LLC;
  - Petition to Intervene for JAR Investments LLC; and
  - Declaration of Service.

were, on the 4<sup>th</sup> day of June, 2024 sent via electronic mail to the following:

North Dakota Industrial Commission oilandgasinfo@nd.gov slforsberg@nd.gov

David Garner Hearing Examiner dpgarner@nd.gov Joshua Swanson Attorney at Law jswanson@vogellaw.com

David Bengston Attorney at Law david.bengston@stinson.com

Robin Forward Attorney at Law rob.forward@stinson.com

I declare, under penalty of perjury under the law of North Dakota, that the foregoing is true and correct.

Signed on this 4<sup>th</sup> day of June, 2024 at Bismarck, North Dakota.

Desirae Zaste

 From:
 Danso, Bridget Y.

 To:
 Forsberg, Sara L.

 Subject:
 FW: NDIC Case No.

 Subject:
 FW: NDIC Case No. 30604

 Date:
 Tuesday, June 4, 2024 1:08:03 PM

 Attachments:
 3706 240604091359 001.pdf

From: Megan Ryan <megan@kalillawfirm.com>

Sent: Tuesday, June 4, 2024 12:10 PM

To: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Sagsveen, Matthew A. <masagsve@nd.gov>

**Cc:** Thomas Kalil <tom@kalillawfirm.com>

Subject: RE: NDIC Case No. 30604

Some people who received this message don't often get email from <a href="megan@kalillawfirm.com">megan@kalillawfirm.com</a>. <a href="megan@kalillawfirm.com">Learn why this is important</a>

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attachments unless you know they are safe. \*\*\*\*\*

Please see the attached.

Thank you,

Megan Ryan Legal Assistant

### KALIL LAW FIRM, PLLC

 $1802\ 13^{th}\ Ave\ W\ (FedEx\ and\ UPS)$ 

P.O. Box 2355 (USPS)

Williston, ND 58802 Tel: (701) 572-0395

Toll Free: 888-220-1193 Fax: (701) 205-4930 megan@kalillawfirm.com www.kalillawfirm.com

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From: Megan Ryan

**Sent:** Monday, June 3, 2024 9:41 AM

To: 'oilandgasinfo@nd.gov' < oilandgasinfo@nd.gov' >; 'masagsve@nd.gov' < masagsve@nd.gov' >

**Cc:** Thomas Kalil < tom@kalillawfirm.com>

Subject: NDIC Case No. 30604

Good morning,

Please see the attached letters. Should you have any questions please let me know.

Thank you,

Megan Ryan Legal Assistant

### KALIL LAW FIRM, PLLC

1802 13<sup>th</sup> Ave W (FedEx and UPS) P.O. Box 2355 (USPS)

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megan@kalillawfirm.com
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June 3, 2024

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

Re: NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

#### Director Helms,

Please be advised the undersigned was recently notified of the Application filed in NDIC Case No. 30604 and the relief being sought by the Applicants. I own an oil and gas interest in Section 35, Township 147 North, Range 96 West, and/or Section 2, Township 146 North, Range 96 West. Based on that ownership, I have received my proportionate share of production revenue from the Carson Peak 4-35HSL and/or the Whitman FIU 13-34 HSL1 (the "Section Line Wells") for several years. I understand if the relief requested by the Applicants is granted, I may be required to pay back part of that revenue and will receive less revenue going forward from these Wells.

I am writing to express my opposition to the relief sought in the Application and to object that the Applicants did not notify me that my rights could be impacted by the proceeding. I do not believe there is any basis to deny me my lawful share of production revenue from the Wells based on my oil and gas interest in the spacing unit for those Wells.

Please accept this letter as my official opposition of the relief sought by the Applicants in Case No. 30604, Applicant's failure to notify me of that proceeding so that I may participate therein.

Should you have any questions, please do not hesitate to contact the undersigned.

Regards,

Joan Plesant, General Partner

Plesant Oil and Mineral, LLC

Jacqueline Illiant - Durable power of attorney

for Joan Pelisant

### STATUTORY DURABLE POWER OF ATTORNEY

NOTICE: THE POWERS GRANTED BY THIS DOCUMENT ARE BROAD AND SWEEPING. THEY ARE EXPLAINED IN THE DURABLE POWER OF ATTORNEY ACT, SUBTITLE P, TITLE 2, TEXAS ESTATES CODE. IF YOU HAVE ANY QUESTIONS ABOUT THESE POWERS, OBTAIN COMPETENT LEGAL ADVICE. THIS DOCUMENT DOES NOT AUTHORIZE ANYONE TO MAKE MEDICAL AND OTHER HEALTH-CARE DECISIONS FOR YOU. YOU MAY REVOKE THIS POWER OF ATTORNEY IF YOU LATER WISH TO DO SO. IF YOU WANT YOUR AGENT TO HAVE THE AUTHORITY TO SIGN HOME EQUITY LOAN DOCUMENTS ON YOUR BEHALF, THIS POWER OF ATTORNEY MUST BE SIGNED BY YOU AT THE OFFICE OF THE LENDER, AN ATTORNEY AT LAW, OR A TITLE COMPANY.

You should select someone you trust to serve as your agent. Unless you specify otherwise, generally the agent's authority will continue until:

- (1) you die or revoke the power of attorney;
- (2) your agent resigns, is removed by court order, or is unable to act for you; or
- (3) a guardian is appointed for your estate.

I, Joan Plesant, appoint Mitchell Plesant and Jacqueline Plesant Elliott as my co-agents to act for me in any lawful way with respect to all of the following powers that I have initialed below: (YOU MAY APPOINT CO-AGENTS. UNLESS YOU PROVIDE OTHERWISE, CO-AGENTS MAY ACT INDEPENDENTLY.)

TO GRANT ALL OF THE FOLLOWING POWERS, INITIAL THE LINE IN FRONT OF (O) AND IGNORE THE LINES IN FRONT OF THE OTHER POWERS LISTED IN (A) THROUGH (N).

TO GRANT A POWER YOU MUST INITIAL THE LINE IN FRONT OF THE POWER YOU ARE GRANTING.

TO WITHHOLD A POWER, DO NOT INITIAL THE LINE IN FRONT OF THE POWER. YOU MAY, BUT DO NOT NEED TO, CROSS OUT EACH POWER WITHHELD.

(A)	Real property transactions;
(B)	Tangible personal property transactions;
(C)	Stock and bond transactions;
(D)	Commodity and option transactions;
(E)	Banking and other financial institution transactions;
(F)	Business operating transactions;
(G)	Insurance and annuity transactions;
(H)	Estate, trust, and other beneficiary transactions;
(I)	Claims and litigation;
(J)	Personal and family maintenance;

(K) Benefits from social security, Medicare, Medicaid, or other governmental
programs or civil or military service; (L) Retirement plan transactions;
(L) Retirement plan transactions; (M) Tax matters
(N) Digital assets and the content of an electronic communication; (O) ALL OF THE POWERS LISTED IN (A) THROUGH (N).
YOU DO NOT HAVE TO INITIAL THE LINE IN FRONT OF ANY OTHER POWER IF YOU INITIAL LINE (O).
SPECIAL INSTRUCTIONS:
Special instructions applicable to agent compensation (initial in front of one of the following sentences to have it apply; if no selection is made, each agent will be entitled to compensation that is reasonable under the circumstances):
My agent is entitled to reimbursement of reasonable expenses incurred on my behalf and to compensation that is reasonable under the circumstances.
My agent is entitled to reimbursement of reasonable expenses incurred on my behalf but shall receive no compensation for serving as my agent.
Special instructions applicable to co-agents (if you have appointed co-agents to act, initial in front of one of the following sentences to have it apply; if no selection is made, each agent will be entitled to act independently):
Each of my co-agents may act independently for me.
My co-agents may act for me only if the co-agents act jointly.
My co-agents may act for me only if a majority of the co-agents act jointly.
My agent shall also have the following powers:
Estate Planning. To apply such income and principal which is not required for my support or the support of my spouse, during my lifetime towards the establishment of an estate plan which my agent deems advisable for the purposes of minimizing my income taxes or the projected estate, inheritance or other taxes with respect to my estate, including gifts of my property, outright or in trust, on my behalf, to or for the benefit of (i) organizations to which charitable contributions may be made under the Internal Revenue Code and to which I have previously demonstrated an interest; and (ii) any one or more of the persons consisting of my spouse, children, and descendants, including my agent. To convey any and all assets of my estate (consisting of any property, real, personal, or mixed, of whatever kind, wheresoever located and whensoever acquired) into

such trust or trusts, as my agent shall deem proper, irrespective of whether said trust is now in existence or hereinafter established. My agent shall be empowered to create and transfer assets to a revocable management trust for my benefit which will revert to my estate at my death on such terms as my agent shall deem to be in my best interest.

<u>Supplemental Needs Trust</u>. If I am disabled so as to qualify for public benefits by reason of my disability and am disqualified for such benefits only because of my assets and/or income, my agent shall have the authority to transfer any and all of my assets and income into a trust or trusts whose effect would be to enable me to receive public benefits.

The power granted to my agent to act for me with regard to insurance and annuity transactions shall not include the authority to designate or alter a beneficiary under any retirement plan or account or life insurance policy.

### GRANT OF SPECIFIC AUTHORITY (OPTIONAL)

My agent MAY NOT do any of the following specific acts for me UNLESS I have INITIALED the specific authority listed below:

(CAUTION: Granting any of the following will give your agent the authority to take actions that could significantly reduce your property or change how your property is distributed at your death. INITIAL ONLY the specific authority you WANT to give your agent. If you DO NOT want to grant your agent one or more of the following powers, you may also CROSS OUT a power you DO NOT want to grant.)

Create, amend, revoke, or terminate an inter vivos trust
Make a gift, subject to the limitations of Section 751.032 of the Durable Power of Attorney Act (Section 751.032, Estates Code) and any special instructions in this power of attorney
Create or change rights of survivorship
Create or change a beneficiary designation
Authorize another person to exercise the authority granted under this power of attorney.
ON THE FOLLOWING LINES YOU MAY GIVE SPECIAL INSTRUCTIONS LIMITING OR EXTENDING THE POWERS GRANTED TO YOUR AGENT.

Without limiting the generality of any other provision contained herein, my Agent is hereby empowered, without limitation: (1) to obtain medical records and other health information pertaining to me and to my medical and/or pharmaceutical history, to authorize any party in possession of such records and/or information to release such to my Agent and/or to transfer such to another party or parties as my Agent may direct; and (2) to pay for such services out of any property I may now or hereafter own or claim under such terms and conditions as may seem prudent to my Agent. I intend hereby to appoint my Agent to be my "personal representative" for the purposes of the Health Insurance Portability and Accountability Act of 1996 ("HIPAA"), as implemented by Rules and Regulations issued by the Department of Health and Human Services, especially as provided in 45 CFR 640.502, as such Act and such Rules and Regulations may be amended from time to time. I am aware that I can authorize certain acts or omissions to be done or not done only by signing and delivering a Directive to Physicians and Family or Surrogates and/or by signing and delivering a Medical Power of Attorney, neither of which has any force or effect, however, until such time as I am unable to make decisions for myself; but the provisions of this Power of Attorney shall be read, construed and applied so as to be consistent with and not inconsistent with any such Directive or any such Power of Attorney and, in any event, as granting authority to my Agent to act for me and for my benefit to the extent that it is possible for me to delegate such to my Agent under a Power of Attorney of this sort. This authority is effective immediately and not dependent upon my ability to make decisions for myself.

UNLESS YOU DIRECT OTHERWISE, THIS POWER OF ATTORNEY IS EFFECTIVE IMMEDIATELY AND WILL CONTINUE UNTIL IT TERMINATES.

CHOOSE ONE OF THE FOLLOWING ALTERNATIVES BY CROSSING OUT THE ALTERNATIVE NOT CHOSEN:

- (A) This power of attorney is not affected by my subsequent disability or incapacity.
- (B) This power of attorney becomes effective upon my disability or incapacity.

YOU SHOULD CHOOSE ALTERNATIVE (A) IF THIS POWER OF ATTORNEY IS TO BECOME EFFECTIVE ON THE DATE IT IS EXECUTED.

IF NEITHER (A) NOR (B) IS CROSSED OUT, IT WILL BE ASSUMED THAT YOU CHOSE ALTERNATIVE (A).

If Alternative (B) is chosen and a definition of my disability or incapacity is not contained in this power of attorney, I shall be considered disabled or incapacitated for purposes of this power of attorney if a physician certifies in writing at a date later than the date this power of attorney is executed that, based on the physician's medical examination of me, I am mentally incapable of managing my financial affairs. I authorize the physician who examines me for this purpose to disclose my physical or mental condition to another person for purposes of this power of attorney. A third party who accepts this power of attorney is fully protected from any action

taken under this power of attorney that is based on the determination made by a physician of my disability or incapacity.

I agree that any third party who receives a copy of this document may act under it. Termination of this durable power of attorney is not effective as to a third party until the third party has actual knowledge of the termination. I agree to indemnify the third party for any claims that arise against the third party because of reliance on this power of attorney. The meaning and effect of this durable power of attorney is determined by Texas Law.

This power of attorney revokes any previous powers of attorney granted by me, except for any medical power of attorney.

Signed this	18	day of	Huli	, 2019.

Joan Ples aut

THE STATE OF TEXAS

§ 8

COUNTY OF EL PASO

This document was SWORN TO AND SUBSCRIBED TO BEFORE ME on Low 1P , 2019 by Joan Plesant.

Notary Public in and for the State of Texas

KARIN ARMEN CARSON
Notary Public, State of Texas
Comm. Expires 11-21-2022
Notary ID 396672

### **IMPORTANT INFORMATION FOR AGENT**

### Agent's Duties

When you accept the authority granted under this power of attorney, you establish a "fiduciary" relationship with the principal. This is a special legal relationship that imposes on you legal duties that continue until you resign or the power of attorney is terminated, suspended, or revoked by the principal or by operation of law. A fiduciary duty generally includes the duty to:

- (1) act in good faith;
- (2) do nothing beyond the authority granted in this power of attorney;
- (3) act loyally for the principal's benefit;
- (4) avoid conflicts that would impair your ability to act in the principal's best interest; and
- (5) disclose your identity as an agent when you act for the principal by writing or printing the name of the principal and signing your own name as "agent" in the following manner:

Principal's Name by (Your Signature) as Agent

You should select someone you trust to serve as your agent (attorney in fact). Unless you specify otherwise, generally the agent's (attorney in fact's authority will continue until:

- (1) you die or revoke the power of attorney;
- (2) your agent (attorney in fact) resigns or is unable to act for you; or
- (3) a guardian is appointed for your estate.

In addition, the Durable Power of Attorney Act (Subtitle P, Title 2, Estates Code) requires you to:

- (1) maintain records of each action taken or decision made on behalf of the principal;
- (2) maintain all records until delivered to the principal, released by the principal, or discharged by a court; and

- (3) if requested by the principal, provide an accounting to the principal that, unless otherwise directed by the principal or otherwise provided in the Special Instructions, must include:
  - (A) the property belonging to the principal that has come to your knowledge or into your possession;
    - (B) each action taken or decision made by you as agent;
  - (C) a complete account of receipts, disbursements, and other actions of you as agent that includes the source and nature of each receipt, disbursement, or action, with receipts of principal and income shown separately;
  - (D) a listing of all property over which you have exercised control that includes an adequate description of each asset and the asset's current value, if known to you;
  - (E) the cash balance on hand and the name and location of the depository at which the cash balance is kept;
    - (F) each known liability;
  - (G) any other information and facts known to you as necessary for a full and definite understanding of the exact condition of the property belonging to the principal; and
    - (H) all documentation regarding the principal's property.

### Termination of Agent's Authority

You must stop acting on behalf of the principal if you learn of any event that terminates or suspends, this power of attorney. An event that terminates this power of attorney or your authority to act under this power of attorney includes:

- (1) the principal's death;
- (2) the principal's revocation of this power of attorney or your authority;
- (3) the occurrence of a termination event stated in this power of attorney;
- (4) if you are married to the principal, the dissolution of your marriage by a court decree of divorce or annulment or declaration that your marriage is void, unless otherwise provided in this power of attorney;

- (5) the appointment and qualification of a permanent guardian of the principal's estate unless a court order provides otherwise; or
- (6) if ordered by a court, your removal as agent (attorney in fact) under this power of attorney. An event that suspends this power of attorney or your authority to act under this power of attorney is the appointment and qualification of a temporary guardian unless a court order provides otherwise.

### Liability of Agent

The authority granted to you under this power of attorney is specified in the Durable Power of Attorney Act (Subtitle P, Title 2, Estates Code). If you violate the Durable Power of Attorney Act or act beyond the authority granted, you may be liable for any damages caused by the violation or subject to prosecution for misapplication of property by a fiduciary under Chapter 32 of the Texas Penal Code.

THE AGENT, BY ACCEPTING OR ACTING UNDER THE APPOINTMENT, ASSUMES THE FIDUCIARY AND OTHER LEGAL RESPONSIBILITIES OF AN AGENT.

 From:
 bolsfandish@amail.com

 To:
 Forsbore, Sara I.

 Ce:
 Sara

 Subject:
 NDIC Case No. 30604

 Date:
 Tuesday, June 4, 2024 11:36:36 AM

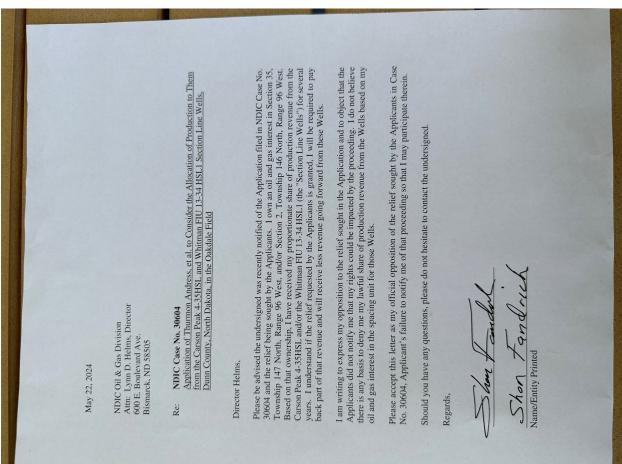
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Hi Sarah,

Attached is the signed official opposition letter in regards to NDIC Case No. 3060

Thank you.



From: <u>Joshua A. Swanson</u>

To: "Bengtson, David"; Garner, David P.; "Desirae Zaste"; -Info-Oil & Gas Division; Forsberg, Sara L.; Helm, Kerrie L.; "Forward,

Robin Wade"

Cc: "Derrick Braaten"; Tracy A. Ottum

Subject: NDIC Case No. 30604 / Andress Sandefer Motion to Exclude Evidence and Testimony by Continental Resources

**Date:** Tuesday, June 4, 2024 10:43:43 AM

Attachments: Andress Motion to Exclude Evidence and Testimony.pdf

\*\*\*\*\* CAUTION: This email originated from an outside source. Do not click links or open attachments unless

you know they are safe. \*\*\*\*\*

Dear Commission,

Attached is Andress Sandefer's Motion to Exclude Witness Testimony and Exhibits by Continental Resources. I inadvertently attached two copies of the Declaration to my prior email, and did not include the Motion. The Motion is attached hereto. If you have any issues opening the attached motion, or the Brief in Support, Declaration, and Exhibits that were previously sent, please let me know.

Thank you.

Joshua A. Swanson | Attorney T: 701.237.6983 | F: 701.356.6395

vogellaw.com | jswanson@vogellaw.com

From: Joshua A. Swanson

Sent: Tuesday, June 4, 2024 10:39 AM

**To:** 'Bengtson, David' <david.bengtson@stinson.com>; Garner, David P. <dpgarner@nd.gov>; 'Desirae Zaste' <desirae@braatenlawfirm.com>; oilandgasinfo@nd.gov; Forsberg, Sara L. <slforsberg@nd.gov>; khelm@nd.gov; Forward, Robin Wade <rob.forward@stinson.com>

Cc: Derrick Braaten <derrick@braatenlawfirm.com>; Tracy A. Ottum <tottum@vogellaw.com>

**Subject:** NDIC Case No. 30604 / Andress Sandefer Motion to Exclude Evidence and Testimony by Continental Resources

Dear Commission,

Please find attached the following:

- 1. Petitioners', Andress Sandefer, Motion to Exclude Witness Testimony and Exhibits by Continental Resources;
- 2. Brief in Support of Motion to Exclude Witness Testimony and Exhibits;
- 3. Swanson Declaration;
- 4. Exhibit A to Swanson Declaration (Continental Resources Discovery Responses); and
- 5. Exhibit B to Swanson Declaration (May 30, 2024 email to Continental Resources).

If you have any issues opening any of the attachments, please let me know.

Thank you.

# BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS, MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, **ROBERT** "BOB" FULWILER, HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT, TO **CONSIDER** OF ALLOCATION PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT CONSISTING OF SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 **WEST** AND **SECTION** TOWNSHIP 146 NORTH, RANGE 96 WEST. DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

PETITIONERS'
MOTION TO EXCLUDE WITNESS
TESTIMONY AND EXHIBITS

[¶1] The above-named Petitioners move to exclude Continental Resources from presenting testimony from lay witnesses not previously disclosed in response to Petitioners' written discovery requests at the June 5, 2024 hearing at the Commission. Further, the Petitioners move to exclude TeJay Botchlet, Sarah Hale, and Mark Oekerman from testifying as expert witnesses at the June 5 hearing, and to exclude any testimony from any other experts Continental attempts to offer at the hearing. Additionally, the Petitioners move to exclude the introduction of any evidence not previously disclosed to Petitioners in response to their discovery requests.

[¶2] The motion and relief requested herein are detailed in the supporting brief attached hereto and filed with the Commission.

## **VOGEL LAW FIRM**

/s/ Joshua A. Swanson

BY: Joshua A. Swanson (#06788)

218 NP Avenue PO Box 1389

Fargo, ND 58107-1389 Telephone: 701.237.6983

Email: jswanson@vogellaw.com ATTORNEYS FOR PETITIONERS

5408425.1

# BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS, MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON. **ROBERT** "BOB" FULWILER, HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT, TO **CONSIDER** OF ALLOCATION PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT CONSISTING OF SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION TOWNSHIP 146 NORTH, RANGE 96 WEST. DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

PETITIONERS'
BRIEF IN SUPPORT OF MOTION TO
EXCLUDE WITNESS TESTIMONY
AND EXHIBITS

### I. INTRODUCTION

[¶1] The Petitioners (collectively, "Andress Sandefer") file this motion to exclude Continental Resources ("Continental") from presenting at the June 5, 2024, hearing the testimony of fact and expert witnesses not identified as required by N.D.R.Civ. 26 or 33 and properly disclosed in Continental's responses to Andress Sandefer's Discovery Requests. Andress Sandefer also moves to exclude any evidence that Continental did not produce or identify in response to Andress Sandefer's Discovery Requests. This includes any evidence Continental seeks to offer responsive to Andress Sandefer's Interrogatories No. 2 (fact witnesses); No. 3 (expert witnesses); No. 4 (any facts or documents supporting Continental's claim that production from the Overlapping Spacing Unit does not interfere with production from the Underlying Spacing Unit); and No. 5 (any facts or documents supporting Continental's claim that production from the Carson Peak 4 and Whitman

FIU 13 section line wells do not interfere with or impact production from the wells in the Underlying Spacing Unit).

[¶2] On April 29, 2024, Andress Sandefer served written Interrogatories and Requests for Production of documents on Continental, in which Interrogatory No. 2 requested Continental identify all fact witnesses Continental intends to call at the June 5, 2024, hearing. Exhibit A is a true and correct copy of the written discovery requests served on Continental, and Continental's responses to the same. Continental served its answers to Andress Sandefer's Interrogatories on May 29, 2024, and provided the following answer in response to Interrogatory No. 2:

RESPONSE: Objection: This interrogatory seeks information that is protected from discovery by the attorney work product doctrine. Moreover, Continental is not required to provide information during discovery about any non-expert witnesses. "Ordinarily...discovery is not the stage of litigation at which a party identifies its prospective witnesses." Brock v. R.J. Auto Parts and Service, Inc., 864 F.2d 677, 679 (10th Cir. 1988); see Brennan v. Engineered Products, Inc., 506 F.2d 299, 303 n. 2 (8th Cir. 1974); Wirtz v. Continental Finance & Loan Co., 326 F.2d 561, 564 (5th Cir. 1964). If witnesses are to be identified prior to hearing, a pretrial conference is the appropriate time to address this issue. See id. at 679; 304; 564. In this case, the Commission has not entered a pre-hearing scheduling order requiring the parties to identify their witnesses prior to the hearing.

[¶3] Additionally, Interrogatory No. 3 requested that Continental identify any expert witnesses it intends to call at the June 5 hearing, and state: a) the subject matter upon which each expert is expected to testify, b) the substance of the facts and opinions the expert is expected to testify, c) a summary of the grounds for each expert's opinion, d) a complete resume of each expert's education

and employment background, and e) whether or not the expert has prepared a written report. Exhibit A. In response, Continental refused to identify, as required by Rule 26, the substance of their experts' testimony, the substance of the facts and opinions to which their experts will testify, a summary of the grounds for each expert opinion, or provide any resume or CV for its experts.

[¶4] At Interrogatory No. 4, Andress Sandefer asked Continental the following:

<u>Interrogatory No. 4</u>: Identify and describe any and all facts, documents, or communications supporting your claim that production from the Overlapping Spacing Unit does not interfere with or impact production from the Underlying Spacing Unit.

Continental did not answer the interrogatory or provide any facts, documents, communications, supporting its claim. Continental instead answered:

RESPONSE: At this time, Continental believes that the following facts support the conclusion that production from lease-line wells in the Overlapping Spacing Unit has not interfered with or impacted production from the wells in the Underlying Spacing Unit: the timing of drilling wells in the Overlapping Spacing Unit and in the Underlying Spacing Unit, the producing formations in those wells, the distance between wells, and the volumes of oil and gas produced from those wells over time.

This "Response" is non-responsive. It is a naked, self-serving assertion, lacking any supporting documents, data, or analysis. Nor were there any documents or communications provided by Continental that support the "facts" in this Response.

[¶5] Similarly, in Continental's response to Interrogatory No. 5, they failed to provide even the most basic information or any sort of meaningful response to Andress Sandefer's discovery request. At Interrogatory No. 5, Andress Sandefer asked Continental the following:

Interrogatory No. 5:. Identify and describe any and all facts, documents, or communications supporting your claim that production from the section line wells at issue, the Carson Peak 4-35HSL well (NDIC #35272) and Whitman FIU 13-34HSL1 well (NDIC #38533), do not interfere with or impact production from the other wells in the Underlying Spacing Unit.

Continental responded: "See Continental's response to Interrogatory No. 4, above." Continental did not provide any documents, data, or analysis supporting this claim, that the Carson Peak 4 and

Whitman FIU 13 wells do not interfere with the wells in the Underlying Spacing Unit. At no point did Continental request any extension of time, or ask for a continuance, to provide answers to Andress Sandefer's discovery requests. Instead, Continental decided that the North Dakota Rules of Civil Procedure do not apply to them, refusing to answer the most basic of questions supporting the positions they've taken in this case that go to the very heart of the matter. Nor has Continental supplemented any of its discovery responses despite Andress Sandefer's request.

[¶6] Andress Sandefer also submitted Requests for Production of Documents to Continental. See Exhibit A. Continental, however, did not produce a single item in response to these Requests. Specifically, Request No. 2 asked Continental to produce any and all exhibits, materials, or documents that it intends to offer as evidence or otherwise offer for the Commission's consideration at the June 5 hearing. In response, Continental produced nothing.

[¶7] Since serving its answers and responses to Andress Sandefer's Interrogatories and Requests for Production, Continental has not supplemented those answers to disclose any fact witnesses they intend to call at the June 5 hearing, nor to amend the deficient response regarding expert witnesses to be called, nor to disclose any documents or other evidence which they intend to use during the hearing. Andress Sandefer reached out to Continental's counsel on May 30, 2024, one day after being served with Continental's Responses and Answers, indicating the shortcomings of Continental's responses in light of North Dakota case law and Rules of Civil Procedure. Exhibit B is a true and correct copy of that email. Andress Sandefer made it clear that Continental failed to provide sufficient responses to Andress Sandefer's written discovery requests, and provided the opportunity for Continental to supplement its responses before bringing this motion. Continental provided no response and has not supplemented its responses.

[¶8] For the reasons outlined in this Brief in Support of Andress Sandefer's Motion to Exclude, Continental should be precluded from offering any testimony from fact witnesses and expert witnesses, precluded from introducing any testimony and offering evidence regarding Continental's claim that production from the Overlapping Spacing Unit does not interfere with or impact production from the Underlying Spacing Unit, precluded from introducing any testimony or offering evidence regarding its claims that production from the Carson Peak 4 and Whitman FIU 13 wells do not interfere or impact production from the other wells in the Underlying Spacing Unit, and from producing any exhibits not previously disclosed in response to Andress Sandefer's discovery requests.

### II. LAW AND ARGUMENT

[¶9] This action is subject to the provisions of the Administrative Agency Practice Act ("AAPA"). Under the AAPA and pursuant to N.D.C.C. § 28-32-33(1), "[i]n an adjudicative proceeding, discovery may be obtained in accordance with the North Rules of Civil Procedure." (emphasis added). Thus, Rule 26, and the cases interpreting the same, apply to the proceedings before this Commission – not the case law referenced in Continental's discovery responses.

# A. Continental should be precluded from presenting fact witness testimony as no witnesses were disclosed in response to discovery in contradiction to the requirements of the North Dakota Rules of Civil Procedure.

[¶10] There are two types of testimony—lay witness testimony and expert witness testimony. A party may, through interrogatories, require any other party to identify each expert and non-expert witness the other party expects to call at trial. See N.D.R.Civ.P. 26(e). Rule 26(e) of the North Dakota Rules of Civil Procedure requires supplementation of discovery responses concerning witnesses, providing in part that "[a] party has a duty to timely supplement a response [to an interrogatory] about: (A) the identity and location of persons having knowledge of discoverable

matters." Rule 26(e)(2)(A). An individual with discoverable knowledge includes any individual that may be called as a fact witness to testify at a hearing.

[¶11] "The purpose of Rule 26(e) is to eliminate surprise and allow the opposing party a fair opportunity to meet the evidence at" a hearing. Myer v. Rygg, 2001 ND 123, ¶21, 630 N.W.2d 62. The Supreme Court explained the application of the rule in Dewitz by Nuestel v. Emery, 508 N.W.2d 334, 339 (N.D.1993):

Rule 26[(e)] does not establish a fixed time prior to trial within which interrogatories must be supplemented so as to be seasonable. The determination as to seasonableness is necessarily a case by case determination, within the sound discretion of the trial judge. To be seasonable, however, the supplemental response must be made a reasonable time before trial taking into account the purpose of the rule which is the elimination of surprise at trial.

(emphasis added).

[¶12] These principles apply equally to hearings in which the courts do not condone discovery games and the use of ambush as a litigation technique. See Tormaschy v. Tormaschy, 1996 ND 2, ¶13, 559 N.W.2d 813. See also, Martin v. Trinity Hosp., 2008 ND 176, ¶10, 755 N.W.2d 900 (stating "Trial by ambush will not be condoned."). "Although the Rules of Civil Procedure do not specifically provide sanctions for failure to supplement discovery, the court has inherent authority to impose sanctions for such violations." Kjonass v. Kjonass, 1999 ND 50, ¶18 n.1, 590 N.W.2d 440. This Commission has wide discretion to determine an appropriate sanction, including exclusion of witness testimony. See id.; Wolf v. Estate of Seright, 1997 ND 240, ¶17, 573 N.W.2d 161; Dewitz, 508 N.W.2d at 339.

[¶13] Here, not a single potential fact witness has been disclosed by Continental in response to Andress Sandefer's discovery requests. The elements of surprise and lack of opportunity to meet the evidence at the hearing are glaring here if this Commission permits Continental to present fact witness testimony from individuals never previously disclosed to Andress Sandefer. Moreover,

Andress Sandefer will not have any way of knowing the information within the witness' knowledge that they may testify to. As the use of the technique of ambush is wholly disapproved by North Dakota courts, it is appropriate to exclude the presentation of testimony from fact witnesses not previously disclosed to Andress Sandefer in response to their discovery request to Continental. Continental is not deserving of any special treatment or status exempting them from following the well-established North Dakota Rules of Civil Procedure.

- [¶14] Furthermore, any argument Continental has set forth as to the "appropriate timing" to address the issue of witness identification are misguided. Continental misstates North Dakota law contending the identification of witnesses must be addressed at a pretrial conference. As outlined above in <u>Dewitz</u> and explicitly provided by the Supreme Court, Continental was required to make a "seasonable" supplementation to its discovery response to Andress Sandefer's request to identify fact witnesses. Under North Dakota precedent, what is seasonable depends on the reasonableness of time prior to the hearing "taking into account the purpose of the rule which is the elimination of surprise" at the same. <u>Dewitz</u>, at 339. No adjudicator could reasonably find that entirely failing to supplement discovery responses to identify fact witnesses before the hearing is sufficient to comply with Rule 26(e).
- [¶15] Accordingly, this Commission should exclude Continental's presentation of fact witness testimony during the June 5 hearing for failing to sufficiently respond to and appropriately supplement its answer to Andress Sandefer's Interrogatory No. 2.
  - B. Continental should be precluded from presenting expert testimony from those expert's identified in its Answers to Andress Sandefer's Interrogatories because Continental has failed to adequately respond to discovery requests and properly notify Andress Sandefer of the substance of the facts and opinions to which the experts are expected to testify, or the summary of the grounds for their opinions.
- [¶16] Similarly, Continental should be precluded from presenting expert testimony as it has failed to comply with North Dakota law. Rule 26(b)(4)(A)(i) requires a party to identify each person

whom the party expects to call as an expert witness at trial and to state: "(1) the subject matter on which the expert is expected to testify; (2) the substance of the facts and opinions to which the expert is expected to testify; and (3) a summary of the grounds for each opinion." Rule 26 requires parties to "fully, completely, and fairly disclose the subject matter on which their expert witnesses will testify at trial and the substance of their expert witnesses' testimony." Rittenour v. Gibson, 2003 ND 14, ¶ 31, 656 N.W.2d 691. Continental did none of these things, failing to even remotely comply with Rule 26.

[¶17] The purpose behind the rules of requiring timely disclosure of expert witnesses is to eliminate surprise and allow the opposing party a fair opportunity to meet the evidence at trial. Clark v. Clark, 2006 ND 182, ¶ 8, 721 N.W.2d 6.

[¶18] Continental identified TeJay Botchlet, Sarah Hale, and Mark Oekerman as individuals it intends to testify as expert witnesses at trial. See Exhibit A, Response to Interrogatory No. 3. In its expert disclosure, Continental fails to state in any form what Botchlet, Hale, and Oekerman will rely upon in offering expert testimony. Additionally, Continental fails to state with any specificity the subject matter on which these individuals are expected to testify as experts, the substance of the facts and opinions to which these individuals are expected to testify as experts, or a summary of the grounds for their opinions as required by Rule 26. Instead, Continental vaguely states that these individuals will testify as experts without fully, completely, or fairly disclosing the subject matter on which these individuals will testify as experts throughout this litigation. Continental's deficient disclosures are the first time any of these names were mentioned in these proceedings. Thus, Andress Sandefer is left guessing at what these individuals will testify to as experts at the hearing. "The purpose of the disclosure requirement is to eliminate surprise at trial," Rittenour, at ¶ 31, and Continental's expert disclosure wholly fails to satisfy this purpose. Considering the same,

Botchlet, Hale, and Oekerman must be excluded from testifying as expert witnesses at the June 5 hearing.

[¶19] Furthermore, Rule 26(e) equally applies to supplementing responses identifying expert witnesses and their testimony. Rule 26(e)(2)(B). Our Supreme Court has affirmed that exclusion of expert testimony is warranted when a party fails to timely disclose an expert witness when requested by interrogatory. See, e.g., Perius v. Nodak Mut. Ins. Co., 2012 ND 54, ¶ 14, 813 N.W.2d 580; Loper v. Adams, 2011 ND 68, ¶ 16, 795 N.W.2d 899; Clark, 2006 at ¶¶ 8-10; Dewitz by Nuestel v. Emery, 508 N.W.2d 334, 338-40 (N.D. 1993). Rule 26(e) requires a party to supplement or correct its response to an interrogatory "in a timely manner if the party learns that in some material respect the response is incomplete or incorrect[.]" Rule 26(e)(1)(A). The "district court has discretionary authority in determining appropriate sanctions for a party's failure to timely supplement interrogatories by disclosing the identity of an expert witness and the substance of the expert's testimony," including exclusion of the expert's testimony. Clark, 2006 ND 182, ¶¶ 8, 10. [\quad 20] In Perius, the Court found that the plaintiff had failed to comply with Rule 26 in disclosing an expert witness. 2012 ND 54, 813 N.W.2d 580. In that case, the plaintiff disclosed multiple expert witnesses providing broad statements identifying the subject matter and substance of the expected testimony of each. <u>Id</u>. at ¶ 11. These lists were even more descriptive than those provided by Continental here. Compare Exhibit A, Response No. 3 with Perius, at ¶ 11. The plaintiff also provided the "grounds" for the expert testimony, which included a description of the records reviewed and reference to education and experience. Perius, at ¶ 11. The defendant provided written notice to the plaintiff that the witness disclosure did not comply with Rule 26. Id. The plaintiff, however, did not change the contents of its responses to the defendant's interrogatory in its amended response. <u>Id</u>. at ¶ 12. The defendant moved for summary judgment, which was granted in part due to the plaintiff's failure to comply with Rule 26. Id. The plaintiff appealed. Id.

[¶21] The Supreme Court on appeal found that the disclosures were insufficient under Rule 26. Id. at ¶ 14. The Court noted that, significantly, the plaintiff was aware that his expert disclosures were insufficient and failed to supplement his responses despite his duty to do so. Id. Although the deficiencies in the expert disclosure could have been remedied through supplementation, where the plaintiff entirely failed to make such remedy, the plaintiff was precluded from using the expert therein identified. Id.

[¶22] Here, as previously noted, Continental was provided notice by Andress Sandefer's counsel the day after it served its deficient discovery responses that those discovery responses were insufficient, did not comply with our Rules of Procedure, and specifically, that the expert disclosures did not comply with the requirements of Rule 26. Exhibit B. A comparison between the disclosures provided by the plaintiff in Perius with those provided by Continental also demonstrates how dramatically insufficient Continental's responses are. Where Continental has failed to remedy such deficiencies, it is appropriate for this Commission to preclude the introduction of expert testimony by any of the experts offered by Continental.

[¶23] Of additional importance is the fact that Continental offers experts on areas that are not germane as to expert testimony. For example, Continental lists Botchlet to testify as an expert on areas, including, "the Applicants inaction and delay in seeking the relief sought in their Application." Any alleged inaction and delay in the application process noted by Continental is likely not a subject for expert testimony. Rule 702 of the North Dakota Rules of Evidence provide that expert witness testimony may only be provided where the testimony is based on the expert's scientific, technical, or other specialized knowledge – none of which would be necessary to testify

as to the timing of seeking relief through an application. <u>See</u> Rule 702. In that same vein, Continental failed to provide any background information requested in Interrogatory No. 3(d) which would enable Andress Sandefer to assess the qualifications and knowledgebase of each purported expert. Without such information, Andress Sandefer is unable to properly prepare for the testimony of the purported witnesses at the hearing.

[¶24] The numerous shortcomings of Continental's responses to Andress Sandefer's Interrogatory requesting information regarding Continental's experts warrants exclusion of testimony from any identified and unidentified experts at the June 5 hearing.

C. Continental should be precluded from presenting expert testimony from those expert's identified in its Answers to Andress Sandefer's Interrogatories because Continental has failed to adequately respond to discovery requests and produce any evidence whatsoever.

[¶25] In addition to exclusion of witness testimony, any evidence in the form of exhibits must be excluded from introduction at the June 5 hearing. Under Rule 26(b)(1)(A), parties may obtain discovery regarding "any nonprivileged matter that is relevant to any party's claim or defense, including the existence, description, nature, custody, condition, and location of any documents[ and] electronically stored information....." As previously noted, a party who has responded to an interrogatory or request for production <u>must</u> supplement its response in a timely manner if the party learns that, in some material respect, the response is incomplete or incorrect, and if the additional or corrective information has not otherwise been made known to the parties during the discovery process. Rule 26(e)(1).

[¶26] A party's failure to disclose evidence which may be offered as exhibits during a hearing when such information was specifically requested by the opposing party goes against the procedural rules and principles in North Dakota. "The purpose of Rule 26(e) is to eliminate surprise and allow the opposing party a fair opportunity to meet the evidence at" a hearing. Myer, at ¶ 21.

As noted, the Supreme Court has expressly rejected ambush as a litigation technique, and refuses to allow a party to play discovery games. See Tormaschy, at ¶ 13; Martin, at ¶ 10.

There is no question that, here, Continental has failed to provide a single document or other item of evidence which may be introduced at the hearing. In response to each of Andress Sandefer's Requests for Production of documents, Continental produced no information, including documents Continental intends to offer during the June 5 hearing. Continental provides in Response to Request No. 2 that "the request is premature because Continental has not yet finalized the exhibits, materials or documents that it intends to offer as evidence at the hearing in this matter." Id. As of June 4, 2024, one day before the hearing, Continental has yet to provide any materials which it allegedly is "finalizing" for the hearing. Continental also had 30 days to provide its exhibits – and Andress Sandefer has disclosed all of its exhibits in response to Continental's discovery requests – and knew of this hearing date for several months. This is entirely prejudicial to Andress Sandefer as they will have no opportunity to examine and prepare a response or gather rebuttal evidence to the materials Continental will attempt to produce as exhibits. See Loper, at ¶ 16. That is the very definition of trial by ambush. Andress Sandefer should not now be prejudiced for complying with the Rules of Procedure and appropriately engaging in discovery while Continental has entirely failed to do the same.

[¶28] Additionally, Continental has a duty to seasonably supplement its responses to Andress Sandefer's discovery requests. In <u>Kjonaas</u>, the Court held that supplementation of discovery with an expert appraisal document the afternoon before trial <u>did not</u> occur a reasonable period before trial. <u>Kjonaas</u>, 1999 ND 50, ¶ 16. There is no question that any supplementation Continental may now attempt less than 24 hours before the hearing is set to begin is not seasonable in light of <u>Kjonaas</u>, and the purpose of Rule 26(e): to prevent unfair surprise. <u>See Myer</u>, at ¶ 21. To allow

Continental to produce exhibits which have not been produced to Andress Sandefer, or are

produced a mere day before the hearing, would materially prejudice Andress Sandefer. Exclusion

of any such exhibits ought to be granted by this Commission.

[¶29] For the same reasons described herein, Continental should also be excluded from offering

any testimony or evidence regarding its claims that production from the Overlapping Spacing Unit

does not interfere with production from the Underlying Spacing Unit (Interrogatory No. 4); or any

facts or documents supporting Continental's claim that production from the Carson Peak 4 and

Whitman FIU 13 section line wells do not interfere with or impact production from the wells in

the Underlying Spacing Unit (Interrogatory No. 5). Continental did not provide any documents,

data, analysis, or actual facts supporting either of these claims in response to Andress Sandefer's

discovery requests.

III. CONCLUSION

[¶30] For the reasons stated herein, Andress Sandefer respectfully request the Commission

exclude testimony of fact witnesses and expert witnesses presented by Continental, and exclude

Continental's introduction and use of exhibits which have not previously been disclosed at the

June 5, 2024 hearing.

Dated this 4th day of June, 2024.

**VOGEL LAW FIRM** 

/s/ Joshua A. Swanson

BY: Joshua A. Swanson (#06788)

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Fargo, ND 58107-1389

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ATTORNEYS FOR PETITIONERS

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# BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS, MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, "BOB" FULWILER, ROBERT **MCTAN** HOLDINGS, LP, TEJON EXPLORATION, INC., RANDA K. UPP, AND HALBERT, TO **CONSIDER** THE ALLOCATION OF **PRODUCTION** ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING **SPACING UNIT** CONSISTING SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2. TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

DECLARATION OF JOSHUA A. SWANSON

STATE OF NORTH DAKOTA	)
	) SS
COUNTY OF CASS	)

- [¶1] I, Joshua A. Swanson, do hereby declare and state as follows:
- 1. I am the attorney for the Applicants in this matter, and am a duly licensed attorney in the State of North Dakota.
- 2. Attached at Exhibit A is a true and accurate copy of Continental's discovery responses to Andress Sandefer's discovery requests, which also contains Andress Sandefer's discovery requests including Interrogatories and Requests for Production of Documents to Continental.

3. Attached at Exhibit B is a true and accurate copy of the May 30, 2024, email that I sent to Continental addressing the deficiencies with their discovery responses to Andress Sandefer, including their failure to comply with N.D.R.Civ.P. 26. At no point has Continental supplemented its discovery responses in response to my email, and at no point did their counsel call me to discuss supplementing their responses.

FURTHER DECLARANT SAYETH NOT.

Dated this 4<sup>th</sup> day of May, 2024.

### **VOGEL LAW FIRM**

/s/ Joshua A. Swanson

BY: Joshua A. Swanson (#06788) 218 NP Avenue PO Box 1389 Fargo, ND 58107-1389

Telephone: 701.237.6983

Email: jswanson@vogellaw.com
ATTORNEYS FOR PETITIONERS

### EXHIBIT A

## OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS. MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, ROBERT "BOB" FULWILER, MCTAN HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT, TO CONSIDER THE ALLOCATION OF PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT CONSISTING OF SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2, TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

CONTINENTAL RESOURCES, INC.'S
RESPONSES TO PETITIONERS'
INTERROGATORIES AND
REQUESTS FOR PRODUCTION OF
DOCUMENTS

Continental Resources, Inc. ("Continental") responds to Petitioners' Interrogatories and Requests for Production of Documents to Continental Resources, Inc. (the "Discovery Requests") as follows:

### **INTERROGATORIES**

1. Identify by name and address all persons contributing information or assisting in answering these Discovery Requests.

**RESPONSE:** Objection: This interrogatory seeks information that is protected from discovery by the attorney work product doctrine and also is overbroad as to "all persons." Without waiving the objection, the following individuals assisted in preparing responses to these discovery requests: David Bengtson, Jenn Kaiser, Rob Forward, TeJay Botchlet, Sarah Hale, and Mark Oekerman.

- 2. Identify all fact witnesses, including their address and employer, that you intend to call at the hearing set in this matter, currently scheduled for June 5, 2024.
  - a. For each fact witness, identify the subject matter of their expected testimony as related to Petitioners' claim, or Continental's defenses to Petitioners' claim; and
  - b. Identify any exhibits, reports, or other demonstrative materials you will be offering, and/or relying upon, during their testimony.

RESPONSE: Objection: This interrogatory seeks information that is protected from discovery by the attorney work product doctrine. Moreover, Continental is not required to provide information during discovery about any non-expert witnesses. "Ordinarily...discovery is not the stage of litigation at which a party identifies its prospective witnesses." Brock v. R.J. Auto Parts and Service, Inc., 864 F.2d 677, 679 (10th Cir. 1988); see Brennan v. Engineered Products, Inc., 506 F.2d 299, 303 n. 2 (8th Cir. 1974); Wirtz v. Continental Finance & Loan Co., 326 F.2d 561, 564 (5th Cir. 1964). If witnesses are to be identified prior to hearing, a pretrial conference is the appropriate time to address this issue. See id. at 679; 304; 564. In this case, the Commission has not entered a pre-hearing scheduling order requiring the parties to identify their witnesses prior to the hearing.

- 3. Identify by name, address, employer, and field of expertise, each and every person whom you expect to call as an expert witness at the June 5, 2024 hearing set in this matter, and:
  - a. state the subject matter upon which each such expert is expected to testify;
  - b. the substance of the facts and opinions to which each such expert is expected to testify;
  - c. a summary of the grounds for each such expert's opinion;

- d. a complete resume of each such expert's educational and employment background, together with a list of any articles or published works which such expert has authored; and
- e. and whether or not said expert has prepared a written report.

**RESPONSE:** Continental may call the following witnesses to testify at the hearing in this case and who may offer expert testimony:

TeJay Botchlet; Land Supervisor, Bakken North; Continental Resources, Inc.; Petroleum Land and Regulatory. Mr. Botchlet may offer expert testimony at the hearing regarding the following subjects: the history of the spacing, pooling and development of the Oakdale Field and the Oakdale-Bakken Pool, including the spacing and pooling cases that have been involved in that development; the Applicants inaction and delay in seeking the relief sought in their Application; the interpretation and application of applicable the pooling and spacing orders; the impact and effects of the relief requested by Applicants in this case, including the relief not requested by Applicants; and how operators other than Continental allocate or do not allocate production from lease line wells in overlapping spacing units. Mr. Botchlet has not prepared a written expert report.

Sarah Hale; Resource Development Manager – Williston Basin; Continental Resources, Inc., Petroleum Reservoir Engineering. Ms. Hale may offer expert testimony at the hearing regarding the following subjects: the development of the Overlapping Spacing Unit, the Underlying Spacing Unit and the other spacing units in the Oakdale Field; the

production from and performance of the wells in the Overlapping Spacing Unit, the Underlying Spacing Unit and the Oakdale Field; the absence of any impact on the wells in the Underlying Spacing Unit from the wells in the Overlapping Spacing Unit; and that the allocation of production from the section-line wells to the land within the Overlapping Spacing Unit, and not to the Underlying Spacing Unit, is a fair and equitable allocation of production from those wells. Ms. Hale has not prepared a written expert report.

Mark Oekerman; Director, Exploration & Subsurface Performance; Continental Resources, Inc., Petroleum Geology. Mr. Oekerman may offer expert testimony at the hearing regarding his understanding and interpretation of the subsurface geology and structures in the Oakdale Field and the impact and effect on the production from the wells drilled in and producing from that field.

The exact nature and scope of the testimony of those witnesses at the hearing has not been finalized and Continental reserves the right for each of those witnesses to testify as to such other and further matters within their respective areas of expertise and relevant to allegations in the Application. Continental further reserves the right for those witnesses, or other witnesses, to testify as to any and all other matters in response to evidence introduced by Applicants at the hearing.

4. Identify and describe any and all facts, documents, or communications supporting your claim that production from the Overlapping Spacing Unit does not interfere with or impact

production from the Underlying Spacing Unit.

**RESPONSE:** At this time, Continental believes that the following facts support the

conclusion that production from lease-line wells in the Overlapping Spacing Unit has not

interfered with or impacted production from the wells in the Underlying Spacing Unit:

the timing of drilling wells in the Overlapping Spacing Unit and in the Underlying Spacing

Unit, the producing formations in those wells, the distance between wells, and the

volumes of oil and gas produced from those wells over time. Continental reserves the

right to rely on other and additional facts to support that conclusion at the hearing in this

matter.

5. Identify and describe any and all facts, documents, or communications supporting your claim that production from the section line wells at issue, the Carson Peak 4-35HSL well (NDIC #35272) and Whitman FIU 13-34HSL1 well (NDIC #38533), do not interfere with or impact production from the other wells in the Underlying Spacing Unit.

RESPONSE:

See Continental's response to Interrogatory No. 4, above.

### REQUESTS FOR PRODUCTION OF DOCUMENTS

1. Any and all documents identified in your Answers to Interrogatories, which constitute or contain matters within the scope of Rule 34 and which are in your possession, custody, or control.

**RESPONSE:** No documents were specifically referred to and identified in Continental's answers to Interrogatory Nos. 3, 4 & 5, above.

2. Any and all exhibits, materials, or documents that you intend to offer as evidence, or otherwise offer for the Commission's consideration, at the June 5, 2024, hearing.

**RESPONSE:** Objection: This requests seeks information that is protected from

discovery by the attorney work product doctrine. In addition, the request is

premature because Continental has not yet finalized the exhibits, materials or

documents that it intends to offer as evidence at the hearing in this matter.

3. Any and all documents identified in your response to Interrogatory No. 2.

**RESPONSE:** None

4. Any and all documents identified in your response to Interrogatory No. 3.

**RESPONSE:** None

5. Any and all reports prepared by an expert witness that you intend to offer as evidence, or otherwise offer for the Commission's consideration, at the June 5, 2024 hearing.

**RESPONSE:** None

6. Any documents identified in your response to Interrogatory No. 4.

**RESPONSE:** No documents were identified in Continental's response.

7. Any documents identified in your response to Interrogatory No .5.

**RESPONSE:** No documents were identified in Continental's response.

Dated this 29th day of May, 2024.

/s/ David E. Bengtson

David E. Bengtson (#08486)

STINSON LLP

1625 N. Waterfront Parkway, Suite 300 Wichita, KS 67206 david.bengtson@stinson.com Telephone 316.265.8800

Robin Wade Forward (#05324) **STINSON LLP** 424 South Third Street, Suite 206 Bismarck, ND 58504 rob.forward@stinson.com Telephone 701.221.8603

ATTORNEYS FOR CONTINENTAL RESOURCES, INC.

### **CERTIFICATE OF SERVICE**

The undersigned certifies that a true and correct copy of the foregoing Continental Resources, Inc.'s Responses to Petitioners' First Set of Interrogatories and Requests for Production of Documents was served via electronic mail, in the above-captioned matter on this 29th day of May, 2024 as follows:

Joshua A. Swanson Vogel Law Firm 218 NP Avenue P.O. Box 1389 Fargo, ND 58107-1389 jswanson@vogellaw.com Attorney for Applicants

/s/ David E. Bengtson
David E. Bengtson

### **EXHIBIT B**

From: <u>Joshua A. Swanson</u>

To: Bengtson, David; rob.forward@stinson.com

Cc: <u>Tracy A. Ottum</u>

Subject: RE: NDIC Case No. 30604

**Date:** Thursday, May 30, 2024 10:29:20 AM

### David,

Good morning. I'm hopeful we can avoid a motion with respect to Continental's deficient discovery responses, but, as it stands, Continental's responses are deficient in several respects and do not comply with the North Dakota Rules of Civil Procedure. Pursuant to N.D.C.C. 28-32-33(1), "In an adjudicative proceeding, discovery may be obtained in accordance with the North Dakota Rules of Civil Procedure." The cases cited by Continental are wholly inapplicable to these proceedings. Not a single case involves North Dakota law or our Rules of Procedure. N.D.R.Civ.P. 26(a) is crystal clear. Andress Sandefer "may obtain discovery regarding any nonprivileged matter that is relevant to any party's claims or defense, including ... the identify and location of persons who know of any discoverable matter." The identify of fact witnesses that Continental intends to call next week is within the scope of Rule 26, as those witnesses, presumably, would offer testimony relevant to Continental's claims and defenses.

With respect to Interrogatory No. 2, Continental refuses to identify any fact witnesses that it may call. The identity of fact witnesses, and the subject of their testimony, is not work product. As Mr. Forward is certainly aware, it is standard practice in North Dakota, with respect to written interrogatories, to request an opposing party to identify their fact witnesses and the nature of their testimony. Rule 26(e) (2) states that a party has a duty to supplement responses with the identify and location of persons having knowledge of discoverable matters. There is nothing in North Dakota's Rules of Civil Procedure that state a pretrial conference is the appropriate time to address this issue. In Kionass v. Kionass, 1999 ND 50, 590 NW2d 440, our Supreme Court explained that the purpose of Rule 26(e) is to eliminate surprise and allow the opposing party a fair opportunity to meet the evidence at trial. As our Court has repeatedly stated, discovery games and trial by ambush are not acceptable. "The use of trial by ambush is not an acceptable trial technique." Tormaschy v. Tormaschy, 1997 ND 2, ¶ 13, 559 N.W.2d 813. See also Martin v. Trinity Hosp., 2008 ND 176, ¶ 10, 755 N.W.2d 900 (stating, "Trial by ambush will not be condoned.") By failing to disclose its witnesses, and subject matter of their expected testimony, Continental is violating Rules 26 and 33. If Continental seeks to offer testimony from any fact witness at the hearing that it did not disclose in its discovery responses, which it would certainly have known about when responding to Andress Sandefer's written discovery requests, Andress Sandefer will object to the same and seek to exclude their testimony in full, including having a brief prepared for the Commission's consideration at the hearing.

Similarly, Continental's response to Interrogatory No. 3 regarding its expert disclosures is deficient. "Parties must fully, completely, and fairly disclose the subject matter on which their expert witnesses will testify at trial and the <u>substance of their expert witnesses' testimony</u>." *Wolf,* 1997 ND 240, ¶ 17, 573 N.W.2d 161 (citing N.D.R.Civ.P. 26(e)(1)(B)) (emphasis added). The purpose of this disclosure requirement is to allow the opposing party a fair opportunity to meet the evidence and eliminate surprise at trial." <u>Perius v. Nodak Mut. Ins. Co.</u>, 2012 ND 54, ¶¶ 9 and 10, 813 N.W.2d 580. A party must also provide "a summary of the grounds for each [expert] opinion." <u>Troubadour Oil & Gas, LLC v. Rustad</u>, 2022 ND 191, ¶ 12, 981 N.W.2d 918. Rule 26 also requires "the substance of the facts and opinions to which the expert is expected to testify." Rule 26(b)(4)(A)(i).

Continental does not provide any summary or grounds for any of its proffered expert's opinions, nor does Continental provide the substance of the facts and the opinions to which each of its experts is expected to testify. Continental simply lists, in a broad and summary fashion, a cornucopia of vaguely described subject matter on which its experts may testify. Further, Continental offers experts on areas that are not germane as to expert testimony. For example, Continental lists TeJay Botchlet to testify as an expert on areas, including, "the Applicants inaction and delay in seeking the relief sought in their Application." In addition to objecting to the foundation and qualifications as to any proffered fact testimony from this witness, any alleged inaction and delay is likely not a subject for expert testimony. Finally, Andress Sandefer will object to the qualifications of all the experts listed by Continental as its discovery responses did not answer or remotely address Interrogatory No. 3(d), which asks for a copy of any experts resume, educational and employment background, and other background information that would establish the qualifications of these witnesses as an expert.

The fact all the questions in Andress Sandefer's Interrogatory No. 3(a) - (d) must be answered is further supported by the fact Continental's written requests to Andress Sandefer ask for identical information at Interrogatory No. 2, which Andress Sandefer will be serving later today, including a full expert report and resume of its expert witness. It is manifestly unjust for Continental to request the same information that Andress Sandefer did, with respect to expert witnesses, for Andress Sandefer to provide a full report that addresses all the areas required by Rule 26(b)(4)(A)(i), and for Continental to fail to provide the substances of the facts and opinions to which each of its experts is expected to testify under Rule 26, and a summary of the grounds for each opinion.

It is my expectation that Continental will supplement its discovery responses before 5:00p tomorrow, Friday May 31, to bring them into compliance with Rules 26 and 33. If Continental fails to do so, Andress Sandefer will seek the exclusion of Continental's experts and fact witnesses at next week's hearing. Andress Sandefer will also object by any attempt by Continental to offer any reports or exhibits through experts that were not disclosed in discovery.

I am available for a phone call to discuss between now and tomorrow.

Joshua A. Swanson | Attorney
T: 701.237.6983 | F: 701.356.6395
vogellaw.com | jswanson@vogellaw.com

**From:** Bengtson, David <david.bengtson@stinson.com>

**Sent:** Wednesday, May 29, 2024 4:45 PM

**To:** Joshua A. Swanson <jswanson@vogellaw.com> **Cc:** Forward, Robin Wade <Rob.Forward@stinson.com>

Subject: NDIC Case No. 30604

Josh,

Attached are Continental's responses to the written discovery served by Applicants in Case No. 30604.

David

David E. Bengtson

Partner

# STINSON LLP

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From: Joshua A. Swanson

To: "Bengtson, David"; Garner, David P.; "Desirae Zaste"; -Info-Oil & Gas Division; Forsberg, Sara L.; Helm, Kerrie L.; Forward,

Robin Wade

Cc: <u>Derrick Braaten; Tracy A. Ottum</u>

Subject: NDIC Case No. 30604 / Andress Sandefer Response to Continental"s Motion to Limit Scope and Testimony

**Date:** Tuesday, June 4, 2024 1:21:50 AM

Attachments: Outlook-A black an

Andress Sandefer Response to Continental Motion to Limit Testimony.pdf

Swanson Declaration.pdf Petitioners Exhibit 1.pdf Petitioners Exhibit 3.pdf Petitioners Exhibit 4.pdf

\*\*\*\*\* CAUTION: This email originated from an outside source. Do not click links or open attachments unless you know they are safe. \*\*\*\*\*

Petitioners Exhibit 2.pdf

Dear Commission,

Please find attached Andress Sandefer's Response Brief to Continental Resources' Motion to Limit Scope of Hearing. Also attached is my supporting Declaration along with Andress Sandefer's Exhibits 1 - 4. Exhibit 2 is the 498 pages of documents produced in discovery to Continental Resources regarding the Applicants' expert witness, Mr. Dwayne Stewart, his Resume and CV, and his expert reports.

If you have any issues opening any of the attachments, please let me know.

Thank you.



Joshua A. Swanson | Attorney T: 701.237.6983 | F: 701.356.6395 vogellaw.com | iswanson@vogellaw.com

From: Joshua A. Swanson

**Sent:** Monday, June 3, 2024 12:09 PM

**To:** 'Bengtson, David' <david.bengtson@stinson.com>; 'Desirae Zaste' <desirae@braatenlawfirm.com>; oilandgasinfo@nd.gov <oilandgasinfo@nd.gov>; Forsberg, Sara L. <slforsberg@nd.gov>; masagsve@nd.gov <masagsve@nd.gov>; khelm@nd.gov <khelm@nd.gov>; Forward, Robin Wade <Rob.Forward@stinson.com>

Cc: Derrick Braaten <derrick@braatenlawfirm.com>

Subject: RE: NDIC Case No. 30604 / Objection to Motions to Intervene and Request for Continuance

Dear Commission,

In response to Mr. Bengston's statement/suggestion that Continental's motion to limit scope could be heard on June 4 if the Commission grants the motions to intervene and continue, Andress Sandefer's preference is to take that motion up at the later date if the Commission grants the motions to intervene and continues this matter.

If the Commission denies the motions to intervene and does not continue this matter, and proceeds with the hearing this Wednesday, Andress Sandefer will file their response to Continental's motion to limit scope later today, and be prepared to address it this Wednesday.



# Joshua A. Swanson | Attorney

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From: Bengtson, David <david.bengtson@stinson.com>

**Sent:** Monday, June 3, 2024 11:48 AM

**To:** Joshua A. Swanson < jswanson@vogellaw.com>; 'Desirae Zaste' < desirae@braatenlawfirm.com>; oilandgasinfo@nd.gov; Forsberg, Sara L. < slforsberg@nd.gov>; masagsve@nd.gov; khelm@nd.gov; Forward, Robin Wade < Rob.Forward@stinson.com>

Cc: Derrick Braaten <derrick@braatenlawfirm.com>

Subject: RE: NDIC Case No. 30604 / Objection to Motions to Intervene and Request for Continuance

Mr. Hearing Examiner,

Continental Resources, Inc. ("Continental") is in receipt of the Petitions to Intervene filed by Rodney Rychner, Sheila Murphy, Shirley Meyer and Dean Meyer in Case No. 30604. We have also received the motion filed by their attorney, Derrick Braaten, to continue the hearing on the merits that is currently set for June 4. Please consider this as Continental's response to those motions.

Continental supports the petitions to intervene because these mineral owners' rights could be adversely impacted by the relief sought by Applicants. In fact, their interests in the outcome of these proceedings is substantial — Continental estimates that the intervenors would be required to forfeit more than \$550,000 in revenue that they have already received if the relief sought by Applicants is granted, not to mention the impact on their future revenues. Moreover, Continental raised the issue of Applicants' failure to name those owners as parties in its motion to dismiss that was filed early in these proceedings. As to that issue, that motion to dismiss has not been ruled upon and remains pending. As stated in Continental's Pre-Hearing Brief, Continental does not waive and continues to rely on that basis for dismissal.

Continental also supports the motion to continue the hearing so that those intervening mineral owners can fully and meaningfully participate. Any possible prejudice from a continuance was self-inflicted by Applicants failure to name the intervenors as parties, and is clearly outweighed by the right of the mineral owners to be heard and to participate in this case. Moreover, if everyone is in agreement, the June 4 hearing can still be used to argue Continental's motion to limit the scope of the hearing to the issues plead and relief sought in the Application since all parties would benefit from a ruling delineating the scope of the issues to be heard and the relief sought. However, that motion can also be argued later at a mutually agreeable date if Mr. Swanson wants more time for briefing.

Continental would also urge a prompt ruling on the motion to continue the hearing on the merits of this matter. Regarding Mr. Swanson's desire for a hearing date in July or August, Continental is agreeable to that subject to witness and counsel availability.

Thank you,

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From: Joshua A. Swanson < jswanson@vogellaw.com>

**Sent:** Monday, June 03, 2024 11:13 AM

**To:** 'Desirae Zaste' < desirae@braatenlawfirm.com >; oilandgasinfo@nd.gov; Forsberg, Sara L.

<slforsberg@nd.gov>; masagsve@nd.gov; khelm@nd.gov; Bengtson, David <david.bengtson@stinson.com>;

Forward, Robin Wade < Rob.Forward@stinson.com > Cc: Derrick Braaten < derrick@braatenlawfirm.com >

Subject: RE: NDIC Case No. 30604 / Objection to Motions to Intervene and Request for Continuance

### **External Email - Use Caution**

Dear Commission,

Good morning. If Andress Sandefer consented to the request for a continuance – or the Commission was inclined to grant the petitions to intervene and continue this matter even over Andress Sandefer's objection to a continuance – are there any hearing dates available in July or August for this evidentiary hearing.

I've spoken with Attorney Braaten via email this morning about any discovery his clients would need should the Commission grant his motions to intervene and to continue. If I'm misstating your position, Derrick, please correct me. My understanding is that the proposed intervenors that Derrick represents do not see the need for a lot of discovery (potentially some Rule 30(b) depositions). It sounds like a July or August hearing date would work for Derrick's clients, and if the Commission is inclined to grant the motions to intervene and continue this, then Andress Sandefer would likewise desire a hearing in July or August (if that date worked for everyone).

Having said that, Andress Sandefer objects to any continuance and the motions to intervene. The Andress Sandefer group and its expert witness are scheduled to fly to Bismarck tomorrow morning, June 4. Given the fact we're set for a hearing on Wednesday (and my clients are scheduled to fly here tomorrow), if the Commission's plans to grant the motions to intervene and continue this, I'd respectfully ask that the Commission consider this e-mail Petitioners', Andress Sandefer et al., Response to the proposed intervenor's motions which were just filed this morning. Given the tight timeline here, and the travel windows my clients are on, respectfully, I'd prefer if at all possible to let my clients know today if this matter is being continued and the proposed intervenor's motions are being granted versus them traveling to North Dakota tomorrow morning only to learn the hearing was continued and the motions to intervene granted.

I'll note that the issue of additional parties being necessary to this case was previously raised by Continental in its motion to dismiss, and addressed in Andress Sandefer's Response Brief filed on December 29, 2023. Andress Sandefer argued that:

[ $\P$ 55] Similarly, the Supreme Court failed to adopt Continental's argument that every single owner in overlapping and underlying units needed to be added before the Court could proceed with answering whether production from lease-line wells in overlapping units must be allocated across underlying units. See Continental Amicus at  $\P\P$  13 – 14. The Supreme Court proceeded in Dominek with answering the first certified question over Continental's objection, and sent the remaining four questions back for determination to the District Court. The District Court then held the Commission had jurisdiction over the questions. What's more, there's nothing in Chapter 38-08, or N.D.C.C. § 38-08-11(4), that requires or even implies that Andress Sandefer must add every owner in and outside the Oakdale Field who has interests in an overlapping or underlying spacing unit with a lease-line well. The statute – N.D.C.C. § 38-08-11(4) – allows Andress Sandefer, as an interested party, to bring their Application to the Commission for determination as an absolute right. 10

[¶56] If the Commission, however, believes every single owner in overlapping and underlying spacing units where there are lease-line wells needs to be added, then the remedy is not dismissal with prejudice, but for the Commission to grant Andress Sandefer leave to add all of those parties to this matter, and to order that Continental provide the contact information for every such owner in their lease-line wells so those parties can be added. Fortunately, there is nothing in Chapter 38 – 08 that requires every similarly situated owner be added before proceeding with the hearing on Andress Sandefer's Application and the Commission deciding it on the merits.

FN10 stated: It's also quite rich for Continental to suddenly feign concern that all the potentially impacted owners in overlapping and underlying spacing units where there are lease-line wells be added to this matter when Continental did not provide actual notice to Andress Sandefer, or any other similarly situated owners in the Underlying Spacing Unit, when it decided not to allocate any production from Carson Peak 4 and Whitman FIU 13 Wells in the Overlapping Spacing Unit across the Underlying Spacing Unit.

After the February hearing, when setting the evidentiary hearing for this Wednesday, the Commission did not require that Andress Sandefer join every other potentially impacted owner as Continental requested.

In sum, Andress Sandefer objects to the proposed intervenor's motions and any continuance as this matter has been pending since last fall and the Andress Sandefer group have made travel plans to be in Bismarck starting tomorrow. What's more, the Commission did not require, when setting the evidentiary hearing for this Wednesday, that Andress Sandefer add any additional parties.

Andress Sandefer will, of course, abide by and respect any decision by the Commission as to whether to continue this – but respectfully asks the Commission, given the time and travel issues involved, to let the parties know today, if that's possible, whether the motions will be granted and the hearing continued so Andress Sandefer does not end up flying to Bismarck for a hearing that will be continued to a later date.

Thank you.



### T: 701.237.6983 | F: 701.356.6395 vogellaw.com | jswanson@vogellaw.com

From: Desirae Zaste < desirae@braatenlawfirm.com >

Sent: Monday, June 3, 2024 9:11 AM

To: oilandgasinfo@nd.gov; Forsberg, Sara L. <slforsberg@nd.gov>; masagsve@nd.gov; khelm@nd.gov; Joshua

A. Swanson < jswanson@vogellaw.com>; david.bengston@stinson.com; rob.forward@stinson.com

Cc: Derrick Braaten < derrick@braatenlawfirm.com>

Subject: NDIC Case No. 30604

Good morning,

Attached for filing and service are the following documents:

- Petition to Intervene for Rodney Rychner;
- Petition to Intervene for Sheila Murphy;
- Petition to Intervene for Shirley and Dean Meyer;
- Motion to Continue Hearing;
- Brief in Support of Motion to Continue Hearing;
- Declaration of Derrick Braaten in Support of Motion to Continue Hearing; and
- Declaration of Service.

Thank you.

## Desirae Zaste! Certified Paralegal



Braaten Law Firm

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# BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS. MELISSA SANDEFER, JULIE SANDEFER. LISA SANDEFER, THOMAS THOMPSON. "BOB" **ROBERT** FULWILER, **MCTAN** HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID **CONSIDER** HALBERT, TO THE ALLOCATION OF **PRODUCTION** ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING **SPACING** UNIT **CONSISTING** SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH. RANGE 96 WEST AND SECTION 2. TOWNSHIP 146 NORTH, RANGE 96 WEST. DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

PETITIONERS' RESPONSE TO CONTINENTAL RESOURCES, INC.'S, MOTION TO LIMIT SCOPE OF HEARING TO ISSUES AND RELIEF REQUESTED IN THE APPLICATION

[¶1] The Commission should deny Continental Resources, Inc.'s, motion to limit the scope of hearing to issues and relief requested in the application because it is nothing more than an unsupported and blatant attempt to exclude relevant testimony from the only properly disclosed expert in this case, Mr. Dwayne T. Stewart, MBA, P.E., Managing Member of Foundation Energy, LLC, in Houston, Texas.

[¶2] Stewart was the only expert properly disclosed by either of the parties pursuant to N.D.R.Ev. 26 who is expected to testify and prepared a detailed report supporting his conclusions as to: (1) the impact of the Carson Peak 4 and Whitman FIU 13 section line wells in the Overlapping Spacing Unit on Andress Sandefer's correlative rights in the Underlying Spacing Unit; and (2) has an opinion backed by actual supporting data showing unequivocally that the

Carson Peak 4 and Whitman FIU 13 section line wells in the Overlapping Spacing Unit interfere and impact Andress Sandefer's interests in the wells in the Underlying Spacing Unit.

[¶3] A copy of Andress Sandefer's discovery responses disclosing this information regarding Stewart, his reports, and his opinions, to Continental is attached at Exhibit 1. Andress Sandefer's discovery responses, and their related disclosures with respect to Stewart, satisfy the requirements of Rule 26 as to the subject matter, substance, and basis for his conclusions and opinions that he will testify to. Andress Sandefer also provided Stewart's qualifications as an expert, along with 498-pages of documents, including:

- Stewart's report: "Section-Line Well Interference Analysis for the Andress Sandefer et al. Group Interest in the Oakdale Field in Dunn County, North Dakota." See Exhibit 2 at Andress 00001 00041.
- Stewart's Resume and CV. See Exhibit 2 at Andress 00042 00044; and
- Stewart's report: "Estimates of Reserves and Future Net Revenue to the Andress Sandefer et al. Group Interest in Certain Oil and Gas Properties located entirely in the Oakdale Field ... in Dunn County, North Dakota as of January 1, 2024." See Exhibit 2 at Andress 00045 00498.

[¶4] Each and every one of Stewart's opinions, and the entirety of his expert reports, are directly tied to claims made by Andress Sandefer, or respond to defenses or issues raised by Continental in its motion to dismiss. For example, in their Application filed with the Commission, Andress Sandefer claimed, among other things:

• "When Continental created its square 2560 Overlapping Spacing Unit, Continental ignored that Andress Sandefer's interests in the Subject Lands contributed to the Underlying Spacing Unit. As such the exclusion of Andress Sandefer in the Carson Peak 4 Well and the Whitman FIU 13 Well is a confiscation of their interests within

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<sup>&</sup>lt;sup>1</sup> As noted in Andress Sandefer's discovery responses, Volume 1 of the Reserves Report is at Andress 00045 – 00118. Volume 2 is at Andress 00119- 00498. Appendix E and Reserve Definitions are in Volume 2, all other sections of the Reserves Report are in Volume 1. <u>See Exhibit 1</u> at Response to Interrogatory No. 2.

the Underlying Spacing Unit, violates N.D.C.C. § 38-08-08(1), and violates Andress Sandefer's correlative rights." <u>Application</u> at ¶ 9.

- Andress Sandefer relied on the Commission's analysis and position to the Supreme Court in Dominek, specifically, that "under North Dakota law, allocation of production from an overlapping spacing unit across the underlying spacing unit protected correlative rights and prevented waste." Application at ¶ 12. The Commission continued, as Andress Sandefer relied on in its Application as a basis for its claim: "The Commission also believes the lease-line horizontal well may cause positive or negative impacts to all wells in spacing units shared by all interest owners within the base spacing units; therefore, the Commission believes all pooled owners within the base spacing units should be compensated, not just the interest owners in the sections located within the overlapping lease-line spacing unit. ... In other words, since both negative and positive impacts on Section 13 are shared by Section 24 the allocation from well 33453 should be shared as well. The Commission granted the Overlapping Spacing Unit after finding it would prevent waste and protect correlative rights, including the rights of owners in Section 24. If production from the lease-line well is not allocated to Section 24, Section 24's correlative rights would be harmed. Section 13 would receive all benefits of the lease-line well while Section 24 suffers all of the harm it could cause to production of adjacent wells in the underlying spacing unit." Id. at ¶ 12 (quoting the Commission's Brief in Dominek at  $\P$  23 – 27).
- Andress Sandefer connected the Commission's rationale in <u>Dominek</u> to its own claim, stating that, "Just like the Section 24 owners in <u>Dominek</u>, a portion of Andress Sandefer's Subject Lands were unitized in order to create the standup 2560 Underlying Spacing Unit, as shown in <u>Figure 2</u>. However, unlike Equinor Energy, and contrary to the Commission's interpretation of North Dakota law in <u>Dominek</u>, Continental is not crediting Andress Sandefer with its share of production from either the Carson Peak 4 Well or Whitman FIU 13 Well, both section line wells,

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<sup>&</sup>lt;sup>2</sup> In their Pre-Hearing Brief filed on December 5, 2023, Andress Sandefer explained: "The Carson Peak 4 and Whitman FIU 13 Wells drain oil and gas from Sections 35 and 2. Because Sections 35 and 2 are also spaced in the Underlying Spacing Unit, the 12 aforementioned wells [in the underlying spacing unit] are negatively impacted by the Carson Peak 4 and Whitman FIU 13 Wells because they are draining the same oil and gas from Sections 35 and 2 to the detriment of the 12 wells and their owners in the northern half of the Underlying Spacing Unit, like Andress Sandefer. This operates no differently than the Weisz Well, spaced in the overlapping unit in Dominek, which was also in the northern half of the underlying spacing unit, which the Commission noted drained oil and gas from the Dominek Well in Sections 13 and 24. 'In other words, since both negative and positive impacts on Section 13 are shared by Section 24 the allocation from well 33454 [Weisz Well] should be shared as well.' Commission Brief at ¶ 26. So too, here, because the negative and positive impacts of Sections 35 and 2 are shared by Sections 23 and 26, the allocation from the Carson Peak 4 and Whitman FIU 13 Wells should be shared no differently than the Weisz Well." Andress Sandefer Pre-Hearing Brief at ¶ 19.

based on Andress Sandefer's interest in the Underlying Spacing Unit in violation of N.D.C.C. § 38-08-08(1)." <u>Application</u> at ¶ 13.

- "Continental's failure to credit Andress Sandefer with their share of production from either the Carson Peak 4 Well or Whitman FIU 13 Well, based on their interest in the Underlying Spacing Unit, harms and violates Andress Sandefer's correlative rights. Further, it is not just or equitable if mineral owners similarly situated as those in Section 24 in <a href="Dominek">Dominek</a>, like Andress Sandefer with respect to the Subject Lands and Underlying Spacing Unit, are effectively cut-out of receiving their share of revenue for production of oil and gas from wells in an Overlapping Spacing Unit draining the reserves in their Underlying Spacing Units." Application at ¶ 14.
- "Andress Sandefer requests that the Commission order that production from the Carson Peak 4 Well and the Whitman FIU 13 Well, both section line wells, be allocated to them based on their interest in the Underlying Spacing Unit as required by N.D.C.C. § 38-08-08(1), and consistent with the Commission's interpretation of North Dakota law in <u>Dominek</u>, and to protect their correlative rights." <u>Application</u> at ¶ 15. <sup>3</sup>
- [¶5] This is precisely what Stewart opines on in his report, and what he will testify towards during the evidentiary hearing at the Commission. There is an impact and interference from the section line wells in the Overlapping Unit –the Carson Peak 4 and Whitman FIU 13 wells on those wells in the Underlying Unit that Andress Sandefer have an interest in, which violates Andress Sandefer's correlative rights. That impact on Andress Sandefer's correlative rights in the Underlying Unit is discussed in detail in Stewart's report. See Exhibit 2 at Andress 00001 00041.

  [¶6] Stewart also opined, and will testify, as to how the failure to allocate production from these section line wells, the Carson Peak 4 and Whitman FIU 13 wells, to Andress Sandefer's interests

production from the Overlapping Unit.")

4

<sup>&</sup>lt;sup>3</sup> Andress Sandefer's position mirrors the position taken by Petro-Hunt, LLC, in its dispute with the Garaas Trusts in Case No. 29902, and the North Dakota Petroleum Council's position in <u>Dominek</u>, which was filed with Andress Sandefer's Pre-Hearing Brief at Exhibit A. "Allocating production from overlapping spacing units has occurred in this way for over a decade." <u>NDPC Brief</u> at ¶ 7. <u>See also id</u>. at ¶ 13 (stating, "Both N.D.C.C. § 38-08-08(1) and the Base Unit Order require allocation across the Base Unit [Underlying Spacing Unit] as the only means of fully protecting the correlative rights of all owners impacted by

in the Underling Unit negatively impacts their correlative rights based on how the Carson Peak 4 and Whitman FIU 13 wells interfere with and impact Andress Sandefer's interests in the Underlying Unit. In addition to the losses in production from the wells in the Underlying Spacing Unit, which Andress Sandefer have an interest in, caused by the section-line wells in the Overlapping Spacing Unit, because of the Carson Peak 4 and Whitman FIU 13 wells' impact on Andress Sandefer's interests, Andress Sandefer has forfeited production and revenue due to precautionary shut-ins for the Carson Peak 4 and Whitman FIU 13 wells operations, suffered confiscation of hydrocarbons due to interference, had increased Lease Operating Expenses (LOE) for water disposal that originates from these lease line wells fracking operations, and increased workover expenses (WOE) as a result of sand clean outs and pump change-outs as a result of the lease line fracking operations. These are all relevant and probative of how Andress Sandefer's correlative rights have been violated as alleged in the Application and quoted above.

[¶7] While Andress Sandefer raised these issues and claims as to their correlative rights, confiscation of their interests, and interference of the section line wells as to their interests in the Underlying Unit, in their Application, Andress Sandefer also raised and extensively briefed these issues – all within the scope of Stewart's report and expected testimony – in their Pre-Hearing Brief in Support of Application filed with the Commission and served on Continental on December 5, 2024, and their Response Brief to Continental's Motion to Dismiss filed and served on December 29, 2023. Continental asks that the Commission forget that it was Continental who raised reservoir conditions as a factor that should be considered. This was addressed in detail in Andress Sandefer's Response to Continental's Motion to Dismiss.

[¶34] Continental argues, without providing any factual basis, that proven reservoir conditions south of Petitioners' interests are different than on Petitioners' lands. That is irrelevant, and a red herring, with respect to whether allocation from the Overlapping Spacing Unit must be made across the Underlying Spacing Unit under the

Commission's Orders, and N.D.C.C. § 38-08-08(1). Even assuming arguendo that it was relevant, it's a fact question at best not appropriate for disposition on a motion to dismiss. Andress Sandefer alleged in their Application that production from the Carson Peak 4 and Whitman FIU 13 Wells in the overlapping unit impacts their interests in the underlying spacing unit. See Application at ¶¶ 9, ¶¶ 12 – 15. Andress Sandefer also explained in their Pre-Hearing Brief that production from the Overlapping Spacing Unit would interfere with and negatively impact production from the Underlying Spacing Unit. See Pre-Hearing Brief at ¶¶ 7, 15 – 19. For purposes of Rule 12(b)(6), the Commission must accept Andress Sandefer's allegations as true. In doing so, the Commission must find that Andress Sandefer's interests in the Underlying Spacing Unit are impacted by the two lease-line wells.

[¶35] When discussing the impact of lease-line wells on underlying base units in <u>Dominek</u> and elsewhere, nowhere does the Commission, or NDPC, state or remotely imply that any sort of analysis of the reserves in the underlying versus those in the overlapping spacing unit is required or should be done to determine whether an underlying unit must be allocated an interest in a lease-line well. Rather, as the Commission explained, "The Commission believes all pooled owners within the base spacing units should be compensated, not just the interest owners in the sections located within the overlapping lease-line spacing unit." <u>Commission Brief</u> at ¶ 25. <u>See also NDPC Brief</u> at ¶ 7 (stating, "Allocating production from overlapping spacing units has occurred in this way for over a decade."); <u>id.</u> at ¶ 21 (stating, "For over a decade, producers have allocated production from myriad overlapping spacing units consistent with the Commission's long-standing interpretation."); and <u>id.</u> at ¶ 21 (stating, "In short, reversing the Commission's interpretation and established industry practice concerning base spacing unit allocation will represent a fundamental shift concerning pooling orders and correlative rights in North Dakota.")

[¶36] In sum, North Dakota law has long recognized claims involving a violation of a parties correlative rights and preventing waste, and that such claims are properly before the Commission. North Dakota law has also long recognized that the Commission retains jurisdiction and authority – and has a duty – to enforce its own Orders. Accepting the claims in the Application as true, and viewing them in the light most favorable to Andress Sandefer, the Commission must deny Continental's Motion to Dismiss under Rule 12(b)(6).

Andress Sandefer Response to Motion to Dismiss at  $\P\P$  34 – 36. What's more, during the February 13, 2024, hearing at the Commission, Andress Sandefer brought up in its response to Continental's argument as to the reservoir conditions that its expert, the same petroleum engineer, Stewart, was in attendance at that hearing, and that he would testify that what Continental claimed with respect to non-interference and reservoir conditions was not true.

[¶8] Each and every one of the items in Stewart's report, and his expected testimony as described in Andress Sandefer's expert disclosure, speaks to Andress Sandefer's correlative rights. In <u>Hystad v. Indus. Comm'n</u>, 389 N.W.2d 590 (N.D. 1986), the Court explained and defined what correlative rights consisted of.

In *Amoco Production Co. v. North Dakota Indus. Comm'n., supra,* 307 N.W.2d at 842, fn. 4, we referred to the following definition of correlative rights:

# "4. 'Correlative rights

"[T]he opportunity afforded, so far as it is practicable to do so, to the owner of each property in a pool to produce without waste his just and equitable share of the oil or gas, or both, in the pool; being an amount, so far as can be practically determined, and so far as can practicably be obtained without waste, substantially in the proportion that the quantity of recoverable oil or gas, or both, under such property bears to the total recoverable oil or gas, or both, in the pool, and for such purposes to use his just and equitable share of the reservoir energy." Nev.Rev.Stat. § 522.020(2). There appear to be two aspects of the doctrine of correlative rights: (1) as a corollary of the rule of capture, each person has a right to produce oil from his land and capture such oil or gas as may be produced from his well, and (2) a right of the land owner to be protected against damage to a common source of supply and a right to a fair and equitable share of the source of supply. When a legislature or administrative body regulates production practices to protect against waste, it may also regulate to insure an equitable distribution of the source of supply. There is some dispute over the power of the state to regulate production practices to insure an equitable distribution of the source of supply, apart from waste. See Treatise § 204.6.' Williams & Meyer, Manual of Oil & Gas Terms (4th ed. 1976)."

Thus, correlative rights includes interdependent rights and duties of each landowner in the common source of supply. Each landowner is entitled to a just and equitable share of oil or gas in the pool; however, that right is limited by the landowner's duty to all the other owners of interests in the common source of supply not to damage or take an undue proportion of the oil or gas from that common source of supply. *Dodds v. Ward*, 418 P.2d 629 (Okla.1966); 1 Summers, *Oil and Gas*, Section 63 (1954). The physical characteristics and reservoir dynamics of the common source of supply necessitate the use of highly technical geological and economic information to determine the extent of correlative rights.

1 Summers, *Oil and Gas*, Section 63 (1954). This information necessarily includes, if

reasonably practicable, the physical size, shape, and location of the common source of supply relative to each owner's tract of land.

Hystad, 389 N.W.2d at 595–96 (N.D. 1986) (emphasis added). A review of Andress Sandefer's expert disclosure with respect to Stewart, along with his expert reports, shows that this definition of correlative rights from the Court in Hystad aligns with his expected testimony in conjunction with his reports. The Commission must hear his testimony to ensure a complete record with respect to Andress Sandefer's claims as to how the Continental's failure to allocate their interests in the Underlying Spacing Unit with any production from the Carson Peak 4 and Whitman FIU 13 section line wells in the Overlapping Spacing Unit violates their correlative rights.

[¶9] The Commission should avoid any potential appealable issues by excluding any portions of Stewart's reports or his testimony. If the Commission determines, after hearing Stewart's testimony and reviewing his reports, that certain aspects of it are not germane to Andress Sandefer's claims that their correlative rights are being violated by Continental's failure to allocate them their due share of production from the Carson Peak 4 and Whitman FIU 13 section line wells, the Commission is free to disregard those portions of Stewart's testimony and reports. It is also worth noting that Continental acknowledged and admitted the relevance of Stewart's expected testimony, and his reports, as what they now object to and seek to exclude was specifically the subject of two of their discovery requests to Andress Sandefer.

<u>Continental Interrogatory No. 3</u>: Identify and describe any and all facts, documents, or communications supporting your claim that production from the Overlapping Spacing Unit interferes with or adversely impacts production from the Underlying Spacing Unit or otherwise violates your correlative rights as the owner of interests in the Underlying Spacing Unit.

Andress Sandefer Response No. 3: See Response No. 2, and the Section-Line Well Interference Report at Andress 00001 – 00041, and the Reserves Report at Andress 00045 – 00498.

Continental Interrogatory No. 4: Identify and describe any and all facts, documents, or

communications supporting your claim that production from the section line wells at issue, the Carson Peak 4-35HSL well (NDIC #35272) and Whitman FIU 13-34HSL1 well (NDIC #38533), interferes with or adversely impact production from the other wells in the Underlying Spacing Unit or otherwise violates your correlative rights as the owners of interests in the Underlying Spacing Unit.

# Andress Sandefer Response No. 4: See Responses Nos. 2 and 3, and Andress 00001 - 00498.

<u>See Exhibit 1</u>. This is further reason why the Commission should deny Continental's attempt to exclude any of Stewart's expected testimony and his report as it speaks towards the very interrogatories asked by Continental. It likewise supports Andress Sandefer's claims that their correlative rights are being violated, that their minerals and interests in the wells in the Underlying Unit are being confiscated by the Carson Peak 4 and Whitman FIU 13 wells, and that these section line wells negatively affect the wells in the Underlying Unit.

[¶10] Continental is casting stones at Andress Sandefer's expected expert testimony – knowing it is incredibly probative and relevant as to the claims at issue – to distract from the fact that Continental's experts that it seeks to offer were not properly disclosed to Andress Sandefer. On April 29, 2024, Andress Sandefer served discovery requests on Continental asking, among other things, for Continental to disclose its expert witness as required by Rule 26. On May 29, Continental served Andress Sandefer with its discovery responses. A copy of Andress Sandefer's discovery requests and Continental's responses to the same are attached at Exhibit 3.

[¶11] Unlike Andress Sandefer's expert disclosure, and 498-pages of documents produced to Continental, including two expert reports and Stewart's Resume and CV, Continental refused to even identify, in compliance with Rule 26, the substance of their own experts' testimony, the substance of the facts and opinions to which their experts are expected to testify, a summary of the grounds for each expert opinion, or provide any resume or CV for its experts. See Rule

26(b)(4)(A)(i). <sup>4</sup> See Perius v. Nodak Mut. Ins. Co., 2012 ND 54, ¶¶ 9 and 10 (explaining the purpose of the disclosure requirement is to allow the opposing party a fair opportunity to meet the evidence and eliminate surprise at trial); Troubadour Oil & Gas, LLC v. Rustad, 2022 ND 191, ¶ 12, 981 N.W.2d 918 (holding that a party must provide "a summary of the grounds for each [expert] opinion."); and Wolf v. Est. of Seright, 1997 ND 240, ¶ 17, 573 N.W.2d 161 (holding, "Parties must fully, completely, and fairly disclose the subject matter on which their expert witnesses will testify at trial and the substance of their expert witnesses' testimony. The purpose of the disclosure requirement is to eliminate surprise at trial.")

[¶12] On Thursday May 30, at 10:29 a.m., Andress Sandefer sent the e-mail attached at Exhibit 4, to Continental, informing them of the deficiencies with their discovery responses under Rule 26. Andress Sandefer requested that Continental supplement its responses to the discovery requests. Continental refused. <sup>5</sup> Continental never supplemented its expert disclosures, despite Andress Sandefer's requests. Andress Sandefer will be filing a separate motion with the Commission to exclude the entirety of any expert testimony or reports offered by Continental as

<sup>&</sup>lt;sup>4</sup> Rule 26(b)(4)(A)(i) provides: "(4) Trial Preparation Experts. (A) Expert Who May Testify. Discovery of facts known and opinions held by experts, otherwise discoverable under Rule 26(b)(1) and acquired or developed in anticipation of litigation or for trial, may be obtained only as follows: (i) a party may through interrogatories require any other party to identify each person whom the other party expects to call as an expert witness at trial; to state: the subject matter on which the expert is expected to testify; the substance of the facts and opinions to which the expert is expected to testify; and a summary of the grounds for each opinion."

<sup>&</sup>lt;sup>5</sup> Continental states in their Discovery Responses at Exhibit 3 that none of its experts has prepared a report. While Rule 26, unlike its counterpart at Fed.R.Civ.P. 26, does not require an expert report, Continental's failure to provide the information required by Rule 26 – the substance of their experts testimony, the substance of the facts and opinions to which their experts are expected to testify, a summary of the grounds for each expert opinion, and a Resume and CV of each expert witness – is all the more critical because without this information, and without any expert reports, Andress Sandefer is subject to Continental's trial by ambush strategy frowned on by our Supreme Court because it has no idea as to the substance of the facts and opinions that any experts offered by Continental will testify to, nor a summary of the grounds of their experts' opinions, or what the qualifications of its experts are.

their expert disclosures wholly failed to satisfy the requirements of Rule 26, and they never attempted to supplement their responses despite Andress Sandefer's request in the May 30 email. [¶13] Further, Continental should be prohibited from introducing any testimony on their claim that production from the Overlapping Spacing Unit does not interfere with or impact production from the Underlying Spacing Unit. At Interrogatory No. 4, Andress Sandefer asked Continental the following:

<u>Interrogatory No. 4</u>: Identify and describe any and all facts, documents, or communications supporting your claim that production from the Overlapping Spacing Unit does not interfere with or impact production from the Underlying Spacing Unit.

<u>See Exhibit 5</u>. Continental did not answer the interrogatory or provide any facts, documents, communications, supporting its claim. Continental instead answered:

RESPONSE: At this time, Continental believes that the following facts support the conclusion that production from lease-line wells in the Overlapping Spacing Unit has not interfered with or impacted production from the wells in the Underlying Spacing Unit: the timing of drilling wells in the Overlapping Spacing Unit and in the Underlying Spacing Unit, the producing formations in those wells, the distance between wells, and the volumes of oil and gas produced from those wells over time.

Those are not facts supporting a claim, or responsive to the interrogatory. They are naked, self-serving assertions, unsupported by anything remotely approaching Andress Sandefer's expert disclosure. Nor were there any documents or communications provided by Continental that support the "facts" in its Response. They should not be allowed to introduce testimony or facts responsive to the issues raised in Interrogatory No. 4 given their complete failure to provide any sort of meaningful response, or actual facts, documents, or communications.

[¶14] Similarly, in Continental's response to Interrogatory No. 5, they failed to provide even the most basic information or any sort of meaningful response to Andress Sandefer's discovery request. At Interrogatory No. 5, Andress Sandefer asked Continental the following:

Interrogatory No. 5:. Identify and describe any and all facts, documents, or communications supporting your claim that production from the section line wells at issue,

the Carson Peak 4-35HSL well (NDIC #35272) and Whitman FIU 13-34HSL1 well (NDIC #38533), do not interfere with or impact production from the other wells in the Underlying Spacing Unit.

Continental responded: "See Continental's response to Interrogatory No. 4, above." Continental did not provide any documents supporting this claim, that the Carson Peak 4 and Whitman FIU 13 wells do not interfere with the wells in the Underlying Spacing Unit. At no point did Continental request any extension of time, or ask for a continuance, to provide answers to Andress Sandefer's discovery requests. Instead, Continental decided that the North Dakota Rules of Civil Procedure did not apply to them, and refused to answer the most basic of questions supporting the positions they've taken in this case. Nor has Continental supplemented any of its discovery responses despite Andress Sandefer's request.

[¶15] As explained in more detail in the forthcoming brief to exclude Continental from offering any evidence as to Interrogatories Nos. 3, 4, and 5, the Commission should exclude Continental from offering any expert testimony for their violation of Rule 26, exclude Continental from offering any testimony or evidence that they claim supports their argument that production from Carson Peak 4 and Whitman FIU 13 wells in the Overlapping Unit do not interfere with or impact production from the Underlying Unit (Interrogatory No. 4), and exclude Continental from offering any testimony or evidence supporting its claim that production from the Carson Peak 4 and Whitman FIU 13 wells do not interfere with or impact the production from the other wells in the underlying spacing unit (Interrogatory No. 5).

[¶16] The Commission should, respectfully, as previously stated, also deny Continental's attempt to limit or exclude Stewart's expected testimony, and his expert reports, which, as detailed herein, are directly relevant and highly probative as to Andress Sandefer's claims and Continental's

# defenses to the same.<sup>6</sup>

Dated this 4<sup>th</sup> day of May, 2024.

# **VOGEL LAW FIRM**

/s/ Joshua A. Swanson

BY: Joshua A. Swanson (#06788)

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<sup>&</sup>lt;sup>6</sup> Andress Sandefer notes that Continental filed its Motion on Friday May 31 at 4:10 p.m.

# BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS, MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON. "BOB" ROBERT FULWILER, **MCTAN** HOLDINGS, LP, TEJON EXPLORATION INC., RANDA K. UPP, AND DAVID HALBERT, TO CONSIDER THE ALLOCATION OF **PRODUCTION** ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING **SPACING UNIT** CONSISTING SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH. RANGE 96 WEST AND SECTION 2. TOWNSHIP 146 NORTH, RANGE 96 WEST. DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

DECLARATION OF JOSHUA A. SWANSON

STATE OF NORTH DAKOTA	)	
	)	SS
COUNTY OF CASS	)	

- [¶1] I, Joshua A. Swanson, do hereby declare and state as follows:
- 1. I am the attorney for the Applicants in this matter, and am a duly licensed attorney in the State of North Dakota.
- 2. Attached at Exhibit 1 is a true and accurate copy of Andress Sandefer's discovery responses to Continental Resources' discovery requests, which were timely served on Continental on May 30, 2024.
- 3. Attached at Exhibit 2 is a true and accurate copy of the documents served on Continental in response to their discovery requests. This includes Stewart's expert report:

"Section-Line Well Interference Analysis for the Andress Sandefer et al. Group Interest in the

Oakdale Field in Dunn County, North Dakota," at Andress 00001 – 00041; Stewart's Resume

and CV at Andress 00042 – 00044; and Stewart's expert report: "Estimates of Reserves and

Future Net Revenue to the Andress Sandefer et al. Group Interest in Certain Oil and Gas

Properties located entirely in the Oakdale Field ... in Dunn County, North Dakota as of January

1, 2024," at Andress 00045 – 00498.

4. Attached at Exhibit 3 is a true and accurate copy of Continental's discovery

responses to Andress Sandefer's discovery requests, which also contains Andress Sandefer's

discovery requests to Continental.

5. Attached at Exhibit 4 is a true and accurate copy of the May 30, 2024, email that I

sent to Continental addressing the deficiencies with their discovery responses to Andress Sandefer,

including their failure to comply with N.D.R.Civ.P. 26. At no point has Continental supplemented

its discovery responses in response to my email, and at no point did their counsel call me to discuss

supplementing their responses.

FURTHER DECLARANT SAYETH NOT.

Dated this 4<sup>th</sup> day of May, 2024.

**VOGEL LAW FIRM** 

/s/ Joshua A. Swanson

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ATTORNEYS FOR PETITIONERS

2

# BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS. MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, ROBERT "BOB" FULWILER, **MCTAN** HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT, TO **CONSIDER** THE OF ALLOCATION **PRODUCTION** ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT CONSISTING OF SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

PETITIONERS'
RESPONSES TO CONTINENTAL
RESOURCES, INC.'S
INTERROGATORIES AND REQUESTS
FOR PRODUCTION OF DOCUMENTS
TO APPLICANTS

TO: CONTINENTAL RESOURCES, INC., AND ITS ATTORNEYS, DAVID E. BENGTSON AND ROBIN WADE FORWARD, OF STINSON LLP, 424 SOUTH THIRD STREET, SUITE 206, BISMARCK, ND 58504 AND 1625 N. WATERFRONT PARKWAY, SUITE 300, WICHITA, KS 67206.

# **INTERROGATORIES**

<u>Interrogatory No. 1</u>: Identify by name and address all persons contributing information or assisting in answering these Discovery Requests.

Response No. 1: Dwayne T. Stewart, MBA, P.E., Managing Member, Foundation Energy, LLC, Houston, Texas, Petitioners' expert, assisted counsel in preparing the responses to these discovery requests.

<u>Interrogatory No. 2</u>: Identify by name, address, employer, and field of expertise, each and every person whom you expect to call as an expert witness at the June 5, 2024 hearing set in this matter, and:

- a. state the subject matter upon which each such expert is expected to testify;
- b. the substance of the facts and opinions to which each such expert is expected to testify;

- c. a summary of the grounds for each such expert's opinion;
- d. a complete resume of each such expert's educational and employment background, together with a list of any articles or published works which such expert has authored; and
- e. and whether or not said expert has prepared a written report.

Response No. 2: Dwayne T. Stewart, MBA, P.E., Managing Member, Foundation Energy, LLC, Houston, Texas. Mr. Stewart will testify to the matters identified and detailed in his two reports: (1) Section-Line Well Interference Analysis for the Andress Sandefer et al. Group Interest in the Oakdale Field in Dunn County, North Dakota, which is served as part of these discovery responses. A copy of this report is attached at Andress 00001 – 00041. Mr. Stewart also prepared the: (2) Estimates of Reserves and Future Net Revenue to the Andress Sandefer et al. Group Interest in Certain Oil & Gas Properties located entirely in the Oakdale Field and portions of Cedar Coulee, Corral Creek, and Bear Creek Fields in Dunn County, North Dakota, which is attached at Andress 00045 - 00498. Volume 1 of the Reserves Report is at Andress 00045 - 00118, Volume 2 is at Andress 00119 - 00498. Appendix E and Reserve Definitions are in Volume 2, all other sections of the Reserves Report are in Volume 1.

Mr. Stewart's report, the Section-Line Well Interference Report, describes and details, among other things, the impact and interference that the section-line wells at issue, the Carson Peak 4-35HSL ("Carson Peak 4") and Whitman FIU 13-34HSL1 ("Whitman FIU 13") wells, have on those wells in the underlying units that the Andress Sandefer group have an interest in. That interference and impact is discussed in detail in Mr. Stewart's report at Andress 00001 - 00041. Reference is made in the Section-Line Well Interference Report to the Reserves Report, at Andress 00045 - 00498. Mr. Stewart will testify as to how the failure to allocate production from the section-line wells, the Carson Peak 4 and Whitman FIU 13 wells, to Andress Sandefer's interests in the underling unit negatively impacts their correlative rights, and, further, how the Carson Peak 4 and Whitman FIU 13 wells interfere with and impact Andress Sandefer's interests in the underlying (base) unit. This includes but is not limited to, as described in the Section-Line Well Interference Report, forfeited production and revenue due to precautionary shut-ins for the Carson Peak 4 and Whitman FIU 13 wells operations, confiscation of hydrocarbons due to interference, increased Lease Operating Expenses (LOE) for water disposal that originates from these lease-line wells (the exceptional locations) fracking operations, and increased workover expenses (WOE) as a result of sand clean outs and pump change-outs as a result of the lease-line fracking operations. The basis and facts for Mr. Stewart's opinions and conclusions are detailed in his two reports provided at Andress 00001 – 00041, and Andress 00045 – 00498.

The summary of Mr. Stewart's opinions are identified in his Section-Line Well Interference Report, including but not limited to the Executive Summary section of the report, and in his Summary & Conclusions section. The data supporting his summary and conclusions are contained in this report, and in the Reserves Report.

Mr. Stewart's resume is attached at Andress 00042 – 00044. Additionally, Mr. Stewart's Section-Line Well Interference Report contains an "About the Author" statement at Andress 00029 – 00030 that discusses his work history, qualifications, and experience.

<u>Interrogatory No. 3</u>: Identify and describe any and all facts, documents, or communications supporting your claim that production from the Overlapping Spacing Unit interferes with or adversely impacts production from the Underlying Spacing Unit or otherwise violates your correlative rights as the owner of interests in the Underlying Spacing Unit.

<u>Response No. 3</u>: See Response No. 2, and the Section-Line Well Interference Report at Andress 00001 – 00041, and the Reserves Report at Andress 00045 – 00498.

<u>Interrogatory No. 4</u>: Identify and describe any and all facts, documents, or communications supporting your claim that production from the section line wells at issue, the Carson Peak 4-35HSL well (NDIC #35272) and Whitman FIU 13-34HSL1 well (NDIC #38533), interferes with or adversely impact production from the other wells in the Underlying Spacing Unit or otherwise violates your correlative rights as the owners of interests in the Underlying Spacing Unit.

Response No. 4: See Responses Nos. 2 and 3, and Andress 00001 - 00498.

# REQUESTS FOR PRODUCTION OF DOCUMENTS

**Request No. 1**: Any and all documents identified in your Answers to Interrogatories, which constitute or contain matters within the scope of Rule 34 and which are in your possession, custody, or control.

**Response No. 1: See Andress 00001 – 00498.** 

**Request No. 2**: Any and all documents identified in your response to Interrogatory No. 2.

**Response No. 2**: See Andress 00001 – 00498.

<u>Request No. 3</u>: Any and all reports prepared by an expert witness that you intend to offer as evidence, or otherwise offer for the Commission's consideration, at the June 5, 2024 hearing.

Response No. 3: See Andress 00001 – 00041, and Andress 00045 - 00498.

**Request No. 4**: Any documents identified in your response to Interrogatory No. 3.

Response No. 4: See Andress 00001 - 00498.

**Request No. 5**: Any documents identified in your response to Interrogatory No. 4.

Response No. 5: See Andress 00001 - 00498.

# Dated this 30<sup>th</sup> day of May, 2024.

# **VOGEL LAW FIRM**

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# **EXHIBIT 2**

# SECTION-LINE WELL INTERFERENCE ANALYSIS for the ANDRESS SANDEFER ET AL GROUP INTEREST in the OAKDALE FIELD in DUNN COUNTY, NORTH DAKOTA

This warrants that the information within this report is the sole effort, opinions, and conclusions of the engineer sealing this report. This document and all exhibits contained herein were prepared by the sealing engineer except where noted. Documents provided by the client were accepted in good faith as true and accurate.

DWAYNE T. STEWART

135493

//CENSES

Dated: May 30, 2024

# Foundation Energy, LLC 12712 W Lake Houston Pkwy, Suite B-174 Houston, TX 77044 Phone: (832) 483-2134

May 30, 2024

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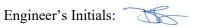
Email: davidhalbert@mac.com

# Dear Andress Sandefer et al Group:

This report analyzes exceptional locations – as defined by NDAC § 43-02-03-18.1 – landed in the Oakdale-Bakken Pool along the center-axis of the south half ("S/2") of the Oakdale Field. The purpose of this report is to (i) determine if said exceptional locations impact prescribed locations and (ii) quantify said impact, if any, to the Group's interest. Reference is made to and incorporated herein in its entirety the reserve report titled ESTIMATES of RESERVES AND FUTURE NET REVENUE to the ANDRESS SANDEFER ET AL GROUP INTEREST in CERTAIN OIL & GAS PROPERTIES located entirely in the OAKDALE FIELD and portions of the CEDAR COULEE, CORRAL CREEK, and BEAR CREEK FIELDS in DUNN COUNTY, NORTH DAKOTA as of JANUARY 1, 2024 signed and dated by this author on February 3, 2024.

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# **EXECUTIVE SUMMARY**

In contrast to original development plans of 6 prescribed locations per 2560-acre spacing unit, present-day development is much denser; specifically, it is not uncommon for 24 (or more) prescribed locations to be drilled on a 2560-acre spacing unit; as such, interference between prescribed locations is inevitable.

Compounding interference between <u>prescribed locations</u> via co-existent <u>Base Spacing Units</u> is the sanctioning of <u>exceptional locations</u> via <u>Overlapping Spacing Units</u>. Put succinctly, an exceptional location is simply a drilling location inside a setback area between two (or more) pre-existing Base Spacing Units. An *exceptional location*, as defined by **NDAC § 43-02-03-18.1**, is commonly referred to as a lease-line, section-line, or Overlapping Spacing Unit well. Conversely, a drilling location outside setback areas, as defined by **NDAC § 43-02-03-18**, is commonly referred to as a prescribed, interior, Base Spacing Unit, or Underlying Spacing Unit well.

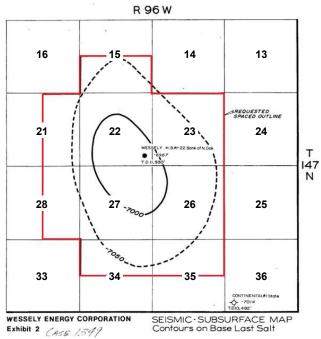
Given Continental's current allocation methodology for Overlapping Spacing Units <u>coupled</u> with exceptional location interference with prescribed locations, Andress Sandefer's correlative rights are injured via (i) <u>forfeited</u> production and revenue due to precautionary shut-ins for lease-line operations, (ii) <u>confiscation</u> of hydrocarbons due to interference, (iii) <u>increased</u> Lease Operating Expenses ("LOE") for water disposal that originates from lease-line fracking operations, and (iv) <u>increased</u> Workover Expenses ("WOE") as a result of sand clean-outs and pump change-outs as a result of lease-line fracking operations.

Due to interference (see **Table 5**), the combined loss of oil reserves in the three closest prescribed locations (parent wells) in the S/2 of Oakdale Field (i.e., Carson Peak 2-35H, Whitman 2-34H, and Whitman 3-34H) is estimated to be about **912 Mbbl (thousand barrels) of oil** and **1037 MMcf (million cubic feet) of gas**. Andress Sandefer own just over 6% Working Interest ("WI") in the Whitman 2-34H and Whitman 3-34H and just over 7% WI in the Carson Peak 2-35H but zero WI in the Carson Peak 4-35HSL and Whitman FIU 13-34HSL1 exceptional locations (lease-line wells) given Continental's current allocation methodology for Overlapping Spacing Units. As such, all production allocated to the Whitman FIU 13-34HSL1 and Carson Peak 4-35HSL lease-line wells in lieu of the immediately offsetting Standup 2560 Base Spacing Unit wells (i.e., parent wells) confiscates a portion of Andress Sandefer's production, which is a violation of Andress Sandefer's correlative rights.

The doctrine of "correlative rights" is a limit on the "rule of capture" doctrine. In practice, the correlative rights doctrine states that each owner of a common oil and gas reservoir (aka, pool) is allowed their fair share of the recoverable oil and gas beneath their land. The only way to mitigate correlative rights injury at Oakdale is for the Standup 2560 Base Spacing Units to receive their pro rata share of allocated production from lease-line wells (aka, exceptional locations).

# **HISTORY & BACKGROUND**

Thurmon Andress, J.D. "Jakie" Sandefer III (now deceased), and Arthur J. Wessely (now deceased) jointly promoted an oil and gas exploration prospect along the Nesson Anticline during the mid-1970's. That prospect led to the discovery of the **Oakdale Field** and the creation of the Oakdale-Madison Pool via Temporary Order No. 1454 (Jul 13, 1976) and Permanent Order No. 1647 (Jan 12, 1978). Interestingly, Exhibit 3 of Case No. 1349 documents drillstem tests across what the industry now refers to as the Middle Bakken ("MB"), Three Forks 1st Bench ("TF1"), and Three Forks 2<sup>nd</sup> Bench ("TF2"). Although oil was recovered from the MB, TF1, and TF2, hydrocarbon quantities and production rates obtained via a vertical well were sub-commercial; as such, the decision was made to isolate the Bakken/Three Forks and move uphole over 1,000 feet to the Madison formation where commercial hydrocarbons were encountered. Figure 1 depicts the operator's requested – and ultimately NDIC approved – spacing area for the Oakdale Field.



*Figure 1. Oakdale Field (1976 – 2007)* 

(Map from Case No. 1349 Exhibit 2; the only changes to the original exhibit are the "Requested *Spaced Outline*" *is highlighted red and section number font size was increased.)* 

Oakdale Field's boundary remained constant for 30+ years, but Bakken/Three Forks tight oil production via horizontal laterals was the catalyst for change. **Order No. 11468** (Dec 14, 2007) reassigned the east half ("E/2") of Sections 21 and 28 from Oakdale to Cedar Coulee Field; Order No. 12249 (Sep 22, 2008) expanded Oakdale's southern border 1.5 miles to incorporate all of Sections 34 and 35 of T147N R96W plus all of Sections 2 and 3 of T146N R96W; and Order No. 12647 (Dec 12, 2008) reassigned the S/2 of Section 15 from Oakdale to Bear Creek Field. Order No. 12647 defines **Oakdale Field** as all of Sections 22, 23, 26, 27, 34, and 35 of T147N R96W

plus all of Sections 2 and 3 of T146N R96W. Figure 2 depicts the eight sections that presently comprise Oakdale Field.

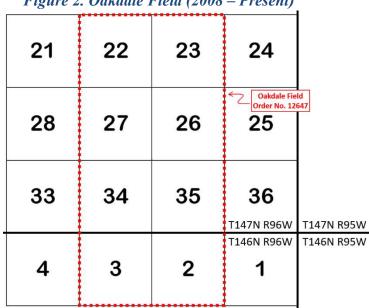


Figure 2. Oakdale Field (2008 – Present)

The first four horizontal wells in the Oakdale-Bakken Pool were drilled on separate Standup 1280's. A "Standup 1280" is a north-south oriented spacing unit that pools two governmental sections. Given each governmental section is nominally 640 acres, a Standup 1280 covers 1280 acres, more or less. Conversely, a "Laydown 1280" is an east-west oriented spacing unit that pools two governmental sections comprising 1280 acres, more or less. First generation Bakken/Three Forks completions in the Oakdale-Bakken Pool were single-lateral, open- or cased-hole completions with either no stimulation or a single-stage acid and/or proppant stimulation.

When the four initial Standup 1280 spacing units were developed, each one had 500' setbacks which resulted in 1000' wide swaths of non-development at the heel, toe, and sides, i.e., 500' setbacks on every edge of each spacing unit. The NDIC's purpose for drilling setbacks is to prevent the immediate drainage of mineral resources across spacing unit boundaries thereby giving offset owners time to drill a well and compete for said mineral resources. Thus, setbacks mitigate offlease drainage and protect correlative rights. Via a steep learning curve, the industry realized the Bakken/Three Forks potential was greater than originally anticipated; as such, more than one horizontal every 1280 acres would be needed to efficiently develop the resource. That realization meant the mineral estate would have a greater impact (larger footprint) upon the surface estate than originally expected. Unfortunately, topographic, cultural, and other restrictions could "interfere with [the] ideal placement [of future drilling locations] at or near the common boundary between two 1280-acre units"; as such, 2560-acre units provide the flexibility to site multi-well drilling pads to mitigate said surface restrictions (Continental's testimony per Commission Finding (6), Order No. 14496 for Case No. 12244). Order No. 14496 (Apr 22, 2010) contains the following provisions (*emphasis added*):

- (1) The Commission shall consider the following criteria when determining whether establishment of a 2560-acre drilling or spacing unit is justified:
  - (a) Geologic conditions such as uniform thickness, porosity, and permeability, absence of faults and structural anomalies.
  - (b) Development plans. Multi-well drilling pads must be utilized and horizontal wells must be drilled in succession in a reasonable time-frame. A minimum of six horizontal wells must be drilled and completed. Development must occur or have occurred with horizontal wells placed in the E/2 and W/2 or N/2 and S/2 of each former or potential 1280-acre drilling or spacing unit. Previous horizontal wells drilled on a 1280-acre drilling or spacing unit qualify as one of the six horizontal wells required and as development on a particular side of a former or potential 1280-acre drilling or spacing unit in a proposed 2560-acre drilling or spacing unit.
  - (c) Cost savings.
  - (d) Decrease of surface impact.
  - (e) Increase of reserves.
  - (f) Working interest breakdown of each former or potential 1280-acre drilling or spacing unit and of the 2560-acre spacing or drilling unit.
  - (g) Whether establishment of the 2560-acre drilling or spacing unit will render development of area lands undesirable or in doubt, provide for orderly development, avoid the drilling of unnecessary wells, and protect correlative rights.
  - (h) Any other criteria deemed necessary by the Director.
- (2) This order shall remain in full force and effect until further order of the Commission.

Per Order No. 14496, pre-existing 1280-acre spacing units were contributed (credited) towards the creation of a 2560-acre spacing unit sans the imperative to dismantle and reallocate production from each pre-existing 1280-acre spacing unit. By allowing 1280-acre spacing units to co-exist with 2560-acre spacing units, the 1280- and 2560-acre spacing units could theoretically compete for the same molecule of oil and gas although the physical distance plus low reservoir permeability between any wells in the same formation on two different spacing units was so large as to render interference negligible.

In contrast to original development plans of 6 prescribed locations per 2560-acre spacing unit, present-day development is much denser; specifically, it is not uncommon for 24 (or more) prescribed locations to be drilled on a 2560-acre spacing unit; as such, interference between prescribed locations is inevitable.

Compounding interference between <u>prescribed locations</u> via co-existent <u>Base Spacing Units</u> is the sanctioning of <u>exceptional locations</u> via <u>Overlapping Spacing Units</u>. Put succinctly, an exceptional location is simply a drilling location inside a setback area between two (or more) pre-existing Base Spacing Units. An *exceptional location*, as defined by **NDAC § 43-02-03-18.1**, is commonly referred to as a lease-line, section-line, or Overlapping Spacing Unit well. Conversely,



a drilling location outside setback areas, as defined by **NDAC § 43-02-03-18**, is commonly referred to as a prescribed, interior, Base Spacing Unit, or Underlying Spacing Unit well. The total number of horizontal wells – inclusive of prescribed and exceptional locations – on the Morris (Sections 23 and 26) and Carson Peak (Sections 35 and 2) tracts is currently 30 (see **Table 1**), which is significantly more than the 6-well minimum mandated by Order No. 14496.

# **PRESENT DAY SITUATION**

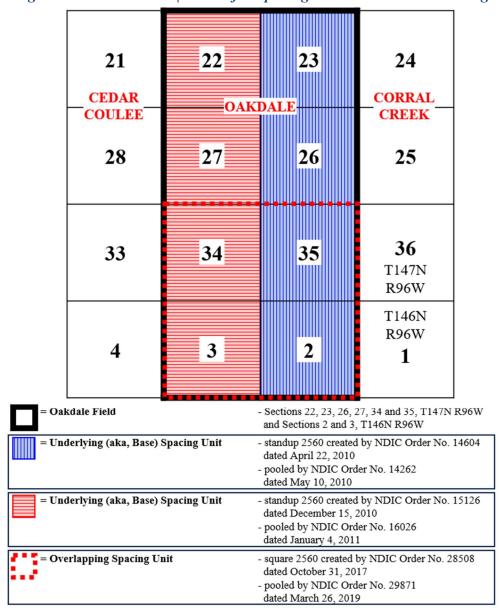


Figure 3. Oakdale Field | Orders for Spacing Unit Creation and Pooling

In early 2022, Thurmon Andress ("Andress") engaged the author to prepare a reserve report on his minerals in the Oakdale and surrounding fields. It was during this process that the author discovered the Oakdale Field operator allocates production inconsistent with the Standup 2560

Underlying Spacing Units created in 2010 for both the E/2 and west half ("W/2") of the Oakdale Field (Figure 3). By mid-2023, the author had discovered another nine Oakdale Field Working Interest Owners (aka, lessees) that shared the same allocation inconsistency as Andress. The ten companies and individuals this report was prepared for are collectively referred to as "Andress Sandefer" or the "Andress Sandefer et al Group."

Within days of each other, the NDIC issued orders redefining the appropriate well density on the Standup 2560 Base Spacing Unit (Order No. 28556 dated Nov 6, 2017) and creating the Square 2560 Overlapping Spacing Unit (Order No. 28508 dated Oct 31, 2017). Unlike a Standup 2560 or Laydown 2560 whereby all four governmental sections are oriented in a straight line, a "Square 2560" arranges four governmental sections in a 2×2 grid. Order No. 28508 created the Overlapping Spacing Unit that contains Sections 34 and 35 of T147N R96W plus Sections 2 and 3 of T146N R96W for the express purpose of drilling one exceptional location, which was later amended from one to two exceptional locations (Order No. 30640 dated Apr 7, 2020) (Figure 4).

22 23 21 24 **CEDAR** CORRAL OAKDALE COULEE **CREEK** 26 28 27 25 36 33 34 35 T147N **R96W** T146N **R96W** 3 2 4 1

Figure 4. Oakdale Field center-axis Exceptional Locations with Andress Sandefer WI = 0%

- Oakdale Field is comprised of eight (8) sections: Sections 22, 23, 26, 27, 34 and 35, T147N R96W and Sections 2 and 3, T146N R96W
- Underlying (aka, Base) Spacing Unit (standup 2560 comprised of Sections 23, 26 and 35, T147N R96W and Section 2, T146N R96W)
- = Underlying (aka, Base) Spacing Unit (standup 2560 comprised of Sections 22, 27 and 34, T147N R96W and Section 3, T146N R96W)
- Overlapping Spacing Unit (square 2560 comprised of Sections 34 and 35, T147N R96W and Sections 2 and 3, T146N R96W)
- Carson Peak 4-35HSL (NDIC #35272; SHL Sec 26; BHL Sec 2; drilled parallel to and ~220 feet From West Line (FWL) of Sections 35 and 2)
- = Whitman FIU 13-34HSL1 (NDIC #38533; SHL Sec 34; BHL Sec 3; drilled parallel to and ~220 feet From East Line (FEL) of Sections 34 and 3)



Continental Resources, Inc. – the operator of all wells in the Oakdale Field – was fully aware of Andress Sandefer's Working Interest ("WI") in the Standup 2560 Base Spacing Unit. In fact, Figure 5 was prepared by Continental and presented to the NDIC in Case No. 26144 as Exhibit L-2. Each Andress Sandefer member (or predecessor in interest) has a WI in the Standup 2560 yet are presently allocated zero WI by Continental in both the Carson Peak 4-35HSL (NDIC # 35272) ("CP4") and Whitman FIU 13-34HSL1 (NDIC # 38533) ("WFIU13") exceptional locations.

Ownership Summary Township 147 North, Range 96 West, All of Sections 23, 26 and 35 Township 146 North, Range 96 West, All of Section 2 Working Interest in Unit Area Leasehold Owner Interest Continental Resources, Inc. Burlington Resources Oil & Gas Co., LP 35.36% XTO Energy, Inc. 9.37% Imperial Oil of North Dakota, Inc. 2.34% Smithco Properties, Inc. 2.34% Tejon Exploration Company 2.18% McTan Holdings, LP 1.91% 2.18% Hess Bakken Investments II, LLC 1.88% Sierra Resources, Inc. 1.35% 1.91% Meridian 102, LP Sandefer Working Interests LLC 1.18% 1.18% Twin City Technical, LLC 0.93% Thurman Andress 0.84% 0.84% Pamela D'Andrea 0.55% Sandefer San Miguel Holdings, LLC 0.39% 0.39% Sandefer27, LLC 0.39% Vintage Oil & Gas. LLC 0.39% 0.24% Chevron Midcontinent, LLC 0.24% Ryan Moore SSMT GST Tax Exempt Tr 0.04% 0.21% Ryan Moore SSMT GST Non Exempt Tr 0.21% 0.04% Rocky Mountain Exploration, Inc. 0.21% Herbaly Exploration, LLC 0.19% BXP Partners III, LP 0.03% 0.15% Hugo Herrman 0.12% + 0.03% Comanche Exploration Co., LLC 0.10% Patrick R. & Carol J. Hawkinson, JT 0.07% **SubTotal = 7.03%** Michael Harrison Moore 0.07% Holman Educational Trust for McKendree College 0.05% Black Bear Resources II, LLC 0.05% Wind River Resources, Inc. 0.04% Thomas C. Thompson 0.04% Robert N. Fulwiler 0.04% Oxley Oil Ventures, LLC 0.03% Platte River Properties, Inc. 0.03% Gulf States Oil & Refining Company 0.03% David S. Halbert 0.03% INDUSTRIAL COMMUNICATION G. Randy Nicholson 0.03% Caribam Resources, Inc. 0.02% STATE OF NOR IN WALL Cherokee Warrior, Inc. 0.02% DATE 10-19-17 CA 13 26144 Robinson Management, LLC 0.02% Raisa II, LLC 0.02% influence by continental Exploration Energy, Inc. 0.02% Exhibit 1-2 Lewis Wilks and Jill Wilks 0.01% Identified by Canon M. Dennis Brush 0.01% Sandhill Petrol, LLC 0.01% Vrooman Energy, LLC 0.01% Occidental Energy Company, Inc. 0.01% Hemisphere Properties Corporation 0.01% Giles Energy, Inc. 0.01% Continental Donald R. Carter, MD 0.01% Case #26144 Exhibit L-2

Figure 5. Case No. 26144 Exhibit L-2 prepared by Continental Resources, Inc.

(The only changes to the original exhibit are Andress Sandefer members are highlighted red and the sum of their Working Interest in the Standup 2560 Base Spacing Unit is subtotaled.)

**Figure 6** was also prepared by Continental and presented to the NDIC in Case No. 26144 as Exhibit E-1. As the yellow callouts prepared by this author document, each Andress Sandefer member has a WI in three out of four setback areas – and exceptional locations drilled therein – surrounding the Standup 2560 but they have zero WI in the two exceptional locations (i.e., CP4 and WFIU13) located along the southwest side of the Standup 2560.

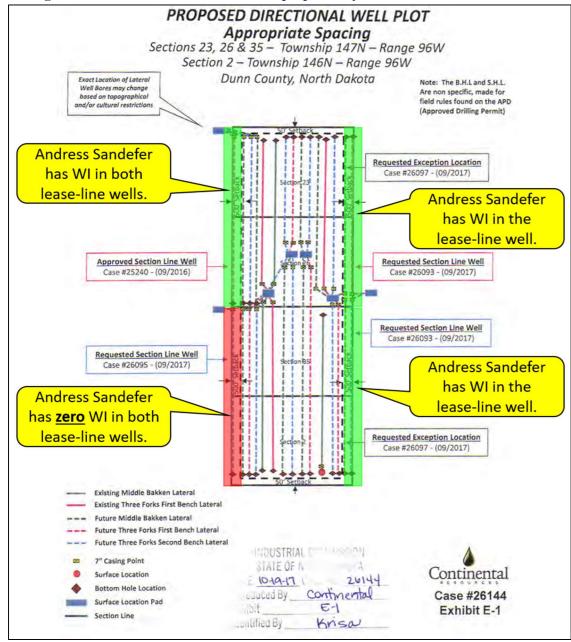


Figure 6. Case No. 26144 Exhibit E-1 prepared by Continental Resources, Inc.

(The only changes to the original exhibit are yellow callouts identifying Andress Sandefer Working Interest (WI) by lease-line well(s) and red- or green-highlighted setback areas. A green-highlighted setback area means Andress Sandefer WI > 0% in the lease-line wells whereas a red-highlighted setback area means Andress Sandefer WI = 0% in the lease-line wells.)

#### OAKDALE, CEDAR COULEE, CORRAL CREEK & BEAR CREEK FIELDS

**Figure 7** is a stick diagram showing the entire **Oakdale Field** (Sections 22, 23, 26, 27, 34, and 35 of T147N R96W and Sections 2 and 3 of T146N R96W) plus portions of **Cedar Coulee Field** (Sections 21, 28, and 33 of T147N R96W and Section 4 of T146N R96W), **Corral Creek Field** (Sections 24, 25, and 36 of T147N R96W and Section 1 of T146N R96W), and **Bear Creek Field** (Section 15 of T147N R96W). The two exceptional locations drilled along the center-axis of the S/2 of Oakdale that Andress Sandefer have zero WI are identified with callouts.

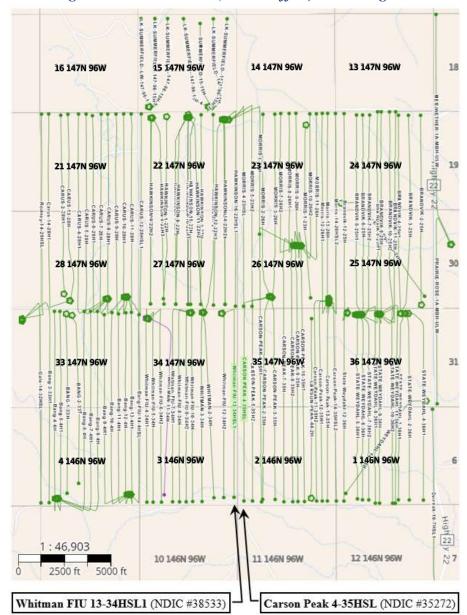


Figure 7. Oakdale Field (& near offset) Stick Diagram

(Stick diagram generated via WellDatabase.com. Surface Locations indicated with open pentagons; Bottomhole Locations indicated with small solid dots.)

From Figure 7, it is apparent most wells near Oakdale are located at or near the common boundary of two Standup 1280-acre spacing units; however, there is a cluster of wells located in the northeast quarter ("NE/4") of Section 26. Upon closer inspection of the Central Tank Battery ("CTB") on the NE/4 of Section 26, one discovers five of the ten wells are named "Carson Peak" instead of "Morris." This is important because the five Carson Peak wells that surface here physically have perforations on the Morris tract, in other words, five Carson Peak wells have >25% of their combined perforations physically off-tract of Carson Peak sections (e.g., Sections 35 and 2).

Table 1. Perforations for every Morris & Carson Peak Prescribed + Exceptional Location

Well	NDIC#	Тор	Bttm	Total	Off-Tract	# of	C
weii	NDIC #	Perf (ft)	Perf (ft)	Perfs (ft)	Perfs (ft)	Wells	Comment
Morris 1-23H	17334	11,429	20,300	8,871	-	1	
Morris 2-26H	18860	11,712	21,145	9,433	-	1	
Morris 3-26H	18858	11,655	20,970	9,315	-	1	
Morris 4-23HSL	34353	11,537	21,717	10,180	-	1	Overlapping
Morris 5-23H2	34352	11,666	21,937	10,271	-	1	
Morris 6-23H **	34351	11,538	17,976	6,438	-	1	Short-Lateral
Morris 7-26H2 **	35109	11,705	18,713	7,008	-	1	Short-Lateral
Morris 8-26H1 **	35082	11,552	18,618	7,066	-	1	Short-Lateral
Morris 9-26H **	35085	11,564	18,867	7,303	-	1	Short-Lateral
Morris 10-26H2 **	35086	11,684	19,009	7,325	-	1	Short-Lateral
Morris 11-26H **	35087	11,600	18,914	7,314	-	1	Short-Lateral
Morris 12-26H1	37713	11,683	21,932	10,249	_	1	
Morris 13-26H	37714	11,552	21,804	10,252	-	1	
Morris 14-26HSL2	37793	11,627	21,872	10,245	-	1	Overlapping
Hawkinson 16-22HSL1	34354	11,443	21,510	10,067	-	1	Overlapping
Carson Peak 44-2H	17079	11,807	20,596	8,789	-	1	
Carson Peak 2-35H	18861	11,854	22,067	10,213	_	1	
Carson Peak 3-35H	18859	11,838	22,065	10,227	-	1	
Carson Peak 4-35HSL	35272	11,882	21,956	10,074	_	1	Overlapping
Carson Peak 5-35H2	35273	11,887	22,156	10,269	-	1	
Carson Peak 6-35H1 **	35108	11,877	26,152	14,275	3,872	1	Long-Lateral
Carson Peak 7-35H **	35080	11,539	25,248	13,709	3,321	1	Long-Lateral
Carson Peak 8-35H2 **	35081	11,678	25,320	13,642	3,250	1	Long-Lateral
Carson Peak 9-35H **	35083	11,629	25,554	13,925	3,600	1	Long-Lateral
Carson Peak 10-35H1 **	35084	11,671	25,584	13,913	3,534	1	Long-Lateral
Carson Peak 11-35H2	37715	11,658	21,854	10,196	12	1	
Carson Peak 12-35H1	37716	11,597	21,802	10,205	-	1	
Carson Peak 13-35H	37794	11,547	21,311	9,764	(+)	1	
Carson Peak 14-35HSL2	37795	11,651	21,855	10,204	-	1	Overlapping
Whitman FIU 13-34HSL1	38533	11,878	21,356	9,478	-	1	Overlapping

Note #1: Short-Laterals for Morris & Long-Laterals for Carson Peak are indicated with double asterik (\*\*) by wellname. Note #2: red-colored font are Lease-Line wells drilled pursuant to an Overlapping Spacing Unit order.

Grouping	Total Perfs (ft)	Off-Tract Perfs (ft)	# of Wells	Ratio Off-Tract/ Morris Total (%)
Morris Base + Overlapping Spacing Units combined =	131,337	-	15	0%
Morris Base Spacing Unit only =	100,845		12	0%
Morris Short-Laterals only =	42,454	-	6	0%
Grouping	Total Perfs (ft)	Off-Tract Perfs (ft)	# of Wells	Ratio Off-Tract/ CP Total (%)
Carson Peak Base + Overlapping Spacing Unit combined =	168,883	17,577	15	~10.4%
Carson Peak Base Spacing Unit only =	139,127	17,577	12	~12.6%
Carson Peak Long-Laterals only =	69,464	17,577	5	~25.3%

Per **Table 1**, Carson Peak has five long-laterals and Morris has six short-laterals. Long-lateral wells are characterized by perfs physically extending beyond the norm of two-section spacing units. This means oil that would have otherwise been produced via a wellbore named "Morris" is actually produced via a wellbore named "Carson Peak." Therefore, any comparison of historical production or EUR between Morris- and Carson Peak-named wells will be wrong unless said comparison (i) allocates through-wellbore reserves of long-laterals between the two tracts and (ii) corrects for interference of long-lateral perforations with interposed Morris laterals.

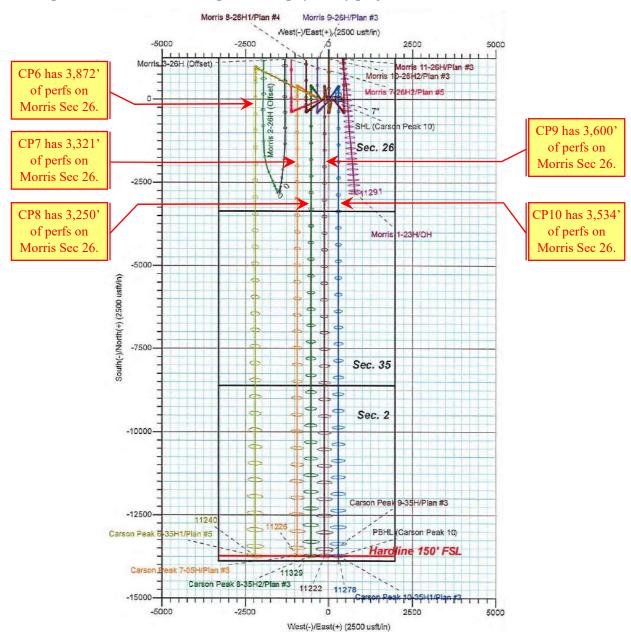


Figure 8. Carson Peak Long-Laterals physically perforated on Morris' Section 26

(source: <a href="https://www.dmr.nd.gov/oilgas/feeservices/getwellfile.asp">https://www.dmr.nd.gov/oilgas/feeservices/getwellfile.asp</a>. Portion of Page 38 of 66 for Well File Number 35084. Last visited May 20, 2024. Callouts added by author.)

Per **Figure 8**, all five Carson Peak Long-Laterals surface on Section 26. That means a pro-rata allocation of through-wellbore reserves based solely upon perforations <u>understates</u> true oil production from the Morris tract. The reason is due to degradation of oil production associated with ever-longer laterals. Said differently, perforations ("perfs") in the heel-half consistently produce more barrels of oil per foot ("bo/ft") than perfs in the toe-half of a lateral.

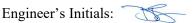
Alexander Cui and Ted Cross from Novi Labs presented a paper in 2022 titled "<u>The Diminishing Returns of Extending Lateral Length Across Different Basins</u>" (URTeC-3723784-MS). The Williston Basin was one of six different basins analyzed; and consistent with the majority of observations, the Williston Basin fails to exhibit "a 100% lateral length efficiency; [in other words] doubling the lateral length from 5,000 ft to 10,000 ft does not produce double the oil production."

Per that URTeC paper, Novi's dataset evaluated the first 3 years of production for wells spread across the Williston Basin, whereas the author's dataset analyzes the EUR at Oakdale Field and adjacent spacing units. Novi documented an **18% reduction** in bo/ft during the first 3 years as a result of operators extending laterals from 5,000 to 10,000 feet. Comparably, the author documents an **11% reduction** in bo/ft over the life of the well (typically 15-30 years) between Morris Short-Laterals (>60 bo/ft) and Carson Peak Long-Laterals (<54 bo/ft). Therefore, whether one looks at industry-wide papers or Oakdale-specific analyses, the data substantiates heel-half performance is better than toe-half performance; as such, allocating production in Carson Peak Long-Laterals solely based upon perforations <u>understates</u> oil recovered from the Morris tract given the heels of all five Carson Peak Long-Laterals are on Section 26 (i.e., the Morris tract).

Continental is allowed to commingle production from the Carson Peak and Morris tracts by virtue of NDAC § 43-02-03-42, which states in part, "...each pool shall be produced as a single common reservoir without commingling in the well bore of fluids from different pools." Thus, pooling the Morris Standup 1280 with the Carson Peak Standup 1280 into a single Standup 2560 avoids conflict with NDAC § 43-02-03-42. Conversely, bifurcating the Morris and Carson Peak Standup 1280's would directly conflict with said statute while simultaneously impacting correlative rights. For instance, although a minimum can be estimated, the true quantity of Morris-tract oil produced via Carson Peak Long-Laterals is likely greater. Therefore, to protect correlative rights while concurrently preventing waste, the Standup 2560 is the appropriate base spacing unit for allocating exceptional locations (i.e., Overlapping Spacing Unit wells) in the Oakdale Field. Any other allocation methodology results in the net transfer of oil from the north half ("N/2") to the S/2 of Oakdale by virtue of (i) interference caused by exceptional locations in the S/2 of Oakdale plus (ii) oil produced via Carson Peak Long-Laterals that originated from the Morris tract.

#### **INTERFERENCE THAT HARMS CORRELATIVE RIGHTS**

**Figure 9** is a gun barrel diagram of the S/2 of Oakdale Field as of July 2018. A gun barrel diagram is simply a graphical representation of horizontal wells across one or more sections in relation to one or more relevant formations. In the case of **Figure 9**, two adjacent sections (Section 2 and 3) are depicted along with specific zones of the Oakdale-Bakken Pool.



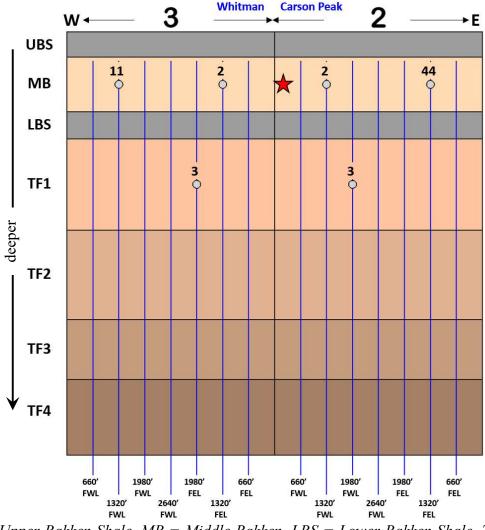


Figure 9. Gun Barrel Diagram of S/2 of Oakdale as of Jul 2018 (pre-drill CP4)

(UBS = Upper Bakken Shale, MB = Middle Bakken, LBS = Lower Bakken Shale, TF1 = Three Forks 1<sup>st</sup> Bench, TF2 = Three Forks 2<sup>nd</sup> Bench, TF3 = Three Forks 3<sup>rd</sup> Bench, TF4 = Three Forks  $4^{th}$  Bench. Each section (west-east) = 1 mile; diagram is 2 miles wide total. Formation thickness vertical exaggeration = 40. Wellbore diameter vertical exaggeration = 400. Red star indicates approximate location of the Carson Peak 4-35HSL (NDIC # 35272), i.e., the first of two lease-line wells drilled along the center-axis of the S/2 of the Oakdale Field.)

As of July 2018 – prior to spudding the Carson Peak 4-35HSL (NDIC # 35272) ("CP4") exceptional location – there were only six horizontals in the S/2 of Oakdale Field. The CP4 "child well" landed in the MB and its two closest MB "parent wells" are the Carson Peak 2-35H (NDIC # 18861) ("CP2") to the east and the Whitman 2-34H (NDIC #20210) ("W2") to the west. For reference, the CP2 is spaced in the Standup 2560 covering the E/2 of Oakdale Field and the W2 is spaced in the Standup 2560 covering the W/2 of Oakdale Field. As such, interference between the CP4 exceptional location and either Standup 2560 well coupled with Continental's refusal to allocate production from exceptional locations to Standup 2560's negatively impacts Andress Sandefer's correlative rights.

By February 2022 – after drilling the Whitman FIU 13-34HSL1 (NDIC # 38533) ("WFIU13") exceptional location – there were a total of 27 horizontals in the S/2 of Oakdale Field (Figure 10). The WFIU13 landed in the TF1 and its two closest TF1 offset producers are the Carson Peak 6-35H1 (NDIC # 35108) ("CP6") and Whitman 3-34H (NDIC #20212) ("W3"). For reference, the CP6 is spaced in the Standup 2560 covering the E/2 of Oakdale Field and the W3 is spaced in the Standup 2560 covering the W/2 of Oakdale Field. As such, interference between the WFIU13 exceptional location and either Standup 2560 well coupled with Continental's refusal to allocate production from exceptional locations to Standup 2560's negatively impacts correlative rights.

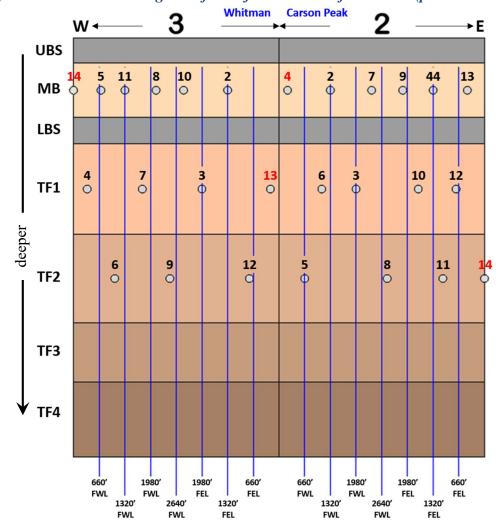


Figure 10. Gun Barrel Diagram of S/2 of Oakdale as of Feb 2022 (post-drill WFIU13)

(UBS = Upper Bakken Shale, MB = Middle Bakken, LBS = Lower Bakken Shale, TF1 = Three Forks 1<sup>st</sup> Bench, TF2 = Three Forks 2<sup>nd</sup> Bench, TF3 = Three Forks 3<sup>rd</sup> Bench, TF4 = Three Forks  $4^{th}$  Bench. Each section (west-east) = 1 mile; diagram is 2 miles wide total. Formation thickness vertical exaggeration = 40. Wellbore diameter vertical exaggeration = 400. Red-colored numbers indicate the four exceptional locations drilled along the center-axis and outer edges of the S/2 of the Oakdale Field.)

Depending upon distance between wells, reservoir parameters (permeability, thickness, etc), and fluid characteristics (viscosity, saturation, etc), drilling an infill well – which can either be a prescribed or exceptional location – typically repositions no flow boundaries. **Figure 11** conceptualizes the drilling of an infill (aka, child) well between two parent (aka, legacy) wells; and as depicted in the diagram, the original no flow boundary collapses between the parent wells and two new no flow boundaries arise.

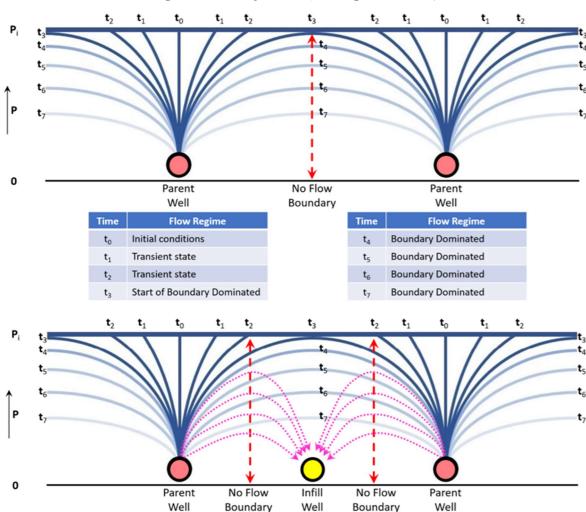


Figure 11. Interference (Conceptual Model)

Given the CP4 exceptional location is closer to the CP2 than the W2, the CP2 (parent well) is logically the first well to examine for CP4 (child well) interference. **Figure 12** shows monthly production for the CP2 since inception plus a forecast to its Economic Limit. Monthly oil, gas, and water are plotted on a log scale on the left Y-axis; and GOR (Gas Oil Ratio in standard cubic feet of gas per stock tank barrel of oil) and WOR (Water Oil Ratio in barrels of water per barrel of oil) are plotted on a log scale on the secondary Y-axis. The X-axis values are calendar years represented by two digits; thus, "24" represents calendar year 2024. **Figure 12** is commonly referred to as a **LogRate vs. Time** plot by petroleum evaluation engineers.

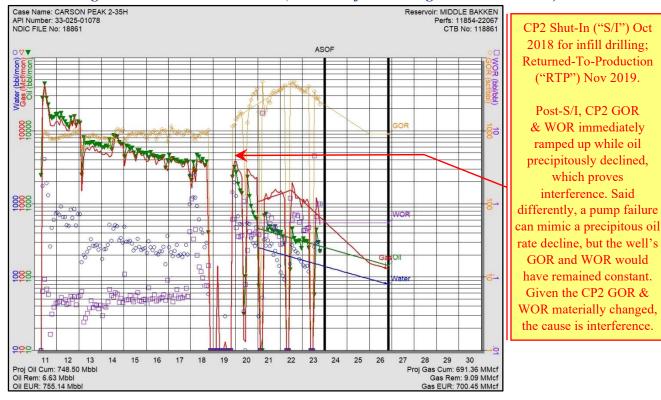
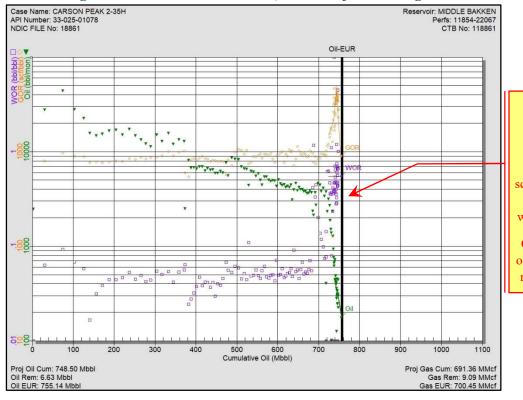


Figure 12. Carson Peak 2-35H (Post-Interference LogRate vs. Time Plot)





CP2 CumOil as of Oct  $2018 \approx 718$  Mbo. Post RTP, CP2 GOR immediately increased from  $\sim 1000$  to  $\sim 4500$ scf/stb. Concurrently, CP2 oil production declined while its WOR increased.

**Conclusion**: the drilling of the CP4 had a material, negative impact on CP2.

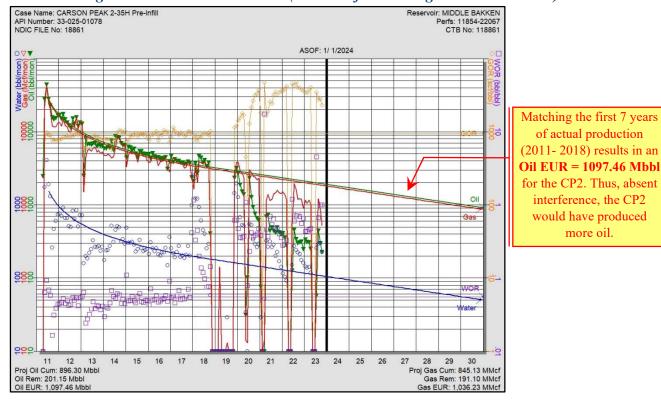


Figure 14. Carson Peak 2-35H (Pre-Interference LogRate vs. Time Plot)



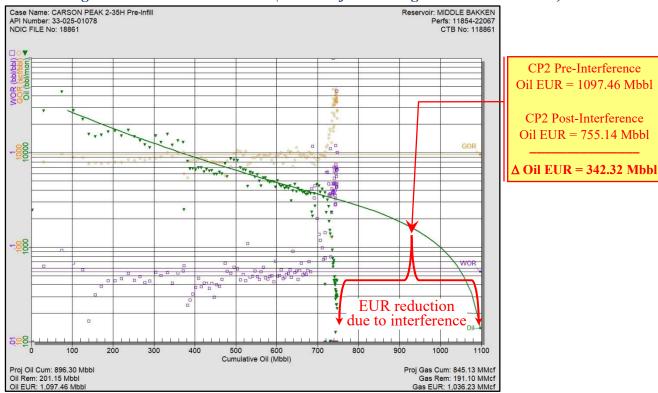


Figure 13 uses the same monthly production data for the CP2 except the X-axis is changed from Time (i.e., calendar years) to Cumulative Oil. As such, Figure 13 is commonly referred to as a LogRate vs. CumOil plot by petroleum evaluation engineers. Although an in-depth discussion of production forecasting is beyond the scope of this report, it is worth noting that the LogRate vs. Time and LogRate vs. CumOil plots, when used in combination on oily formations such as the Bakken, are extremely powerful as they quickly bracket hyperbolic exponents (0 < b < 1 or b > 1) and refine terminal decline rates when b = 0. By comparing a post-interference forecast (e.g., Figure 12 and Figure 13) with a pre-interference forecast (e.g., Figure 14 and Figure 15), the impact on the CP2 can be quantified.

 Case
 Oil EUR (Mbbl)
 Gas EUR (MMcf)

 Pre-Interference
 1097.46
 1036.23

 Post-Interference
 755.14
 700.45

 Delta (Pre - Post)
 342.32
 335.78

Table 2. Carson Peak 2-35H Pre- vs Post-Interference

Per **Table 2**, the CP2 is forecasted to produce about 342 thousand barrels (Mbbl) of oil and 336 million cubic feet (MMcf) of gas <u>less</u> due to interference. Andress Sandefer own just over 7% Working Interest in the CP2 Base Spacing Unit well but zero Working Interest in the CP4 given Continental's current allocation methodology for Overlapping Spacing Units. As such, any CP4 production not allocated to the Standup 2560 confiscates a portion of Andress Sandefer's production, which is a violation of Andress Sandefer's correlative rights.

Figure 16 shows the W2's post-interference LogRate vs. Time plot and Figure 17 shows its post-interference LogRate vs. CumOil plot. From Figure 17, it is apparent W2's WOR increased around ±1600 Mbbl, flattened around ±1700 Mbbl, and increased again around ±1800 Mbbl. From a timing perspective, the W2 reached these cumulative oil values around August 2018, November 2019, and September 2022 which coincides with the Whitman 3-34H (NDIC # 20212) ("W3") redrill, CP4 lease-line completion, and WFIU13 lease-line completion, respectively. Figure 18 and Figure 19 are W2 pre-interference plots.

Per the **Figure 10** gun barrel diagram, both the W3 and WFIU13 are landed in the deeper TF1 instead of the shallower MB. Thus, the W2 proves interference can occur not only between wells in the *same* zone (e.g., CP4) but also between wells in *different* zones (e.g., W3 and WFIU13).

For reference, the CP2, Carson Peak 3-35H (NDIC #18859) ("CP3"), and CP6 (i.e., closest inzone Carson Peak Base Spacing Unit wells to Oakdale's S/2 exceptional locations) are spaced in the Standup 2560 covering the E/2 of Oakdale. Likewise, the W2 and W3 (i.e., closest in-zone Whitman Base Spacing Unit wells to Oakdale's S/2 exceptional locations) are spaced in the Standup 2560 covering the W/2 of Oakdale. As such, interference between the CP4 or WFIU13 exceptional locations with proximal Standup 2560 wells coupled with Continental's refusal to allocate production from lease-line wells to Standup 2560's negatively impacts Andress Sandefer's correlative rights.

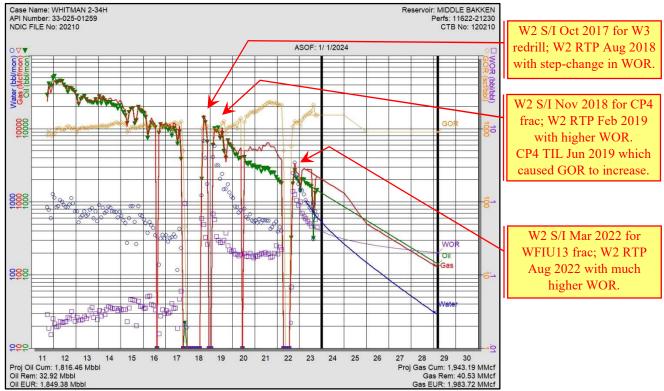
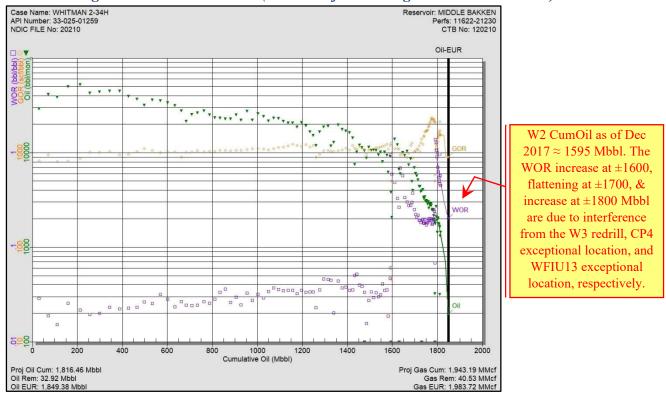


Figure 16. Whitman 2-34H (Post-Interference LogRate vs. Time Plot)





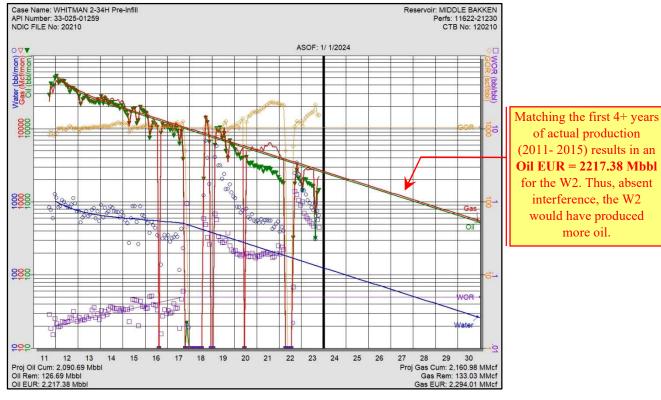


Figure 18. Whitman 2-34H (Pre-Interference LogRate vs. Time Plot)

Figure 19. Whitman 2-34H (Pre-Interference LogRate vs. CumOil Plot)

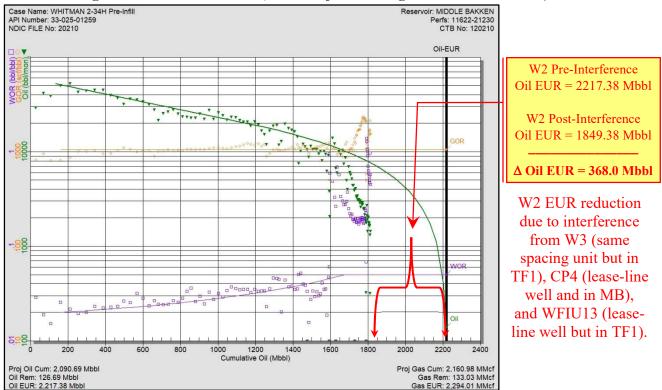


Table 3. Whitman 2-34H Pre- vs Post-Interference

Case	Oil EUR (Mbbl)	Gas EUR (MMcf)
Pre-Interference	2217.38	2294.01
Post-Interference	1849.38	1983.72
Delta (Pre - Post)	368.00	310.29

Per **Table 3**, the W2 is forecasted to produce 368 Mbbl of oil and about 310 MMcf of gas <u>less</u> due to interference. Andress Sandefer own just over 6% Working Interest in the W2 but zero in the CP4 and WFIU13 given Continental's current allocation methodology for Overlapping Spacing Units. As such, any W2 production not allocated to the Standup 2560 confiscates a portion of Andress Sandefer's production, which is a violation of Andress Sandefer's correlative rights.

Repeating the same analysis for the W3, yields **Table 4**. **Figure 20** and **Figure 21** are post-interference forecasts whereas **Figure 22** and **Figure 23** are pre-interference forecasts for the W3.

Table 4. Whitman 3-34H Pre- vs Post-Interference

Case	Oil EUR (Mbbl)	Gas EUR (MMcf)
Pre-Interference	1368.94	1909.57
Post-Interference	1166.87	1518.57
Delta (Pre - Post)	202.07	391.00

Combining the deltas from **Table 2**, **Table 3**, and **Table 4** yields **Table 5**. In short, the drilling of lease-line wells (i.e., CP4 and WFIU13) that Andress Sandefer do not have a WI in has materially reduced through-wellbore reserves in wells that Andress Sandefer do have a WI in.

Table 5. Parent Well Combined Interference Impact

Parent Well	Δ Oil EUR (Mbbl)	Δ Gas EUR (MMcf)
CP2	342.32	335.78
W2	368.00	310.29
W3	202.07	391.00
Combined Delta (Pre - Post)	912.39	1037.07

Per **Table 5**, the combined loss of oil reserves in the three parent wells (CP2, W2, and W3) is estimated to be about 912 Mbbl of oil and 1037 MMcf of gas due to interference. Andress Sandefer own just over 6% Working Interest in the W2 and W3 and just over 7% Working Interest in the CP2 but zero Working Interest in the CP4 and WFIU13 given Continental's current allocation methodology for Overlapping Spacing Units. As such, all production allocated to the WFIU13 and CP4 in lieu of the Standup 2560 Base Spacing Unit confiscates a portion of Andress Sandefer's production, which is a violation of Andress Sandefer's correlative rights.

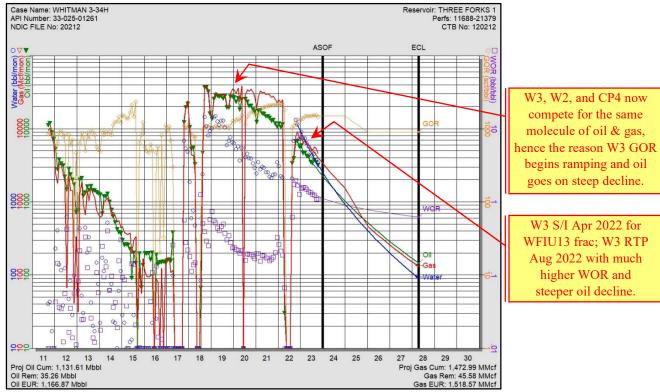


Figure 20. Whitman 3-34H (Post-Interference LogRate vs. Time Plot)

Figure 21. Whitman 3-34H (Post-Interference LogRate vs. CumOil Plot)



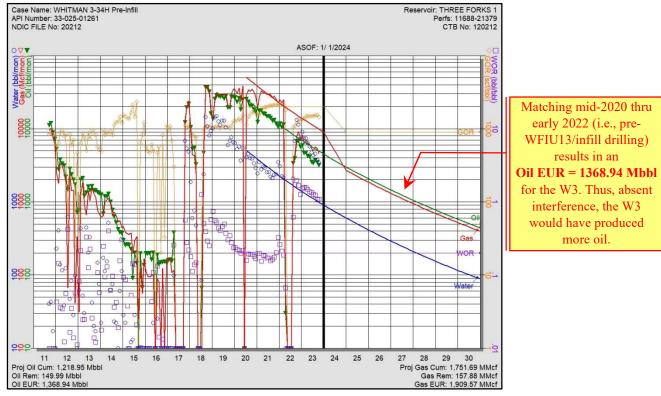
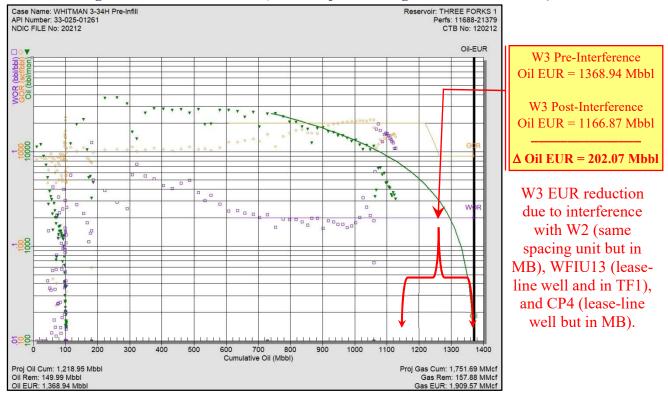


Figure 22. Whitman 3-34H (Pre-Interference LogRate vs. Time Plot)

Figure 23. Whitman 3-34H (Pre-Interference LogRate vs. CumOil Plot)



In addition to correlative rights infringement caused by hydrocarbons produced via lease-line wells with zero Andress Sandefer Working Interest, a multivariable regression analysis performed on Lease Operating Expenses ("LOE") for Oakdale determined water production was the best predictor of LOE. Given exceptional locations increase water production in offset Standup 2560 Base Spacing Unit wells, Andress Sandefer not only lose oil due to interference but also receives a "penalty" of paying higher operating costs on wells they <u>do own</u> an interest in to dispose of water originating from lease-line wells they <u>do not own</u> an interest in. Furthermore, sand clean-out and pump change-outs in parent wells often occur as a result of lease-line completion operations.

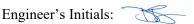
Where Andress Sandefer has a Working Interest in both the parent and lease-line wells, correlative rights are preserved; however, Continental has not – to the author's knowledge – reimbursed Andress Sandefer for sand clean-out or pump change-outs when an exceptional location <u>absent</u> Andress Sandefer WI damages a prescribed location <u>with</u> Andress Sandefer WI. As such, these Workover Expenses ("WOE") are another "penalty" Continental creates by refusing to allocate Overlapping Spacing Unit production to the entire Base Spacing Unit. Lastly, Andress Sandefer's correlative rights are also injured due to extended shut-in periods – and forfeiture of production and revenue – associated with lease-line operations. By way of example, the CP2 was shut-in for 13 months, which is an inordinate amount of time for the drilling and fracking of an offset well(s).

#### **SUMMARY & CONCLUSIONS**

Overlapping Spacing Units – which are created for the sole purpose of drilling exceptional locations – can mitigate, if not eliminate, injury to correlative rights by ensuring the entire Base Spacing Unit receives its pro rata allocation of production from the exceptional location(s). However, when an Overlapping Spacing Unit fails to allocate production to the entire Base Spacing Unit – as is Continental's current practice – correlative rights are severely injured.

Interference analysis is most applicable for legacy (parent) wells with established Pre- and Post-Interference performance trends, which allows for the quantification of lost reserves by difference. Infill (child) wells typically have little (or no) discernable Pre-Interference production history; as such, the ability to quantify lost production in child wells is negated.

Given that the vast majority of wells in Oakdale are child wells, interference is only *quantifiable* on a small subset of wells. Nevertheless, interference in child wells is *qualifiable* and often manifests itself via lower initial rates (absent technology improvements), steeper declines, lower hyperbolic exponents, faster-ramping GOR, lower EUR, or some combination thereof. These telltales are present at Oakdale, which are amplified by the lease-line wells in dispute (e.g., CP4 and WFIU13). The wells in **Table 6** are arranged from west to east (xref **Figure 10**) and compare several performance characteristics. Focusing on the most recent well to be Turned In Line ("TIL") (i.e., WFIU13), **Table 6** shows its Peak Oil Rate was about 34% of the average Peak Oil Rate for the W2, CP4, and CP2 (= 17041 / [(52616+54311+44150) / 3]). Likewise, both the WFIU13 and CP4 child wells show lower hyperbolic exponents of 0.2 versus ≥1 for the two parent wells. GOR was flat for more than six years in both parent wells; however, the GOR ramped from 1,000 to



more than 3,000 scf/stb in 2.5 years for the CP4 but in less than 1 year for the WFIU13. In short, lease-line wells are exacerbating interference in the S/2 of Oakdale as proven by WFIU13 results.

Table 6. Lease-Line Well Interference Telltales

Parameter	W2	WFIU13 (Child	CP4 (Child	CP2
1 at affected	(Parent)	+ Lease-line)	+ Lease-Line)	(Parent)
Target Zone (Bench)	MB	TF1	MB	MB
TIL Date (month year)	Sep 2011	Jul 2022	Jun 2019	Apr 2011
Peak Oil Rate (bopm)	52,616	17,041	54,311	44,150
Initial Decline (%)	45%	60%	Flat then 70%	75%
Hyperbolic Exponent (b)	1.0	0.2	0.2	1.2
GOR (scf/stb) behavior	±1,000 flat	Ramped from	Ramped from	±1,000 flat
	for 6+ yrs	1,000 to 3,000+	1,000 to 3,000+	for 7+ yrs
		in < 1 yr	in $\sim 2.5 \text{ yrs}$	
WOR behavior	Slow ramp	Slow decline	Slow decline	±0.05 flat
	from 0.02	from 0.7 to 0.4	from 0.3 to 0.2;	for 6+ yrs
	to 0.05	in 1+ yr	jumped to 0.6	
			post WFIU13.	
Post-Interference	1,849	242	979	1097
Oil EUR (Mbbl)				
Lost Oil due to	368	n/a	n/a	342
Interference (Mbbl)				

(TIL = Turned In Line; bopm = barrels of oil per month)

Continental's current accounting methodology allocates Andress Sandefer slightly more than 6% WI in the W2 and W3 and 7% WI in the CP2 but nothing in the CP4 and WFIU13. Therefore, when hydrocarbons are produced via the CP4 or WFIU13, Andress Sandefer receives no allocation of production. That fact is problematic because lost oil in the W2, W3, and CP2 totals 912 Mbbls (Table 5) yet the produced oil in the WFIU13 and CP4 totals 1221 Mbbls (= 242 + 979). Ignoring for a moment the WFIU13 and CP4 are landed in zones previously pooled with Andress Sandefer, the fact remains that, in a worst-case scenario, about 75% (= 912 / 1221) of the oil produced via the WFIU13 and CP4 may be the direct confiscation of oil from wells Andress Sandefer own an interest in while the remaining 25% is capture of reserves from poorly drained setback areas.

On the other hand, if Continental applied the NDIC recommended two-step allocation methodology of Overlapping Spacing Units to Base Spacing Units, Andress Sandefer would receive its pro rata share of production (around 7% WI) in both the CP4 and WFIU13 lease-line wells. Doing so would eliminate all negative impacts to correlative rights and Andress Sandefer would be indifferent as to which well produces which oil and gas molecule.

Due to interference, the W2, W3, and CP2 parent wells are estimated to lose about 912 Mbbl of oil and 1037 MMcf of gas. Assuming constant prices of \$60 per barrel of oil and \$3 per Mcf of gas plus a 6.5% weighted average WI, Andress Sandefer stands to forfeit about \$3.8 Million of revenue while concurrently absorbing an undetermined amount of incremental LOE and WOE for

#### Andress Sandefer Interference Analysis for Oakdale Field

sand clean-outs, pump change-outs, and water disposal as a consequence of the lease-line wells being developed.

Based upon my evaluation of exceptional wells in the S/2 of Oakdale Field, interference is real and material. Unfortunately, it is also pernicious because of the allocation methodology Continental presently employs. The Standup 2560's covering the E/2 and W/2 of Oakdale Field – and the wells contained therein – are the appropriate Base Spacing Unit for purposes of allocating production from Overlapping Spacing Units in order to protect all parties' correlative rights.

Not that another reason is necessary, but the fact that more than 25% of perforations in five Carson Peak wells (aka, the Carson Peak Long-Laterals) are physically located on the Morris tract (e.g., Section 26) underpins why Standup 2560's are the appropriate Base Spacing Unit for Oakdale when it comes to allocating production from Overlapping Spacing Units.

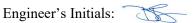
#### ABOUT THE AUTHOR / CONFLICTS OF INTEREST STATEMENT

The technical person responsible for compiling this report meets the requirements regarding qualifications, independence, objectivity, and confidentiality set forth in the Society of Petroleum Engineer standards. Dwayne T. Stewart, a Licensed Professional (Petroleum) Engineer in the State of Texas, has 29 years of total upstream oil and gas experience. Over the course of my 29 years, I have had the pleasure of working and leading a variety of multi-functional teams for Exxon, BreitBurn Energy Partners (large independent), Fairways Exploration (start-up exploration), and others. In each of these organizations, I progressed through increasing levels of management and leadership opportunities.

Upon joining Netherland, Sewell & Associates, Inc. ("NSAI") in 2004, I began practicing consulting petroleum engineering. During my tenure at NSAI, I contributed and authored reserve, resource, and competent person reports compliant with not only United States Securities & Exchange Commission Regulation S-X but also Canadian Securities Administration NI 51-101 and London Stock Exchange AIM regulations.

In preparation of BreitBurn Energy Partners Initial Public Offering, I set up and managed its corporate reserve and resource database that ultimately grew to more than 3,000 producing wells and 2,000 drilling locations totaling more than 400 Million Barrels of Oil Equivalent ("MMBOE").

More recently, I had the opportunity to form my own consulting practice that specializes in bespoke solutions for business planning, asset optimization, economic evaluations, and financial modeling in the energy, energy transition, and other sectors. Projects currently in progress include ongoing Acquisition & Divestiture ("A&D") support, leading and strategically planning a 10+ million metric ton per annum Carbon Capture & Sequestration ("CCS") project, and Asset Development & Depletion Planning ("ADDP") of legacy fields.



Over the course of my 29 years, I have worked on and managed teams in operating environments ranging from (i) 500' TVD to 15,000' TVD; (ii) dead, heavy oil to rich, natural gas; (iii) shallow, low-pressure, cold reservoirs to deep, high-pressure, hot reservoirs; (iv) conventional and unconventional formations; (v) onshore and offshore locales; and (vi) primary to secondary to tertiary recovery techniques.

I have personally audited, generated, or updated over 50,000 unique production forecasts covering oil, gas, water, natural gas liquids, Gas Oil Ratio ("GOR"), Water Oil Ratio ("WOR"), and others including typecurves and creaming curves associated therewith which are ordinary and customary in the upstream oil and gas industry. As such, assessing interference between prescribed locations (aka, Base Spacing Unit wells) and exceptional locations (aka, Overlapping Spacing Unit wells) is within my experience and professional discipline.

As an independent petroleum engineer, I neither own an interest in the Oakdale Field (or surrounding properties) nor was I employed on a contingent basis by Andress Sandefer.

Very truly yours,

Foundation Energy, LLC

Firm # 23370

Dwayne T. Stewart By:

Texas Professional Engineer # 135493

Signed: May 30, 2024

#### EXHIBIT A | ALLOCATED TOTALS BY TRACT

Per Table 1 and Figure 8, a head-to-head comparison of EUR by area cannot be made absent allocating some fraction of Carson Peak Long-Laterals production to the Morris tract. The table below is a summary of the allocated production, which is expanded into greater detail by tract in Exhibit B.

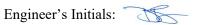
A	Allocated Total	s by Tract			Per	Well Averag	es
Combined Performance	MBO	MMCF	MBOE	# Wells	MBO	MMCF	MBOE
Hawkinson (1280)	6,812.0	12,742.9	8,935.8	16.5	412.8	772.3	541.6
Whitman (1280)	8,461.5	13,619.6	10,731.5	12.5	676.9	1,089.6	858.5
Morris (1280)	7,298.4	13,873.5	9,610.6	13.5	540.6	1,027.7	711.9
Carson Peak (1280)	7,391.6	11,909.4	9,376.5	13.5	547.5	882.2	694.6
Carus (1280)	6,365.9	13,984.7	8,696.7	14.0	454.7	998.9	621.2
Bang (1280)	5,040.2	9,173.5	6,569.1	14.0	360.0	655.3	469.2
Brandvik (1280)	6,232.7	11,663.5	8,176.6	13.0	479.4	897.2	629.0
State Weydahl (1280)	6,878.0	10,872.8	8,690.1	13.0	529.1	836.4	668.5
allocated to other tracts	1,313.9	2,233.0	1,686.1	3.0	438.0	744.3	562.0
SubTotal 1280s =	55,794.2	100,072.8	72,473.0	113.0	493.8	885.6	641.4
Summerfield (640)	2,660.6	3,695.3	3,276.4	6.5	409.3	568.5	504.1
allocated to other tracts	144.3	215.1	180.2	0.5	288.6	430.2	360.3
SubTotal 640s =	2,804.9	3,910.4	3,456.6	7.0	400.7	558.6	493.8

(MBO = thousand barrels of oil; MMCF = million standard cubic feet of gas, MBOE = thousand barrels of oil equivalent using 6 MCF to 1 barrel of oil equivalent.)



#### EXHIBIT B | GUN BARREL DIAGRAMS & ALLOCATED EUR BY TRACT

- Oakdale Field Hawkinson pg 32
- Oakdale Field Whitman pg 33
- Oakdale Field Morris pg 34
- Oakdale Field Carson Peak pg 35
- Cedar Coulee Field Carus pg 36
- Cedar Coulee Field Bang pg 37
- Corral Creek Field Brandvik pg 38
- Corral Creek Field State Weydahl pg 39
- Bear Creek Field Summerfield pg 40



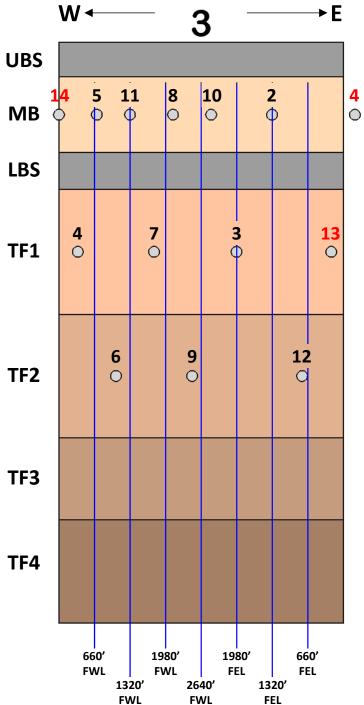
## W← **UBS 13** 4 **MB LBS** 10 16 TF1 0 11 14 TF2 12 TF3 TF4 660' 1980' 1980' 660' **FWL FWL** FEL FEL 1320' 2640' 1320' **FWL** FWL FEL

# **HAWKINSON**

Well	NDIC #	Landing	PBHL	TIL Year	Oil EUR (Mbo)*	Gas EUR (MMcf)*	Total EUR (Mboe)*
Hawkinson 1-22H	18275	TF1	1320' FWL	2010	886.78	1189.74	1085.07
Hawkinson 2-27H	20208	TF1	1320' FEL	2011	544.10	700.41	660.84
Hawkinson 3-27H	20211	MB	1980' FEL	2011	414.66	658.22	524.36
Hawkinson 4-22H2	24223	TF2	660' FWL	2013	603.74	1007.74	771.70
Hawkinson 5-22H	24224	MB	660' FWL	2013	690.94	1293.57	906.54
Hawkinson 6-22H3	24225	TF3	1320' FWL	2013	291.95	594.36	391.01
Hawkinson 7-22H2	24282	TF2	1980' FWL	2013	335.02	744.24	459.06
Hawkinson 8-22H	24283	MB	1980' FWL	2013	294.65	779.07	424.50
Hawkinson 9-22H3	24284	TF3	2640' FWL	2013	151.30	237.66	190.91
Hawkinson 10-22H1	24285	TF1	2640' FWL	2013	224.70	597.22	324.24
Hawkinson 11-22H2	24286	TF2	1980' FEL	2013	321.32	749.35	446.21
Hawkinson 12-22H3	24350	TF3	1320' FEL	2013	333.26	436.38	405.99
Hawkinson 13-22H	24455	MB	660' FEL	2013	485.95	722.83	606.42
Hawkinson 14-22H2	24456	TF2	660' FEL	2013	262.21	371.66	324.15
Hawkinson 15-22H	31104	MB	2640' FWL	2015	140.25	652.22	248.95
		Subto	otal EUR of 15 inte	rior wells =	5980.83	10734.67	7769.94
Hawkinson 16-22HSL1	34354	TF1	220' FEL	2019	533.70	1241.69	740.65
Carus 12-28HSL1	35587	TF1	0' FWL	2019	696.89	2002.11	1030.58
Morris 4-23HSL	34353	MB	-220' FEL	2019	431.72	772.68	560.50
		Subtotal E	UR of 3 section lin	e wells** =	1662.31	4016.48	2331.72
Hawkinson tract EUR	Allocation (1	.00% interior we	ells + 50% section l	ine wells) =	6811.99	12742.91	8935.80

<sup>\*</sup> EUR as of 11/1/2023. Mbo = thousands of barrels of oil; MMcf = million standard cubic feet of gas; Mboe = thousands of barrels of oil equivalent using 6 Mcf to 1 boe conversion factor.

<sup>\*\*</sup> red-colored font wells are section line wells.

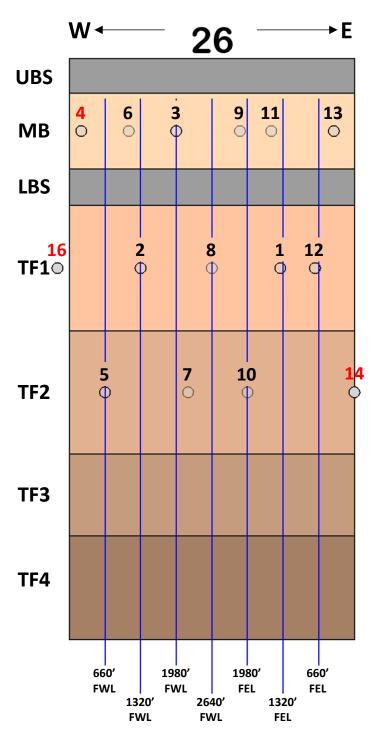


# **WHITMAN**

Well	NDIC #	Landing	PBHL	TIL Year	Oil EUR (Mbo)*	Gas EUR (MMcf)*	Total EUR (Mboe)*
Whitman 11-34H	17061	MB	1320' FWL	2008	585.54	539.73	675.50
Whitman 2-34H	20210	MB	1320' FEL	2011	1849.38	1983.72	2180.00
Whitman 3-34H	20212	TF1	1980' FEL	2011	1166.87	1518.57	1419.97
Whitman FIU 4-34H1	38613	TF1	350' FWL	2022	492.65	924.41	646.72
Whitman FIU 5-34H	38499	MB	704' FWL	2022	645.27	1358.98	871.77
Whitman FIU 6-34H2	38500	TF2	1058' FWL	2022	572.48	1112.31	757.87
Whitman FIU 7-34H1	38494	TF1	1766' FWL	2022	610.61	1242.37	817.67
Whitman FIU 8-34H	38495	MB	2120' FWL	2022	541.21	1189.82	739.51
Whitman FIU 9-34H2	38496	TF2	2474' FWL	2022	426.27	916.80	579.07
Whitman FIU 10-34H	38497	MB	2452' FEL	2022	337.30	643.90	444.62
Whitman FIU 12-34H2	38532	TF2	761' FEL	2022	400.16	661.24	510.37
		Subt	otal EUR of 11 inte	rior wells =	7627.74	12091.85	9643.05
Whitman FIU 13-34HSL1	38533	TF1	220' FEL	2022	242.26	559.50	335.51
Bang FIU 14-4HSL	38610	MB	0' FWL	2022	446.59	869.20	591.46
Carson Peak 4-35HSL	35272	MB	-220' FEL	2019	978.76	1626.75	1249.89
		Subtotal E	UR of 3 section lin	e wells** =	1667.61	3055.45	2176.85
Whitman tract EUR	Allocation (1	00% interior we	ells + 50% section li	ine wells) =	8461.55	13619.58	10731.47

<sup>\*</sup> EUR as of 11/1/2023. Mbo = thousands of barrels of oil; MMcf = million standard cubic feet of gas; Mboe = thousands of barrels of oil equivalent using 6 Mcf to 1 boe conversion factor.

<sup>\*\*</sup> red-colored font wells are section line wells.



# **MORRIS**

Well	NDIC	Landing	PBHL	TIL	Oil EUR	Gas EUR	Total EUR
	#			Year	(Mbo)*	(MMcf)*	(Mboe)*
Morris 1-23H	17334	TF1	1372' FEL	2008	397.66	423.37	468.22
Morris 2-26H	18860	TF1	1320' FWL	2011	332.22	377.59	395.15
Morris 3-26H	18858	MB	1980' FWL	2011	522.53	592.85	621.34
Morris 5-23H2	34352	TF2	660' FWL	2019	368.63	542.56	459.06
Morris 6-23H **	34351	MB	1100' FWL	2019	463.42	1270.73	675.21
Morris 7-26H2 **	35109	TF2	2200' FWL	2019	439.99	1039.13	613.18
Morris 8-26H1 **	35082	TF1	2640' FWL	2019	494.17	893.61	643.11
Morris 9-26H **	35085	MB	2120' FEL	2021	408.95	1075.80	588.25
Morris 10-26H2 **	35086	TF2	1980' FEL	2021	326.19	641.68	433.14
Morris 11-26H **	35087	MB	1540' FEL	2021	424.09	925.97	578.42
Morris 12-26H1	37713	TF1	730' FEL	2021	382.27	828.33	520.33
Morris 13-26H	37714	MB	380' FEL	2021	428.28	1004.59	595.71
		Subt	otal EUR of 12 inte	rior wells =	4988.40	9616.21	6591.10
Subtotal EUR after correcting for Ca	rson Peak lo	ng-lateral perfs	physically on Morr	is tract** =	5935.64	11386.49	7833.39
Subtotal EUR after co	rrecting for C	arson Peak inte	rference to Morris	wells*** =	6600.44	12367.38	8661.67
Morris 4-23HSL	34353	MB	220' FWL	2019	431.72	772.68	560.50
Morris 14-26HSL2	37793	TF2	0' FEL	2021	430.43	997.81	596.73
Hawkinson 16-22HSL1	34354	TF1	-220' FWL	2019	533.70	1241.69	740.65
		Subtotal EUI	R of 3 section line	wells**** =	1395.85	3012.18	1897.88
Morris tract EUR	Allocation (1	.00% interior we	ells + 50% section l	ine wells) =	7298.37	13873.47	9610.61

<sup>\*</sup> EUR as of 11/1/2023. Mbo = thousands of barrels of oil; MMcf = million standard cubic feet of gas; Mboe = thousands of barrels of oil equivalent using 6 Mcf to 1 boe conversion factor.

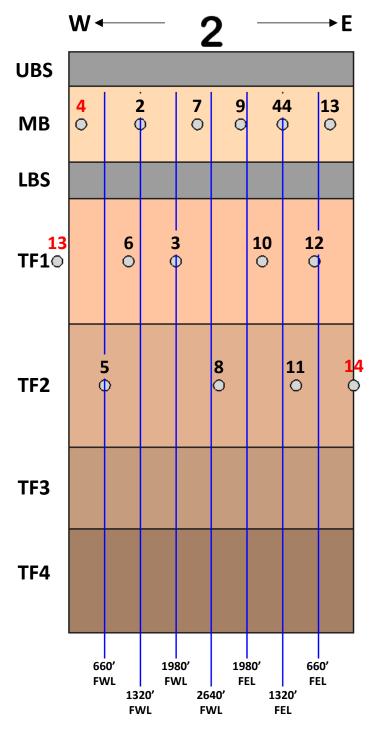
<sup>\*\*</sup> The average Morris short-lateral perf interval (7,076'±341') is half of the average Carson Peak long-lateral perf interval (13,893'±247').

Over 25% of Carson Peak long-lateral perfs are physically on the Morris tract; pro rata EUR allocation increases Morris EUR by ~947 Mbo & ~1770 MMcf. Unquantified: heel-half vs toe-half stim efficacy NOT estimated but it would solely accrete to Morris tract.

<sup>\*\*\*</sup> Morris 1/2/3 parents lost ~323 Mbo & ~288 MMcf due Carson Peak 6/7/8/9/10 interposed-perf interference. Morris 4/5/12/13/14 also lost reserves but TIL concurrent with CP 6-10; as such, pre- vs post-EUR loss unavailable. By proxy, Morris SL EUR averages ~60 bo/ft vs Morris 4/5/12/13/14 ~40 bo/ft. Thus, (60-40 bo/ft)×51,197' perfs = 1023.9 Mbo max loss; apply 1/3 factor for CP interposed perfs.

\*\*\*\* red-colored font wells are section line wells.

\*\*\*\* red-colored font wells are section line wells.



## **CARSON PEAK**

Well	NDIC	Landing	PBHL	TIL	Oil EUR	Gas EUR	Total EUR
	#	ŭ		Year	(Mbo)*	(MMcf)*	(Mboe)*
Carson Peak 44-2H	17079	MB	1320' FEL	2008	387.11	351.40	445.68
Carson Peak 2-35H	18861	MB	1320' FWL	2011	755.22	700.52	871.97
Carson Peak 3-35H	18859	TF1	1980' FWL	2011	950.15	903.07	1100.66
Carson Peak 5-35H2	35273	TF2	660' FWL	2019	776.75	1241.63	983.69
Carson Peak 6-35H1 **	35108	TF1	1100' FWL	2019	785.22	1476.96	1031.38
Carson Peak 7-35H **	35080	MB	2380' FWL	2019	873.91	1671.07	1152.42
Carson Peak 8-35H2 **	35081	TF2	2500' FEL	2019	922.53	1179.05	1119.04
Carson Peak 9-35H **	35083	MB	2100' FEL	2021	583.21	1338.52	806.30
Carson Peak 10-35H1 **	35084	TF1	1700' FEL	2021	578.61	1330.53	800.37
Carson Peak 11-35H2	37715	TF2	1070' FEL	2021	589.07	956.09	748.42
Carson Peak 12-35H1	37716	TF1	730' FEL	2021	455.81	977.60	618.74
Carson Peak 13-35H	37794	MB	440' FEL	2021	494.88	957.37	654.44
		Subt	otal EUR of 12 inte	rior wells =	8152.47	13083.81	10333.11
Subtotal EUR after correcting for C	arson Peak lo	ng-lateral perfs	physically on Morr	is tract** =	7205.23	11313.53	9090.82
Subtotal EUR after o	orrecting for C	arson Peak inte	erference to Morris	wells*** =	6540.43	10332.64	8262.53
Carson Peak 4-35HSL	35272	MB	220' FWL	2019	978.71	1626.71	1249.83
Carson Peak 14-35HSL2	37795	TF2	0' FEL	2021	481.32	967.31	642.54
Whitman FIU 13-34HSL1	38533	TF1	-220' FWL	2022	242.26	559.50	335.51
		Subtotal EUI	R of 3 section line	wells**** =	1702.29	3153.52	2227.88
Carson Peak tract EU	R Allocation (1	100% interior we	ells + 50% section l	ine wells) =	7391.57	11909.40	9376.47

<sup>\*</sup> EUR as of 11/1/2023. Mbo = thousands of barrels of oil; MMcf = million standard cubic feet of gas; Mboe = thousands of barrels of oil equivalent using 6 Mcf to 1 boe conversion factor.

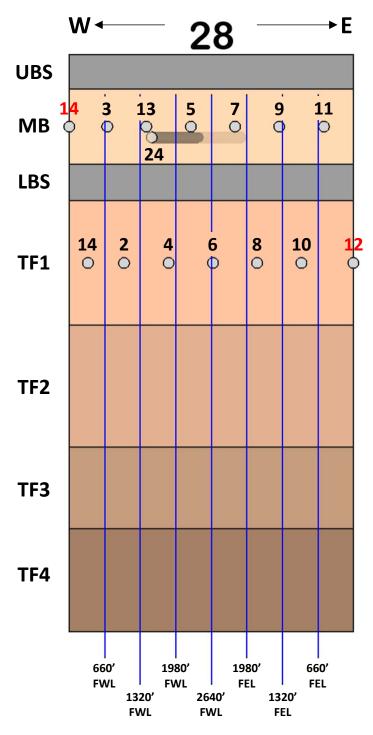
<sup>\*\*</sup> The average Carson Peak long-lateral perf interval (13,893'±247') is double the average Morris short-lateral perf interval (7,076'±341').

Over 25% of Carson Peak long-lateral perfs are physically on the Morris tract; pro rata EUR allocation decreases Carson Peak EUR by ~947

Mbo & ~1770 MMcf. Unquantified: heel-half vs toe-half stim efficacy NOT estimated but it would solely accrete to Morris tract.

<sup>\*\*\*</sup> Morris 1/2/3 parents lost ~323 Mbo & ~288 MMcf due Carson Peak 6/7/8/9/10 interposed-perf interference. Morris 4/5/12/13/14 also lost reserves but TIL concurrent with CP 6-10; as such, pre- vs post-EUR loss unavailable. By proxy, Morris SL EUR averages ~60 bo/ft vs Morris 4/5/12/13/14 ~40 bo/ft. Thus, (60-40 bo/ft)×51,197' perfs = 1023.9 Mbo max loss; apply 1/3 factor for CP interposed perfs.

\*\*\*\* red-colored font wells are section line wells.

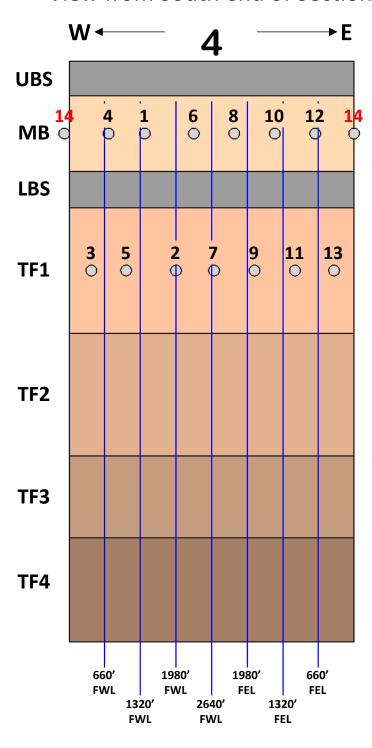


# **CARUS**

Well	NDIC #	Landing	PBHL	TIL Year	Oil EUR (Mbo)*	Gas EUR (MMcf)*	Total EUR (Mboe)*
Carus 2-28H1	21974	TF1	1017' FWL	2013	485.97	602.05	586.31
Carus 3-28H	37606	MB	705' FWL	2021	360.65	972.26	522.69
Carus 4-28H1	35550	TF1	1845' FWL	2019	321.66	609.55	423.25
Carus 5-28H	35549	MB	2260' FWL	2019	380.08	766.47	507.83
Carus 6-28H1	35548	TF1	2610' FEL	2019	508.55	1078.20	688.25
Carus 7-28H	35547	MB	2200' FEL	2019	531.33	1289.95	746.32
Carus 8-28H1	35575	TF1	1790' FEL	2019	421.91	853.83	564.22
Carus 9-28H	35576	MB	1380' FEL	2019	570.53	1616.83	840.00
Carus 10-28H1	35577	TF1	965' FEL	2019	547.27	1498.95	797.10
Carus 11-28H	35578	MB	550' FEL	2019	555.96	1401.54	789.55
Carus 13-28H (fka 24-28H)	16648	MB	1430' FWL	2019	547.54	1036.13	720.23
Carus 24-28H	16648	MB	2100' FEL	2007	301.66	242.82	342.13
Carus 14-28H1	37854	TF1	345' FWL	2021	331.29	652.35	440.02
		Subt	otal EUR of 13 inte	rior wells =	5864.40	12620.93	7967.89
Carus 12-28HSL1	35587	TF1	0' FEL	2019	696.89	2002.08	1030.57
Rodney 14-29HSL	37408	MB	0' FWL	2021	306.16	725.39	427.06
		Subtotal E	UR of 2 section lin	e wells** =	1003.05	2727.47	1457.63
Carus tract EUR	Allocation (1	.00% interior we	ells + 50% section li	ne wells) =	6365.93	13984.67	8696.70

<sup>\*</sup> EUR as of 11/1/2023. Mbo = thousands of barrels of oil; MMcf = million standard cubic feet of gas; Mboe = thousands of barrels of oil equivalent using 6 Mcf to 1 boe conversion factor.

<sup>\*\*</sup> red-colored font wells are section line wells.

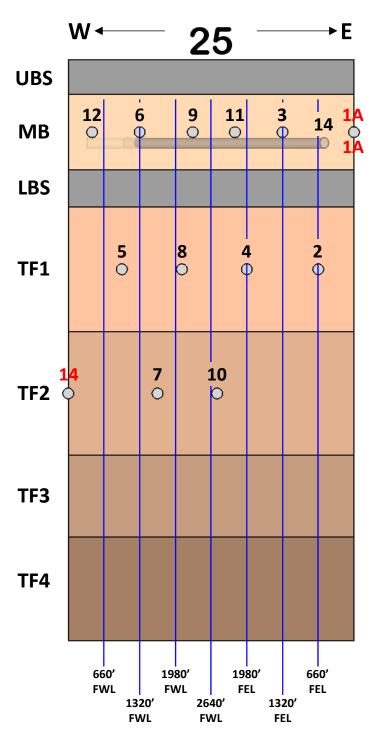


# **BANG**

Well	NDIC #	Landing	PBHL	TIL Year	Oil EUR (Mbo)*	Gas EUR (MMcf)*	Total EUR (Mboe)*
Bang 1-33H	16797	MB	1400' FWL	2008	540.62	845.35	681.51
Bang 2-33T	18636	TF1	1980' FWL	2010	345.17	390.58	410.27
Bang 3-33H1	37941	TF1	410' FWL	2021	306.18	514.78	391.98
Bang 4-4H	38677	MB	730' FWL	2022	329.39	762.93	456.55
Bang 5-4H1	38676	TF1	1055' FWL	2022	307.32	553.44	399.56
Bang 6-4H	38675	MB	2310' FWL	2022	355.15	720.60	475.25
Bang 7-4H1	38674	TF1	2595' FEL	2022	315.66	613.46	417.90
Bang 8-4H	38673	MB	2220' FEL	2022	327.62	627.94	432.28
Bang 9-4H1	38606	TF1	1845' FEL	2022	363.18	577.41	459.42
Bang 10-4H	38607	MB	1470' FEL	2022	358.01	682.53	471.77
Bang 11-4H1	38608	TF1	1095' FEL	2022	378.57	727.95	499.90
Bang 12-4H	38609	MB	720' FEL	2022	342.35	652.92	451.17
Bang 13-4H1	38614	TF1	370' FEL	2022	345.70	669.85	457.34
	Subtotal EUR of 13 interior wells =					8339.74	6004.88
Bang FIU 14-4HSL	38610	MB	0' FEL	2022	446.60	869.20	591.47
Gale 14-32HSL	37407	MB	-92' FWL	2021	404.01	798.36	537.07
Subtotal EUR of 2 section line wells** =					850.61	1667.56	1128.54
Bang tract EUR Allocation (100% interior wells + 50% section line wells) =					5040.23	9173.52	6569.15

<sup>\*</sup> EUR as of 11/1/2023. Mbo = thousands of barrels of oil; MMcf = million standard cubic feet of gas; Mboe = thousands of barrels of oil equivalent using 6 Mcf to 1 boe conversion factor.

<sup>\*\*</sup> red-colored font wells are section line wells.



# **BRANDVIK**

Well	NDIC #	Landing	PBHL	TIL Year	Oil EUR (Mbo)*	Gas EUR (MMcf)*	Total EUR (Mboe)*
Brandvik 14-24H (Dual)	16460	MB	550' FEL	2007	257.88	238.50	297.63
Brandvik 2-25H	19156	TF1	660' FEL	2010	606.62	711.39	725.19
Brandvik 3-25H	23784	MB	1320' FEL	2013	520.21	588.89	618.36
Brandvik 4-25H1	23783	TF1	1980' FEL	2013	390.74	421.38	460.97
Brandvik 5-25H1	30365	TF1	990' FWL	2018	590.20	941.05	747.04
Brandvik 6-25H	30366	MB	1320' FWL	2018	548.63	979.04	711.80
Brandvik 7-25H2	30367	TF2	1650' FWL	2018	371.31	691.36	486.54
Brandvik 8-25H1	32814	TF1	2100' FWL	2018	498.10	1256.67	707.55
Brandvik 9-25H	32815	MB	2300' FWL	2018	459.20	1074.79	638.33
Brandvik 10-25H2	32816	TF2	2530' FEL	2018	540.76	1620.50	810.84
Brandvik 11-25H	32817	MB	2200' FEL	2018	491.05	936.83	647.19
Brandvik 12-25H	37780	MB	440' FWL	2021	480.32	1266.41	691.39
	Subtotal EUR of 12 interior wells =						7542.82
Morris 14-26HSL2	37793	TF2	0' FWL	2021	430.43	997.81	596.73
Meriwether 1A MBH-ULW	35295	MB	0' FEL S13	2019	484.28	802.69	618.06
Prairie Rose 1A MBH-ULW	35294	MB	0' FEL S36	2019	565.48	948.47	723.56
Subtotal EUR of 3 section line wells** =						2748.97	1938.35
Brandvik tract EUR Allocation (100% int	erior wells +	50% Morris + 25	5% of each MBH-U	LW wells) =	6232.68	11663.51	8176.59

<sup>\*</sup> EUR as of 11/1/2023. Mbo = thousands of barrels of oil; MMcf = million standard cubic feet of gas; Mboe = thousands of barrels of oil equivalent using 6 Mcf to 1 boe conversion factor.

<sup>\*\*</sup> red-colored font wells are section line wells. Both 1A well heels are shifted 1 mile north relative to Brandvik tract southern border.

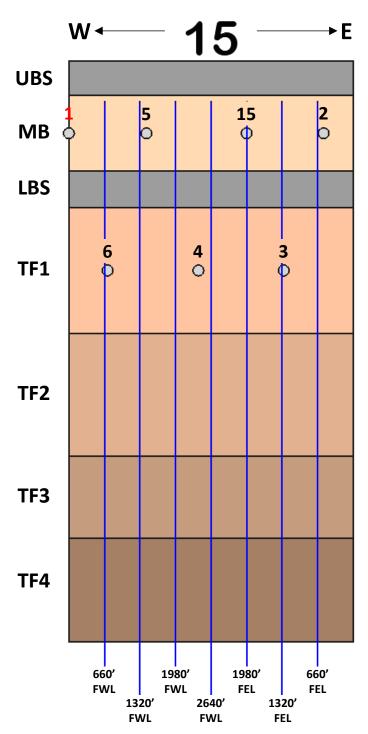
## W← **UBS** 12 0 44 9 11 **MB** 0 **LBS** TF1 0 7 10 TF2 0 TF3 TF4 1980' 1980' 660' 660' **FWL FWL** FEL FEL 1320' 2640' 1320' **FWL FWL** FEL

# **STATE WEYDAHL**

Well	NDIC #	Landing	PBHL	TIL Year	Oil EUR (Mbo)*	Gas EUR (MMcf)*	Total EUR (Mboe)*
State Weydahl 44-36H (Dual)	16510	MB	550' FWL `	2007	365.38	332.71	420.83
State Weydahl 2-36H	23786	MB	1320' FEL	2013	562.96	585.26	660.50
State Weydahl 3-36H1	23785	TF1	1980' FEL	2013	454.52	559.92	547.84
State Weydahl 4-36H1	29555	TF1	660' FEL	2015	825.56	919.49	978.81
State Weydahl 5-36H1	30362	TF1	990' FWL	2018	635.44	851.81	777.41
State Weydahl 6-36H	30363	MB	1320' FWL	2018	300.75	395.03	366.59
State Weydahl 7-36H2	30364	TF2	1650' FWL	2018	393.71	563.51	487.63
State Weydahl 8-36H1	32812	TF1	1980' FWL	2018	599.58	977.44	762.49
State Weydahl 9-36H	32813	MB	2200' FWL	2018	630.64	1290.16	845.67
State Weydahl 10-36H2	32818	TF2	2400' FEL	2018	458.99	1013.21	627.86
State Weydahl 11-36H	32819	MB	2200' FEL	2018	585.74	1420.29	822.46
State Weydahl 12-36H	37779	MB	440' FWL	2021	578.36	1111.58	763.62
Subtotal EUR of 12 interior wells =					6391.63	10020.41	8061.70
Prairie Rose 1A MBH-ULW	35294	MB	0' FEL S36	2019	565.48	948.47	723.56
Dvirnak 10-7HSL1	35295	TF1	0' FEL S1	2021	417.19	526.45	504.93
Carson Peak 14-35HSL2	37795	TF2	0' FWL	2021	481.32	967.31	642.54
Subtotal EUR of 3 section line wells** =						2442.23	1871.03
State Weydahl tract EUR Allocation (100% interior wells + 50% CP + 25% P Rose/Dvirnak wells) =						10872.80	8690.09

<sup>\*</sup> EUR as of 11/1/2023. Mbo = thousands of barrels of oil; MMcf = million standard cubic feet of gas; Mboe = thousands of barrels of oil equivalent using 6 Mcf to 1 boe conversion factor.

<sup>\*\*</sup> red-colored font wells are section line wells. The Dvirnak is shifted 1 mile south relative to State Weydahl tract southern border.



# **SUMMERFIELD**

Well	NDIC #	Landing	PBHL	TIL Year	Oil EUR (Mbo)*	Gas EUR (MMcf)*	Total EUR (Mboe)*
Summerfield 15-15H	18725	MB	1980' FEL	2010	426.23	705.05	543.74
Summerfield 15H-2	24515	MB	550' FEL	2014	552.83	715.14	672.02
Summerfield 15H-3	24516	TF1	1290' FEL	2014	374.68	501.10	458.20
Summerfield 15H-4	24517	TF1	2404' FWL	2014	439.18	622.63	542.95
Summerfield 15H-5	27547	MB	1440' FWL	2014	360.54	474.71	439.66
Summerfield 15H-6	27546	TF1	720' FWL	2014	362.79	461.55	439.72
Subtotal EUR of 6 interior wells =					2516.25	3480.18	3096.28
Summerfield 15H-1	28295	MB	0' FWL	2014	288.63	430.17	367.49
Subtotal EUR of 1 section line wells** =						430.17	360.33
Summerfield tract EUR Allocation (100% interior wells + 50% section line wells) =					2660.57	3695.27	3276.44

<sup>\*</sup> EUR as of 11/1/2023. Mbo = thousands of barrels of oil; MMcf = million standard cubic feet of gas; Mboe = thousands of barrels of oil equivalent using 6 Mcf to 1 boe conversion factor.

<sup>\*\*</sup> red-colored font wells are section line wells.

#### **OVERVIEW**

A conscientious operational and analytical **executive** in companies and corporate divisions over \$200 million in annual sales. Deep transactional experience from origination through closing and subsequent integration of acquisitions up to \$1.4 billion. Operational experience includes, but is not limited to, the upstream and midstream oil and gas industries. P&L management, strategic planning, qualitative and quantitative risk analysis in both **domestic operating and international service organizations.** Respected for **delivering billions in profits** with ethics and integrity. Quickly distills complex problems into easy-to-understand, common sense solutions.

#### **EXECUTIVE, MANAGERIAL & PROFESSIONAL COMPETENCIES**

- C-Suite/Board/Governmental Relationships
- Energy Transition/CCUS
- Upstream & Midstream Industries
- Risk Assessment & Strategic Planning
- Contract Negotiation & Auditing
- Engineering & Geosciences
- Personnel Development
- FEED/EPC/Project Management
- Land, Legal & Title
- Public Speaking
- Budgeting
- Litigation & Mediation

#### PROFESSIONAL EXPERIENCE

## Foundation Energy, LLC | Houston, TX Managing Member

**2019 - present** 

**Summary**: Foundation Energy, LLC is a private consulting firm that specializes in bespoke solutions including business planning, asset optimization, and economic evaluations/financial modeling in energy, energy transition, and other sectors.

#### KEY ACCOMPLISHMENTS

- Currently leading and strategically planning a 10+ mmtpa (million metric tons per annum) Carbon Capture & Sequestration (CCS) first-of-a-kind project that will transition to sCO<sub>2</sub> Geothermal Power production post fill-up.
- After performing an engineering & reserve study, discovered a Bakken operator's completion practices on its 10,000 ft laterals were sub-optimal. Revised completion techniques will increase EUR between 28% (140,000 stbo lowside) to 100% (500,000 stbo highside) while simultaneously saving ~10% in CapEx (\$800,000) per well. Given 24 remaining locations to drill, that equates to 6,000,000 barrels of additional oil most likely (or \$240 million in incremental profit assuming a \$40/bbl oil margin) and capital savings of more than \$19 million.
- Prepared a Monopile Fabrication Business Plan for an international client. CapEx \$87 million; Most Likely PV10% \$242 million. Executive leadership currently evaluating proposal. This business opportunity captures market share not only for monopiles needed for offshore wind but also for offshore CO<sub>2</sub> sequestration projects.
- On behalf of clients and their counsel, I provided subject matter expert input and shadow-edited an amicus curie accepted by the North Dakota Supreme Court (Case # 20220088 | Dominek v. Equinor) regarding section-line allocation.

## Rock Ridge Exploration & Production LLC | Houston, TX President / Chief Operating Officer

2016 - 2019

**Summary**: Rock Ridge Exploration & Production LLC (RREP) was formed in 2016 as a pull-through financing venture of Shamrock Energy Services. Shamrock was a pure service company with over 1,000 employees and generated over \$100 million in sales annually prior to its strategic corporate divestiture in 2019.

#### **KEY ACCOMPLISHMENTS**

o RREP's \$4 million investment was used for leasing 18,000+ net mineral acres in the Val Verde Basin, Front End Engineering & Design (FEED) for a Thermal Enhanced Oil Recovery (TEOR) project, leasing/reprocessing existing 2D seismic, acquiring/processing new 3D seismic, drilling/coring/testing two exploration wells, & G&A.

- Sole negotiator for the Val Verde Basin oil & gas lease. Key deal terms: (i) \$50 per Net Mineral Acre paid up lease, (ii) 5-year Primary + 5-year Option to Extend + 10-year Preferential Right, and (iii) 20% royalty on cold (e.g., non-TEOR) oil production reducing to 12.5% royalty on TEOR oil production.
- o Both exploration wells discovered 22° API gravity oil with excellent porosity (>25%), outstanding permeability (>500mD), superb oil saturation (>75%), but sub-commercial pay thickness; as such, the Val Verde Basin TEOR opportunity was not sanctioned and subsequently plugged & abandoned.

## Fairways Exploration & Production, LLC / Fairways Offshore Exploration, Inc. | Houston, TX Chief Operating Officer 2009 - 2015

**Summary**: Fairways Exploration & Production, LLC (FEP) was formed in 2009 as a rank wildcat exploration venture; as such, FEP's initial production, reserves and resource inventory were zero. Production peaked at  $\pm 3,000$  net boepd and by 2015, FEP's reserve & resource inventory totaled >100 million barrels of oil equivalent (MMboe).

#### KEY ACCOMPLISHMENTS

- Acquired (on-time, under budget, zero Lost Time Accidents, and superb data) >700 square miles of long-offset 3D seismic across 4 projects in 5 states. The entire 3D budget (inclusive of all acquisition, permitting, and processing costs) was \$70 million. Peak contractor headcount exceeded 100 Full-Time Equivalents (FTE).
- O Grew FEP's conventional reserve & resource potential from 0 to 65+ MMboe along the Gulf Coast and its unconventional resource potential from 0 to 35+ MMboe in Nebraska's DJ Basin and Montana's Thrust Belt.
- Built a culture fervently dedicated to HSE (Health, Safety & Environment). Example: between 2009 and 2015, FOE successfully decommissioned >\$80 million of GOM liabilities (e.g., scores of wells, dozens of platforms, and several pipelines) with zero Recordables, zero Lost Time Accidents, and zero oil spills.

#### BreitBurn Management Company, LLC | Houston, TX and Gaylord, MI VP Geosciences & Eastern Division (2007-2009) / Reserves & Exploitation Manager (2006-2007)

**Summary**: BreitBurn Management Company was the operating & administrative affiliate for BreitBurn Energy Partners (BBEP). BBEP, which IPO'd in October 2006, focused on the acquisition, exploitation, and development of oil and gas properties in the United States for the purpose of generating cash flow to make distributions to its unitholders.

#### KEY ACCOMPLISHMENTS

- o As VP of Eastern Division, was responsible and accountable for P&L performance of all MI, IN, and KY assets. The Eastern Division generated ±\$200 million in annual sales, incurred ±\$40 million in annual operating expenses, and delivered ±\$160 million in operating cash flow to BBEP. As VP of Eastern Division, I was responsible for and managed 100+ FTEs (e.g., operators, mechanics, engineers, accountants, landmen, and technicians) and stewarded ~12,000 net boepd which was, at the time, >60% of BBEP's net production.
- o Budgeted and implemented an \$80+ million capital program for Eastern Division during 2008. My division successfully drilled 140 wells in 2008 which was ~10x the prior operator's annual average. Said differently, my team drilled as many wells in the first year under BBEP as the prior operator did in the preceding decade.
- Managed >400 MMboe reserve & resource database which included over 3,000 producing wells and 2,000 drilling locations. Primarily responsible for internal planning and budgeting assessments, leading borrowing base determinations, stewarding 3rd party engineering studies, and submitting reports to both the United States Securities and Exchange Commission (SEC) and the Canadian Securities Administration (CSA).
- Responsible for identifying reserve & resource potential that allowed BBEP to increase its bid from \$1.0 to \$1.4 billion, and ultimately win, the MI/IN/KY assets in a highly competitive bidding process.

#### Netherland, Sewell & Associates Inc. | Houston, TX Licensed Professional Petroleum Engineer

2004 - 2006

**Summary**: Netherland, Sewell & Associates Inc. (NSAI) is a niche consulting firm that specializes in worldwide petroleum evaluations. Given its reputation, expertise, and service, NSAI is chosen by more publicly traded companies for SEC reserves reporting than any other petroleum consulting firm. As a licensed professional petroleum engineer, I reviewed, analyzed, and forecasted oil and gas production and subsequent discounted cash-flow economics for various stakeholders including production companies, commercial banks, private equity firms, individual investors, and governmental agencies.

#### KEY ACCOMPLISHMENTS

- Conducted due diligence on >\$2 billion worth of oil & gas properties related to acquisitions, divestitures, mergers, and volumetric production payments covering primary, secondary (e.g., pressure maintenance & waterflood) and tertiary (e.g., CO<sub>2</sub> EOR, N<sub>2</sub> EOR, ASP EOR, and Thermal EOR) recovery techniques.
- Led the study that resulted in a client's 3P value increasing by 300% (i.e., from \$25 million to \$100 million).
- Authored and prepared reserve, resource, and subject matter expert reports compliant with not only United States SEC Regulation S-X but also Canadian Security Administration NI 51-101 and London Stock Exchange AIM regulations.

ExxonMobil Production Company | New Orleans, LA; Houston, TX; and Lagos, Nigeria 1995 - 2004 Senior Project Manager (2003-2004) / Reservoir Engineer (1998-2003) / Facility Engineer (1995-1998)

**Summary**: ExxonMobil is one of the world's largest publicly traded international oil and gas companies with operations in more than 200 countries spanning 6 continents.

#### KEY ACCOMPLISHMENTS

- Co-Project Manager for ExxonMobil's Gas Flare Elimination Project (\$300 million) and Drainage & Containment Project (\$30 million) at the Qua Iboe Terminal located near Eket, Nigeria.
- o Managed and optimized 5 offshore fields (MC268, MC281, GC18, GC60, and Hondo). Combined these 5 fields produced ~40,000 barrels of oil per day (bopd) and ~90 million standard cubic feet per day (MMscfpd).
- Managed and optimized 4 onshore natural gas processing plants (Baton Rouge, Bluewater, Grand Isle, & Garden City). Combined these plants produced ~30,000 barrels per day of natural gas liquids (NGLs). The combined nameplate processing capacity of the 4 gas plants totaled 2.4 Billion standard cubic feet per day.
- O Identified, justified, and championed the novel installation of Vacuum Insulated Tubing (VIT) which allowed the Santa Ynez Unit (SYU) fields (i.e., Hondo, Pescado, and Sacate) to produce >150 MMbo of previously unrecoverable heavy oil (i.e., sub-12° API gravity). Prior to the first VIT installation in 1999, SYU's EUR was ~400 MMbo; as of 2019, SYU's EUR is ~700 MMbo. This novel use of VIT was exported by ExxonMobil from its heavy oil fields at SYU, located offshore California, to its heavy oil fields located onshore Chad, Africa.
- Led a multidisciplinary team focused on wellbore/completion failures at GC18. Four prior teams were unsuccessful; however, we identified the root causes and subsequently increased mean-runtime-to-failure from 9 months to 15+ years. Capital saved/avoided in unnecessary replacement drill wells is over \$100 million to date.
- Conceived and executed two innovative, low-cost (<\$100,000) debottlenecking projects that increased NGL production from 16,000 bpd to 20,000 bpd (or 4,000 bpd over the NGL pipeline's nameplate capacity) which resulted in Bluewater Gas Plant's net income increasing by >\$6 million per year (i.e., from \$12 to >\$18 million).

#### **EDUCATION / LICENSURE:**

o **Master of Business Administration** (3.90 GPA, Nov 2022) Major Field Test for MBA (Scored 276/300, 97<sup>th</sup> Percentile)

Louisiana Tech University

o **B.Sc., Chemical Engineering** (3.88 GPA, May 1995)

Louisiana Tech University

Licensed/Registered Professional Engineer

**State of Texas** | *PE License* # 135493 | *Firm* # 23370

#### **ORGANIZATIONS / HONORS:**

o Guest Lecturer / Energy Expert (Spring 2021, Fall 2023, Fall 2024 scheduled)

Florida State University

- o Society of Petroleum Engineers (member since 2002)
- Texas Top Producer Award Finalist Best CEO / Medium Company. (January 2015). Lone Star Leaders in the Oil and Gas Industry. Texas Monthly, 43(1), 126-128.
- o **20 Under 40**. Evans, C. & Klann, S. (2013, June). Meet The Future: twenty under 40 in E&P Companies. Oil and Gas Investor, 33(6), 72-79.

# ESTIMATES of RESERVES AND FUTURE NET REVENUE to the ANDRESS SANDEFER ET AL GROUP INTEREST in CERTAIN OIL & GAS PROPERTIES located entirely in the OAKDALE FIELD and portions of the CEDAR COULEE, CORRAL CREEK, and BEAR CREEK FIELDS in DUNN COUNTY, NORTH DAKOTA as of

Volume 1 of 2

**JANUARY 1, 2024** 

Prepared in accordance with the 2018 PETROLEUM RESOURCES MANAGEMENT SYSTEM (PRMS) approved by SPE

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#### Dear Andress Sandefer et al Group:

In accordance with your request, Proved and Probable and Possible reserves and future net revenues have been estimated, as of January 1, 2024, to the Andress Sandefer et al Group (hereinafter "Group") interests in certain oil and gas properties located entirely in the Oakdale Field and portions of the Cedar Coulee, Corral Creek, and Bear Creek Fields in Dunn County, North Dakota.

This report has been prepared in accordance with the 2018 Petroleum Resources Management **System** approved by the Oil and Gas Reserves Committee of the Society of Petroleum Engineers (SPE) and reviewed and jointly sponsored by the SPE, World Petroleum Council, American Association of Petroleum Geologists, Society of Petroleum Evaluation Engineers, Society of Exploration Geophysicists, Society of Petrophysicists and Well Log Analysts, and European Association of Geoscientists & Engineers. Definitions of all reserve classes and categories are presented immediately following the Report. The Report, which immediately follows this Transmittal Letter, has been prepared using constant price and cost parameters as discussed in subsequent paragraphs of this Transmittal Letter. Except for the exclusion of future income taxes, this report conforms to definitions and guidelines of the U.S. Securities and Exchange Commission and FASB Accounting Standards Codification Topic 932, Extractive Activities - Oil and Gas, respectively. This report has been prepared for the Group's internal planning purposes utilizing current (versus anticipated) Working Interests and Revenue Interests; therefore, in my opinion, the assumptions, data, methods, and procedures used in the preparation of this report are appropriate for such purposes. **Table 1** sets forth the estimate of reserves and future net revenues to the Group's interest in these properties as of January 1, 2024:

Table 1. Andress Sandefer et al Group Reserves & Future Net Revenue \*

Two to 1. 111001 obs Sw	Net Re	•	<b>Future Net Revenue (M\$)</b>			
Reserve Class &	Oil	Gas		<b>Present Worth</b>		
Category	(MBBL)	(MMCF)	Total	at 10%		
Proved	193.8	350.3	9,369.6	7,592.0		
Developed Producing	193.6		9,309.0	7,392.0		
Proved	19.2	32.3	966.1	598.5		
Undeveloped	19.2		900.1	J90.J		
Total Proved	213.0	382.6	10,335.8	8,190.5		
(1P)	213.0	362.0	10,333.6	0,190.5		
Probable	73.4	191.4	4,042.0	2,652.8		
Developed Producing	/ J.T	171.7	<del></del>	2,032.6		
Total Proved + Probable	286.4	574.0	14,377.8	10,843.3		
(2P)	200.4	3/4.0	17,377.0	10,073.3		
Possible	288.1	474.1	15,323.4	9,786.0		
Undeveloped	200.1	<del></del>		<del></del>		
Total Proved + Probable +	574.5	1,048.1	29,701.2	20,629.3		
Possible (3P)	317.3	1,040.1	27,701.2	20,027.3		

<sup>\*</sup> Totals may not add due to rounding.

The oil reserves shown in **Table 1** include crude oil and condensate. Oil volumes are expressed in thousands of barrels (MBBL); a barrel is equivalent to 42 United States gallons. Gas volumes are expressed in millions of cubic feet (MMCF) at standard temperature and pressure bases. Oil equivalent volumes shown in this report are expressed in thousands of barrels of oil equivalent (MBOE), determined using the ratio of 6 MCF (thousands of cubic feet) of gas to 1 barrel of oil. Monetary values shown in this report are expressed in either United States dollars (\$) or thousands of United States dollars (M\$).

All wells included in this reserve report produce from or target the Bakken Total Petroleum System (TPS) which is comprised of four primary benches: **Middle Bakken** (MB), **Three Forks 1** (TF1),

Three Forks 2 (TF2), and Three Forks 3 (TF3). In addition to the incremental producing wedge associated with uncertainty in production performance analysis, a study was conducted to determine if undeveloped reserves exist for these properties. Areas in which proved, probable, and/or possible undeveloped reserves exist are also included. Reserves categorization conveys the relative degree of certainty; reserves subcategorization is based upon development and production status. Although typecurves were created as a proxy for undeveloped reserves, the estimates of reserves and future net revenues included herein have not been adjusted for risk. Moreover, between 1994-2021, ten Improved Oil Recovery (IOR) and/or Enhanced Oil Recovery (EOR) Bakken tests were conducted within the Williston Basin¹, but to date, none have transitioned into full-scale commercial operations; as such, neither reserves nor revenues associated with IOR or EOR projects were quantified for these properties.

Per the **Table of Contents**, the *Summary Projections of Reserves and Revenue* section of the Report includes eight tables segregated by Reserve Class and Category. The *General Information* section of the report includes (i) a property index map, (ii) background of the Bakken, (iii) discussion of the Oakdale Field Study, (iv) engineering study methodology, (v) summary and conclusions, and (vi) crossplots. *Appendices* follow the *General Information* section and include graphs showing gross (8/8ths) historical and forecasted production on a log rate-vs-time basis, rate-vs-cumulative oil basis, and log rate-vs-cumulative oil basis (**Appendix A**); one-line summaries (1Liners) by well by reserve class and category using *current* Working and Revenue Interests (**Appendix B**); allocated EUR by-tract with a cross-section showing which bench each lateral is landed (**Appendix C**); the Group's reserves and future net revenue for *current*, *anticipated*, and the *delta* (= anticipated – current) thereof (**Appendix D**); and graphs showing gross (8/8ths) historical and projected production plus associated economics by-well using *current* Working and Revenue Interests (**Appendix E**).

Future gross revenue to the Group's interest is reported after deducting royalty burdens but prior to deducting state production taxes and ad valorem taxes (collectively, prod taxes). Future net revenue is reported after deducting prod taxes, capital investments, abandonment costs, and operating expenses but before consideration of federal income taxes. Future net revenues are shown as "Undiscounted" and "Discounted at 10%." Furthermore, summaries and detailed economics by-well include a Present Worth (PW) Profile which demonstrates the effect of time on the value of future net revenues at various discount rates. The PW Profile should not be construed as the Fair Market Value (FMV). FMV is often defined as the price at which buyers and sellers with reasonable knowledge of pertinent facts, acting under no compulsion, are willing to transact.

For the purpose of this report, a field inspection of the properties has not been performed nor has the mechanical operation or condition of the wells and their related facilities been examined. No investigation of possible environmental liability related to the properties was conducted; as such, estimates included herein exclude any costs which may be incurred due to such possible liability.

Per SEC guidelines, the oil and gas prices used in this report are based upon a 12-month average price, calculated as the unweighted arithmetic average of the first-day-of-the-month price for each month within calendar year 2023 ("SEC 1st Day 12-month Average"). Oil is based upon the Plains

<sup>&</sup>lt;sup>1</sup> East Nesson Bakken Enhanced Oil Recovery Pilot: Coinjection of Produced Gas and a Water-Surfactant Mixture. Pospisil et al. URTeC 3722974. 2022. pp 1-4.

West Texas Intermediate (WTI) benchmark adjusted for quality, transportation fees, and regional price differentials. Natural gas is based upon the Gas Daily Henry Hub benchmark adjusted for energy content, transportation fees, and market differentials. The SEC 1<sup>st</sup> Day 12-month Average price for oil and gas is \$74.70/BBL and \$2.637/MMBTU, respectively.

Prices and differentials are held constant for this report. Relative to their respective benchmarks, the calculated overall oil differential is +\$3.97/BBL whereas the calculated overall gas differential is (\$0.58/MMBTU). The overall gas differential is comprised of three separate revenue adjustments: Compression/Gathering, Processing/Treating/Other, and NGL/Location. Gas revenue adjustments for Compression/Gathering and Processing/Treating/Other average (\$0.92/MMBTU) and (\$0.78/MMBTU), respectively. Moreover, the monthly consistency of revenue adjustments for Compression/Gathering and Processing/Treating/Other is extremely high as both show month-to-month standard deviations of  $\pm 3\%$ . What is not consistent is the NGL/Location revenue adjustment. In the first half of 2023, the NGL/Location revenue adjustment averaged \$1.12/MMBTU but varied from a low of \$0.11/MMBTU to a high of \$2.45/MMBTU. Thus, (\$0.92/MMBTU) + (\$0.78/MMBTU) + \$1.12/MMBTU = (\$0.58/MMBTU).

Oil sales match oil production; as such, oil shrinkage is zero. Gas, on the other hand, normally has some percentage Consumed In Field Operations (CIFO) like fuel and flare; as such, gas sales seldom match gas production. Shrinkage can be expressed by the following formula:

Shrinkage (%) = 
$$\left(1 - \frac{\text{Sales}}{\text{Production}}\right) \times 100$$
 Eqn. 1

From Equation 1, when sales and production match, shrinkage equals 0%. At the other extreme, when sales are zero, shrinkage equals 100%. Given shrinkage can vary by well, by central-tank-battery (CTB), and over time, there can be uncertainty around what value is best. Since January 2022, Oakdale's volume-weighted gas shrinkage has averaged about 3.5%; however, Oakdale's cumulative gas shrinkage since discovery is about 6%. **Figure 1** shows Oakdale Field monthly versus cumulative gas shrinkage. For this report, a gas shrinkage value of 6% was employed. Gross (8/8ths) natural gas volumes are pre-shrinkage; net natural gas volumes are post-shrinkage.

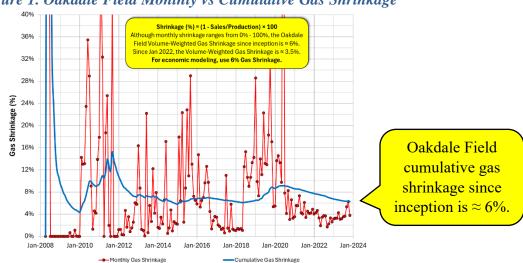


Figure 1. Oakdale Field Monthly vs Cumulative Gas Shrinkage

Lease Operating Expenses (LOE) and Workover Expenses (WOE) are based upon historical expense records. These costs include the per-well overhead expenses allowed under joint operating agreements along with estimates of costs to be incurred at and below the district and field levels. However, the Group's headquarters general and administrative overhead expenses are excluded. Operating costs have been divided into per-well costs (Fixed LOE and WOE) and per-unit-ofproduction costs (Variable LOE). Given every Group member is a non-operator working interest owner in these properties, the operator of record simply submits a Joint Interest Billing with a total cost or Prior Period Adjustment (PPA). As such, regression analysis of 2020 and 2021 actuals was performed to ascertain not only average LOE and WOE but also Fixed/Variable splits. Based upon multi-variable regression analysis, the Fixed/Variable LOE split is 32% Fixed and 68% Variable, which is in line with the expected range for onshore properties. Gross (8/8ths) Fixed LOE is estimated at \$3,000 per well per month and Variable LOE is composed of \$1.00 per barrel oil, \$0.065 per MCF, and \$3.40 per barrel water. Regression analysis determined water production, or the lack thereof, was the single most important variable in LOE. WOE is primarily related to artificial lift installation and repairs; as such, WOE on any given well is an infrequent occurrence. Thus, WOE is amortized among all wells to correctly model total field-level WOE expenditures while simultaneously preventing the premature triggering of the Economic Limit (ECL) on any specific well. Gross (8/8ths) WOE is estimated at \$5,300 per well per month.

Oakdale Field is comprised of four areas (Morris, Carson Peak, Hawkinson, and Whitman) which cover eight sections ( $\pm$  5,120 acres). There are 54 wells (50 interior wells + 4 interior section line wells) coded to Oakdale Field. The Morris and Carson Peak areas each have one well (i.e., 2 wells total) located along their respective eastern section lines coded to the adjacent, contiguous Corral Creek Field. The Hawkinson and Whitman areas each have one well (i.e., 2 wells total) located along their respective western section lines coded to the adjacent, contiguous Cedar Coulee Field. The operator of record for all 58 wells (i.e., 54 + 2 + 2) is Continental.

The Carus area is coded to the Cedar Coulee Field and contains 15 wells under two sections ( $\pm$  1,280 acres). One of Carus' 15 wells was plugged & abandoned, sidetracked, and renamed while retaining its original NDIC number; as such, there are only 14 unique NDIC numbers for the Carus area. Two of Carus' 15 wells are physically located along section lines. The operator of record for all 15 Carus wells is Continental. The **Summerfield** area is coded to the **Bear Creek Field** and contains 7 wells under one section ( $\pm$  640 acres). The operator of record for all 7 Summerfield wells is Enerplus. Given more than 90% (i.e., 70 out of 77) of the wells in this report are operated by Continental, LOE and WOE averages from Continental were applied to Enerplus.

Capital costs are based upon authorizations for expenditure and actual costs from the most recent (i.e., 2020 and 2021) drilling activity that included Group members. Capital costs are included as required for new development wells, production equipment, and projects related to gathering facilities. Estimates of future revenue exclude salvage value for lease and well equipment as the QRE's experience indicates most oilfield equipment with 20+ years of runtime in salty environments typically have little salvage value. Plugging, abandonment, and site restoration costs were estimated by the QRE and subsequently verified via industry consultation. All abandonment costs are included as capital investments and timed to occur one year after reaching the Economic Limit (ECL) on a well-by-well basis. Operating, capital, and abandonment costs are not escalated for inflation.

The reserves shown in this report are estimates only and should not be construed as exact quantities. Proved reserves are those quantities of oil and gas which, by analysis of engineering and geoscience data, can be estimated with reasonable certainty to be economically producible; probable and possible reserves are those additional reserves which are sequentially less certain to be recovered than proved reserves. Estimates of reserves may increase or decrease because of market conditions, future operations, changes in regulations, and/or actual reservoir performance. In addition to the primary economic assumptions discussed herein, estimates of the Group's reserves are based upon certain assumptions including, but not limited to, that the properties will be developed consistent with current development plans as modeled herein, that no governmental regulations or controls will be put in place that would impact the ability of the interest owner to recover the reserves, and that projections of future production will prove consistent with historical performance. If the reserves are recovered, the revenues therefrom and costs related thereto could be more or less than the estimated amounts. Because of governmental policies and uncertainties of supply and demand, the sales volumes, prices received, and costs incurred in recovering such volumes may vary from assumptions made while preparing these estimates.

In evaluating the information concerning this report, all matters as to which are legal or accounting, rather than engineering and geological, have been excluded. Standard engineering and geoscience methods, or a combination of methods – including production performance analysis, volumetric analysis, analogy, and/or material balance – that was considered appropriate and necessary to establish the conclusions set forth herein were utilized. As in all aspects of oil and gas evaluation, there are uncertainties inherent in the interpretation of engineering and geological data; therefore, conclusions in this report necessarily represent only informed professional judgment.

Title to the properties have not been examined although Joint Interest Billings (JIBs) and Revenue Statements by-well were independently vetted by the QRE. Supporting data documenting this evaluation, along with data provided by Group members, are either in hardcopy or electronic format in my office. The technical person responsible for conducting this evaluation meets the requirements regarding qualifications, independence, objectivity, and confidentiality set forth in the SPE Standards. Dwayne T. Stewart, a Licensed Professional Engineer in the State of Texas, first began practicing consulting petroleum engineering in 2004 and has nearly 30 years of total upstream oil and gas experience. As an independent petroleum engineer, I neither own an interest in these properties nor was employed on a contingent basis.

Very truly yours,

Foundation Energy, LLC

**Texas Firm # 23370** 

By: Dwayne T. Stewart

Texas Professional Engineer # 135493

Date Signed: February 3, 2024

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## **RESERVE DEFINITIONS\***

\*Appendix E and Reserve Definitions are in Volume 2; all other sections are in Volume 1.

# SUMMARY PROJECTIONS OF RESERVES AND REVENUE

PERIOD	G	ROSS RESERVES		NET RESERVES			AVERAGE PRICES			GROSS REVENUE			
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	3,101.8	0.0	11,458.1	59.7	0.0	219.1	78.670	0.000	2.929	4,696.9	0.0	641.7	5,338.5
12-31-2025	1,735.0	0.0	4,806.1	41.5	0.0	149.5	78.670	0.000	2.929	3,268.7	0.0	437.9	3,706.6
12-31-2026	2,324.3	0.0	2,902.7	65.1	0.0	94.7	78.670	0.000	2.929	5,120.2	0.0	277.4	5,397.5
12-31-2027	5,114.8	0.0	6,616.1	158.7	0.0	190.3	78.670	0.000	2.929	12,484.6	0.0	557.4	13,042.0
12-31-2028	3,018.0	0.0	5,696.2	101.2	0.0	172.0	78.670	0.000	2.929	7,958.1	0.0	503.9	8,462.0
12-31-2029	1,446.1	0.0	3,372.5	48.7	0.0	102.2	78.670	0.000	2.929	3,830.3	0.0	299.2	4,129.5
12-31-2030	767.0	0.0	1,634.6	26.5	0.0	48.9	78.670	0.000	2.929	2,082.4	0.0	143.2	2,225.6
12-31-2031	450.5	0.0	705.1	16.5	0.0	22.3	78.670	0.000	2.929	1,297.3	0.0	65.4	1,362.6
12-31-2032	284.5	0.0	299.8	11.0	0.0	10.6	78.670	0.000	2.929	869.1	0.0	31.0	900.1
12-31-2033	192.0	0.0	176.8	7.6	0.0	6.5	78.670	0.000	2.929	601.2	0.0	19.1	620.2
12-31-2034	139.0	0.0	127.7	5.6	0.0	4.8	78.670	0.000	2.929	443.0	0.0	14.0	456.9
12-31-2035	109.3	0.0	100.6	4.9	0.0	4.1	78.670	0.000	2.929	382.8	0.0	12.1	394.8
12-31-2036	89.5	0.0	82.6	4.3	0.0	3.6	78.670	0.000	2.929	337.2	0.0	10.6	347.8
12-31-2037	73.9	0.0	68.3	3.7	0.0	3.1	78.670	0.000	2.929	291.8	0.0	9.2	301.0
12-31-2038	59.6	0.0	55.2	3.2	0.0	2.7	78.670	0.000	2.929	253.4	0.0	8.0	261.4
SUBTOTAL	18,905.3	0.0	38,102.4	558.2	0.0	1,034.4	78.670	0.000	2.929	43,917.0	0.0	3,029.8	46,946.8
REMAINING	222.3	0.0	205.3	16.3	0.0	13.8	78.670	0.000	2.929	1,281.4	0.0	40.4	1,321.8
TOTAL	19,127.6	0.0	38,307.7	574.5	0.0	1,048.1	78.670	0.000	2.929	45,198.4	0.0	3,070.2	48,268.6
CUM PROD	50,495.2	0.0	86,366.0										
ULTIMATE	69,622.9	0.0	124,673.6										

		_		NET DEDUCTIONS	EXPENDITURES			FUTURE NET				
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	NTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	ΓIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	116	2.3	0.0	549.0	0.0	704.5	4,085.0	4,085.0	3,885.7	3,885.7	0	29,701.2
12-31-2025	116	3.1	0.0	381.9	19.4	602.9	2,702.4	6,787.3	2,325.8	6,211.5	5	24,591.1
12-31-2026	125	3.6	0.0	592.7	3,435.3	660.5	709.1	7,496.4	483.7	6,695.2	8	22,098.9
12-31-2027	132	4.1	0.0	1,443.4	1,339.8	1,023.0	9,235.8	16,732.2	6,450.6	13,145.8	10	20,629.3
12-31-2028	127	4.2	0.0	922.2	0.0	855.5	6,684.4	23,416.6	4,281.7	17,427.5	12	19,292.8
12-31-2029	113	3.8	0.0	444.6	27.5	654.0	3,003.4	26,419.9	1,740.7	19,168.3	15	17,506.2
12-31-2030	104	3.5	0.0	241.5	11.0	545.1	1,428.1	27,848.0	749.0	19,917.3	20	15,013.5
12-31-2031	91	3.3	0.0	150.1	20.6	481.9	710.0	28,558.0	336.8	20,254.1	30	11,369.9
12-31-2032	74	2.9	0.0	100.4	46.0	395.2	358.5	28,916.5	154.3	20,408.4	40	8,926.6
12-31-2033	65	2.6	0.0	69.4	87.5	288.5	174.9	29,091.4	67.4	20,475.8	50	7,242.0
12-31-2034	44	1.8	0.0	51.1	158.2	195.9	51.7	29,143.2	17.5	20,493.3		
12-31-2035	36	1.6	0.0	44.2	62.1	180.7	107.9	29,251.0	33.5	20,526.7		
12-31-2036	31	1.5	0.0	38.9	12.9	171.8	124.2	29,375.3	35.6	20,562.4		
12-31-2037	29	1.5	0.0	33.7	5.3	159.3	102.8	29,478.0	26.7	20,589.0		
12-31-2038	24	1.3	0.0	29.3	26.1	147.8	58.3	29,536.3	13.7	20,602.7		
SUBTOTAL			0.0	5,092.3	5,251.4	7,066.7	29,536.3	29,536.3	20,602.7	20,602.7		
REMAINING			0.0	147.9	198.9	810.1	164.8	164.8	26.6	20,629.3		
TOTAL OF 39.9 YI	RS		0.0	5,240.3	5,450.3	7,876.8	29,701.2	29,701.2	20,629.3	20,629.3		

# SUMMARY PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1,2024

PERIOD	G	ROSS RESERVES		NET RESERVES			AVERAGE PRICES			GROSS REVENUE			
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	2,994.3	0.0	11,021.5	52.9	0.0	192.1	78.670	0.000	2.929	4,162.2	0.0	562.8	4,725.0
12-31-2025	1,623.9	0.0	3,437.9	34.5	0.0	68.1	78.670	0.000	2.929	2,716.1	0.0	199.4	2,915.6
12-31-2026	1,503.3	0.0	1,480.6	27.8	0.0	24.2	78.670	0.000	2.929	2,187.3	0.0	70.9	2,258.3
12-31-2027	1,606.6	0.0	2,009.8	25.6	0.0	25.7	78.670	0.000	2.929	2,016.7	0.0	75.4	2,092.1
12-31-2028	891.8	0.0	1,501.8	17.0	0.0	19.5	78.670	0.000	2.929	1,339.6	0.0	57.2	1,396.9
12-31-2029	556.7	0.0	967.1	12.3	0.0	13.9	78.670	0.000	2.929	964.2	0.0	40.6	1,004.8
12-31-2030	366.3	0.0	594.0	8.7	0.0	9.4	78.670	0.000	2.929	688.2	0.0	27.5	715.7
12-31-2031	250.5	0.0	313.0	6.7	0.0	6.3	78.670	0.000	2.929	524.8	0.0	18.5	543.2
12-31-2032	182.5	0.0	177.3	5.4	0.0	4.7	78.670	0.000	2.929	427.9	0.0	13.7	441.6
12-31-2033	141.8	0.0	130.5	4.4	0.0	3.8	78.670	0.000	2.929	349.4	0.0	11.0	360.4
12-31-2034	109.9	0.0	101.5	3.4	0.0	2.9	78.670	0.000	2.929	270.9	0.0	8.5	279.4
12-31-2035	82.1	0.0	76.1	2.8	0.0	2.4	78.670	0.000	2.929	220.2	0.0	6.9	227.2
12-31-2036	64.9	0.0	60.5	2.4	0.0	2.0	78.670	0.000	2.929	185.8	0.0	5.9	191.6
12-31-2037	49.3	0.0	46.2	1.8	0.0	1.5	78.670	0.000	2.929	139.5	0.0	4.4	143.9
12-31-2038	37.4	0.0	35.2	1.3	0.0	1.1	78.670	0.000	2.929	106.1	0.0	3.3	109.4
SUBTOTAL	10,461.4	0.0	21,953.1	207.2	0.0	377.6	78.670	0.000	2.929	16,298.9	0.0	1,106.2	17,405.1
REMAINING	112.3	0.0	106.3	5.9	0.0	5.0	78.670	0.000	2.929	461.2	0.0	14.5	475.7
TOTAL	10,573.7	0.0	22,059.4	213.0	0.0	382.6	78.670	0.000	2.929	16,760.2	0.0	1,120.7	17,880.9
CUM PROD	50,480.6	0.0	86,305.9										
ULTIMATE	61,054.3	0.0	108,365.3										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET				
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	116	2.1	0.0	486.4	0.0	669.8	3,568.7	3,568.7	3,397.0	3,397.0	0	10,335.8
12-31-2025	116	2.5	0.0	315.1	19.4	562.3	2,018.8	5,587.6	1,740.6	5,137.6	5	9,140.2
12-31-2026	119	2.2	0.0	252.5	337.8	512.9	1,155.1	6,742.7	889.6	6,027.2	8	8,545.6
12-31-2027	117	1.8	0.0	233.0	21.1	482.7	1,355.3	8,098.0	957.6	6,984.9	10	8,190.5
12-31-2028	111	2.0	0.0	154.9	18.8	408.0	815.2	8,913.2	520.6	7,505.5	12	7,864.0
12-31-2029	94	1.9	0.0	111.4	68.2	354.0	471.2	9,384.4	271.5	7,777.0	15	7,421.0
12-31-2030	79	1.8	0.0	79.5	78.9	267.1	290.2	9,674.6	152.3	7,929.3	20	6,786.0
12-31-2031	60	1.5	0.0	60.6	84.3	217.2	181.2	9,855.8	85.0	8,014.3	30	5,801.0
12-31-2032	43	1.3	0.0	49.4	52.8	194.9	144.5	10,000.3	61.7	8,076.0	40	5,073.8
12-31-2033	39	1.2	0.0	40.3	24.9	174.0	121.2	10,121.5	47.3	8,123.3	50	4,515.5
12-31-2034	37	1.2	0.0	31.3	0.9	139.3	107.9	10,229.5	37.9	8,161.2		
12-31-2035	29	1.0	0.0	25.4	66.3	120.0	15.5	10,244.9	4.5	8,165.7		
12-31-2036	25	0.9	0.0	21.4	3.7	109.3	57.2	10,302.1	16.4	8,182.1		
12-31-2037	22	0.8	0.0	16.1	17.1	83.4	27.3	10,329.4	7.0	8,189.2		
12-31-2038	17	0.6	0.0	12.2	36.5	64.2	-3.6	10,325.9	-1.1	8,188.1		
SUBTOTAL			0.0	1,889.7	830.7	4,358.8	10,325.9	10,325.9	8,188.1	8,188.1		
REMAINING			0.0	53.2	104.5	308.1	9.9	9.9	2.4	8,190.5		
TOTAL OF 30.3 YI	RS		0.0	1,942.9	935.3	4,666.9	10,335.8	10,335.8	8,190.5	8,190.5		

#### SUMMARY PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

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PERIOD	G	ROSS RESERVES		NET RESERVES			AVERAGE PRICES			GROSS REVENUE			
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	2,994.3	0.0	11,021.5	52.9	0.0	192.1	78.670	0.000	2.929	4,162.2	0.0	562.8	4,725.0
12-31-2025	1,623.9	0.0	3,437.9	34.5	0.0	68.1	78.670	0.000	2.929	2,716.1	0.0	199.4	2,915.6
12-31-2026	1,009.0	0.0	936.7	24.4	0.0	20.7	78.670	0.000	2.929	1,920.6	0.0	60.8	1,981.4
12-31-2027	679.8	0.0	616.0	18.1	0.0	15.3	78.670	0.000	2.929	1,423.3	0.0	44.9	1,468.2
12-31-2028	472.7	0.0	428.9	13.6	0.0	11.5	78.670	0.000	2.929	1,073.5	0.0	33.8	1,107.3
12-31-2029	336.3	0.0	305.9	10.5	0.0	8.9	78.670	0.000	2.929	825.0	0.0	26.0	851.0
12-31-2030	237.2	0.0	216.4	7.7	0.0	6.5	78.670	0.000	2.929	607.0	0.0	19.1	626.1
12-31-2031	169.0	0.0	155.6	6.0	0.0	5.1	78.670	0.000	2.929	473.6	0.0	14.9	488.5
12-31-2032	127.9	0.0	118.5	5.0	0.0	4.2	78.670	0.000	2.929	393.8	0.0	12.4	406.2
12-31-2033	103.9	0.0	96.4	4.1	0.0	3.5	78.670	0.000	2.929	325.7	0.0	10.3	336.0
12-31-2034	82.5	0.0	76.8	3.2	0.0	2.7	78.670	0.000	2.929	253.7	0.0	8.0	261.7
12-31-2035	61.7	0.0	57.8	2.6	0.0	2.2	78.670	0.000	2.929	207.5	0.0	6.5	214.0
12-31-2036	49.4	0.0	46.4	2.2	0.0	1.9	78.670	0.000	2.929	176.0	0.0	5.5	181.6
12-31-2037	37.2	0.0	35.3	1.7	0.0	1.4	78.670	0.000	2.929	132.0	0.0	4.2	136.2
12-31-2038	27.8	0.0	26.6	1.3	0.0	1.1	78.670	0.000	2.929	100.1	0.0	3.2	103.2
SUBTOTAL	8,012.6	0.0	17,576.7	188.0	0.0	345.4	78.670	0.000	2.929	14,790.2	0.0	1,011.8	15,802.0
REMAINING	105.8	0.0	100.5	5.8	0.0	4.9	78.670	0.000	2.929	457.8	0.0	14.4	472.3
TOTAL	8,118.4	0.0	17,677.2	193.8	0.0	350.3	78.670	0.000	2.929	15,248.1	0.0	1,026.2	16,274.3
CUM PROD	50,480.6	0.0	86,305.9										
ULTIMATE	58,599.0	0.0	103,983.1										

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	INTED	DISCOUNTE	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	116	2.1	0.0	486.4	0.0	669.8	3,568.7	3,568.7	3,397.0	3,397.0	0	9,369.6
12-31-2025	116	2.5	0.0	315.1	19.4	562.3	2,018.8	5,587.6	1,740.6	5,137.6	5	8,380.9
12-31-2026	113	2.7	0.0	221.7	19.3	500.0	1,240.4	6,827.9	966.4	6,104.0	8	7,887.6
12-31-2027	111	3.0	0.0	164.3	21.1	451.3	831.5	7,659.4	586.7	6,690.7	10	7,592.0
12-31-2028	105	3.0	0.0	123.9	18.8	390.6	574.0	8,233.4	366.3	7,057.0	12	7,319.5
12-31-2029	88	2.7	0.0	95.2	68.2	342.1	345.4	8,578.8	198.7	7,255.6	15	6,948.0
12-31-2030	73	2.4	0.0	70.1	78.9	257.9	219.3	8,798.1	115.2	7,370.8	20	6,411.3
12-31-2031	54	1.9	0.0	54.7	84.3	209.3	140.3	8,938.4	65.6	7,436.4	30	5,565.0
12-31-2032	37	1.4	0.0	45.5	52.8	187.9	120.1	9,058.5	51.2	7,487.6	40	4,925.1
12-31-2033	33	1.3	0.0	37.6	24.9	167.4	106.1	9,164.6	41.5	7,529.1	50	4,422.4
12-31-2034	31	1.2	0.0	29.3	0.9	132.9	98.6	9,263.1	34.6	7,563.7		
12-31-2035	23	1.0	0.0	24.0	66.3	113.8	10.0	9,273.1	2.8	7,566.4		
12-31-2036	19	0.9	0.0	20.3	3.7	103.2	54.3	9,327.4	15.6	7,582.0		
12-31-2037	16	0.7	0.0	15.2	17.1	77.5	26.4	9,353.7	6.8	7,588.8		
12-31-2038	11	0.5	0.0	11.6	36.5	58.3	-3.2	9,350.6	-1.0	7,587.8		
SUBTOTAL			0.0	1,714.9	512.3	4,224.3	9,350.6	9,350.6	7,587.8	7,587.8		
REMAINING			0.0	52.9	96.1	304.2	19.1	19.1	4.2	7,592.0		
TOTAL OF 30.3 YF	RS		0.0	1,767.7	608.4	4,528.5	9,369.6	9,369.6	7,592.0	7,592.0		

PERIOD				NET RESERVES			AVERAGE PRICES			GROSS REVENUE			
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	494.4	0.0	543.9	3.4	0.0	3.5	78.670	0.000	2.929	266.7	0.0	10.2	276.9
12-31-2027	926.8	0.0	1,393.8	7.5	0.0	10.4	78.670	0.000	2.929	593.3	0.0	30.5	623.8
12-31-2028	419.1	0.0	1,072.9	3.4	0.0	8.0	78.670	0.000	2.929	266.1	0.0	23.4	289.6
12-31-2029	220.4	0.0	661.2	1.8	0.0	5.0	78.670	0.000	2.929	139.2	0.0	14.6	153.8
12-31-2030	129.1	0.0	377.6	1.0	0.0	2.9	78.670	0.000	2.929	81.3	0.0	8.4	89.6
12-31-2031	81.5	0.0	157.5	0.7	0.0	1.2	78.670	0.000	2.929	51.2	0.0	3.5	54.7
12-31-2032	54.5	0.0	58.9	0.4	0.0	0.4	78.670	0.000	2.929	34.2	0.0	1.3	35.5
12-31-2033	37.9	0.0	34.1	0.3	0.0	0.3	78.670	0.000	2.929	23.7	0.0	0.7	24.5
12-31-2034	27.4	0.0	24.7	0.2	0.0	0.2	78.670	0.000	2.929	17.1	0.0	0.5	17.7
12-31-2035	20.4	0.0	18.4	0.2	0.0	0.1	78.670	0.000	2.929	12.7	0.0	0.4	13.1
12-31-2036	15.6	0.0	14.0	0.1	0.0	0.1	78.670	0.000	2.929	9.7	0.0	0.3	10.0
12-31-2037	12.1	0.0	10.9	0.1	0.0	0.1	78.670	0.000	2.929	7.5	0.0	0.2	7.8
12-31-2038	9.6	0.0	8.6	0.1	0.0	0.1	78.670	0.000	2.929	6.0	0.0	0.2	6.1
SUBTOTAL	2,448.8	0.0	4,376.4	19.2	0.0	32.2	78.670	0.000	2.929	1,508.7	0.0	94.4	1,603.1
REMAINING	6.4	0.0	5.8	0.0	0.0	0.0	78.670	0.000	2.929	3.4	0.0	0.1	3.5
TOTAL	2,455.3	0.0	4,382.2	19.2	0.0	32.3	78.670	0.000	2.929	1,512.1	0.0	94.5	1,606.6
CUM PROD	0.0	0.0	0.0										
ULTIMATE	2,455.3	0.0	4,382.2										

SUMMARY PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE -	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	INTED	DISCOUNTE	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	966.1
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	759.3
12-31-2026	6	0.0	0.0	30.8	318.5	12.9	-85.3	-85.3	-76.8	-76.8	8	658.0
12-31-2027	6	0.0	0.0	68.7	0.0	31.4	523.8	438.6	370.9	294.2	10	598.5
12-31-2028	6	0.0	0.0	30.9	0.0	17.4	241.2	679.8	154.4	448.5	12	544.6
12-31-2029	6	0.0	0.0	16.2	0.0	11.8	125.8	805.5	72.8	521.3	15	473.0
12-31-2030	6	0.0	0.0	9.5	0.0	9.2	70.9	876.5	37.1	558.5	20	374.7
12-31-2031	6	0.0	0.0	5.9	0.0	7.8	40.9	917.4	19.4	577.9	30	236.0
12-31-2032	6	0.0	0.0	3.9	0.0	7.1	24.5	941.9	10.5	588.4	40	148.7
12-31-2033	6	0.0	0.0	2.7	0.0	6.6	15.1	957.0	5.9	594.2	50	93.1
12-31-2034	6	0.0	0.0	2.0	0.0	6.3	9.4	966.3	3.3	597.5		
12-31-2035	6	0.0	0.0	1.5	0.0	6.1	5.5	971.8	1.8	599.3		
12-31-2036	6	0.0	0.0	1.1	0.0	6.0	2.9	974.7	0.8	600.1		
12-31-2037	6	0.0	0.0	0.9	0.0	5.9	1.0	975.7	0.3	600.4		
12-31-2038	6	0.0	0.0	0.7	0.0	5.9	-0.4	975.3	-0.1	600.3		
SUBTOTAL			0.0	174.8	318.5	134.5	975.3	975.3	600.3	600.3		
REMAINING			0.0	0.4	8.4	3.8	-9.2	-9.2	-1.8	598.5		
TOTAL OF 16.3 YF	RS		0.0	175.2	326.9	138.4	966.1	966.1	598.5	598.5		

PERIOD				NET RESERVES			AVERAGE PRICES			GROSS REVENUE			
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	107.5	0.0	436.6	6.8	0.0	26.9	78.670	0.000	2.929	534.7	0.0	78.8	613.5
12-31-2025	111.1	0.0	1,368.2	7.0	0.0	81.4	78.670	0.000	2.929	552.5	0.0	238.5	791.0
12-31-2026	100.7	0.0	631.0	6.5	0.0	38.2	78.670	0.000	2.929	509.5	0.0	111.8	621.3
12-31-2027	88.8	0.0	79.9	5.9	0.0	5.0	78.670	0.000	2.929	461.1	0.0	14.5	475.7
12-31-2028	81.3	0.0	73.2	5.5	0.0	4.7	78.670	0.000	2.929	435.0	0.0	13.7	448.7
12-31-2029	74.4	0.0	67.0	5.1	0.0	4.3	78.670	0.000	2.929	401.4	0.0	12.6	414.1
12-31-2030	74.5	0.0	67.1	5.2	0.0	4.4	78.670	0.000	2.929	407.7	0.0	12.8	420.5
12-31-2031	69.4	0.0	62.5	4.8	0.0	4.1	78.670	0.000	2.929	377.7	0.0	11.9	389.6
12-31-2032	49.6	0.0	44.7	3.6	0.0	3.0	78.670	0.000	2.929	282.9	0.0	8.9	291.8
12-31-2033	35.5	0.0	31.9	2.6	0.0	2.2	78.670	0.000	2.929	205.9	0.0	6.5	212.3
12-31-2034	28.6	0.0	25.8	2.2	0.0	1.8	78.670	0.000	2.929	170.3	0.0	5.4	175.6
12-31-2035	27.2	0.0	24.5	2.1	0.0	1.7	78.670	0.000	2.929	162.6	0.0	5.1	167.7
12-31-2036	24.6	0.0	22.1	1.9	0.0	1.6	78.670	0.000	2.929	151.4	0.0	4.8	156.2
12-31-2037	24.6	0.0	22.1	1.9	0.0	1.6	78.670	0.000	2.929	152.3	0.0	4.8	157.1
12-31-2038	22.2	0.0	20.0	1.9	0.0	1.6	78.670	0.000	2.929	147.4	0.0	4.6	152.0
SUBTOTAL	920.1	0.0	2,976.6	63.0	0.0	182.6	78.670	0.000	2.929	4,952.4	0.0	534.8	5,487.1
REMAINING	110.0	0.0	99.0	10.4	0.0	8.8	78.670	0.000	2.929	820.2	0.0	25.8	846.1
TOTAL	1,030.1	0.0	3,075.6	73.4	0.0	191.4	78.670	0.000	2.929	5,772.6	0.0	560.6	6,333.2
CUM PROD	14.7	0.0	60.0										
ULTIMATE	1,044.8	0.0	3,135.6										

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET				
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	INTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	62.6	0.0	34.7	516.2	516.2	488.6	488.6	0	4,042.0
12-31-2025	0	0.0	0.0	66.8	0.0	40.6	683.5	1,199.8	585.2	1,073.9	5	3,215.3
12-31-2026	0	0.0	0.0	60.1	0.0	34.8	526.3	1,726.1	410.7	1,484.5	8	2,854.6
12-31-2027	0	0.0	0.0	53.2	0.0	36.0	386.4	2,112.5	272.0	1,756.5	10	2,652.8
12-31-2028	1	0.1	0.0	50.2	-18.8	61.9	355.4	2,467.9	226.5	1,983.0	12	2,475.6
12-31-2029	4	0.3	0.0	46.3	-40.7	80.9	327.5	2,795.4	189.7	2,172.7	15	2,246.9
12-31-2030	10	0.7	0.0	47.1	-67.9	138.6	302.8	3,098.2	157.7	2,330.4	20	1,940.9
12-31-2031	16	1.1	0.0	43.6	-63.7	163.5	246.2	3,344.4	117.0	2,447.5	30	1,512.4
12-31-2032	16	1.2	0.0	32.7	-6.8	117.3	148.6	3,493.1	64.3	2,511.7	40	1,228.4
12-31-2033	11	0.8	0.0	23.8	62.5	72.2	53.9	3,546.9	20.1	2,531.8	50	1,027.7
12-31-2034	4	0.3	0.0	19.7	85.8	54.2	16.0	3,562.9	5.3	2,537.1		
12-31-2035	7	0.5	0.0	18.8	-31.5	60.7	119.7	3,682.7	38.0	2,575.1		
12-31-2036	6	0.5	0.0	17.5	9.1	62.5	67.1	3,749.7	19.2	2,594.3		
12-31-2037	7	0.6	0.0	17.6	-11.9	76.0	75.4	3,825.1	19.6	2,613.9		
12-31-2038	7	0.6	0.0	17.0	-10.5	83.6	61.9	3,887.0	14.8	2,628.7		
SUBTOTAL			0.0	576.9	-94.3	1,117.6	3,887.0	3,887.0	2,628.7	2,628.7		
REMAINING			0.0	94.7	94.3	502.1	155.0	155.0	24.1	2,652.8		
TOTAL OF 39.9 YE	RS		0.0	671.6	0.0	1,619.6	4,042.0	4,042.0	2,652.8	2,652.8		

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	107.5	0.0	436.6	6.8	0.0	26.9	78.670	0.000	2.929	534.7	0.0	78.8	613.5
12-31-2025	111.1	0.0	1,368.2	7.0	0.0	81.4	78.670	0.000	2.929	552.5	0.0	238.5	791.0
12-31-2026	100.7	0.0	631.0	6.5	0.0	38.2	78.670	0.000	2.929	509.5	0.0	111.8	621.3
12-31-2027	88.8	0.0	79.9	5.9	0.0	5.0	78.670	0.000	2.929	461.1	0.0	14.5	475.7
12-31-2028	81.3	0.0	73.2	5.5	0.0	4.7	78.670	0.000	2.929	435.0	0.0	13.7	448.7
12-31-2029	74.4	0.0	67.0	5.1	0.0	4.3	78.670	0.000	2.929	401.4	0.0	12.6	414.1
12-31-2030	74.5	0.0	67.1	5.2	0.0	4.4	78.670	0.000	2.929	407.7	0.0	12.8	420.5
12-31-2031	69.4	0.0	62.5	4.8	0.0	4.1	78.670	0.000	2.929	377.7	0.0	11.9	389.6
12-31-2032	49.6	0.0	44.7	3.6	0.0	3.0	78.670	0.000	2.929	282.9	0.0	8.9	291.8
12-31-2033	35.5	0.0	31.9	2.6	0.0	2.2	78.670	0.000	2.929	205.9	0.0	6.5	212.3
12-31-2034	28.6	0.0	25.8	2.2	0.0	1.8	78.670	0.000	2.929	170.3	0.0	5.4	175.6
12-31-2035	27.2	0.0	24.5	2.1	0.0	1.7	78.670	0.000	2.929	162.6	0.0	5.1	167.7
12-31-2036	24.6	0.0	22.1	1.9	0.0	1.6	78.670	0.000	2.929	151.4	0.0	4.8	156.2
12-31-2037	24.6	0.0	22.1	1.9	0.0	1.6	78.670	0.000	2.929	152.3	0.0	4.8	157.1
12-31-2038	22.2	0.0	20.0	1.9	0.0	1.6	78.670	0.000	2.929	147.4	0.0	4.6	152.0
SUBTOTAL	920.1	0.0	2,976.6	63.0	0.0	182.6	78.670	0.000	2.929	4,952.4	0.0	534.8	5,487.1
REMAINING	110.0	0.0	99.0	10.4	0.0	8.8	78.670	0.000	2.929	820.2	0.0	25.8	846.1
TOTAL	1,030.1	0.0	3,075.6	73.4	0.0	191.4	78.670	0.000	2.929	5,772.6	0.0	560.6	6,333.2
CUM PROD	14.7	0.0	60.0										
ULTIMATE	1,044.8	0.0	3,135.6										

		_		NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	INTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	62.6	0.0	34.7	516.2	516.2	488.6	488.6	0	4,042.0
12-31-2025	0	0.0	0.0	66.8	0.0	40.6	683.5	1,199.8	585.2	1,073.9	5	3,215.3
12-31-2026	0	0.0	0.0	60.1	0.0	34.8	526.3	1,726.1	410.7	1,484.5	8	2,854.6
12-31-2027	0	0.0	0.0	53.2	0.0	36.0	386.4	2,112.5	272.0	1,756.5	10	2,652.8
12-31-2028	1	0.1	0.0	50.2	-18.8	61.9	355.4	2,467.9	226.5	1,983.0	12	2,475.6
12-31-2029	4	0.3	0.0	46.3	-40.7	80.9	327.5	2,795.4	189.7	2,172.7	15	2,246.9
12-31-2030	10	0.7	0.0	47.1	-67.9	138.6	302.8	3,098.2	157.7	2,330.4	20	1,940.9
12-31-2031	16	1.1	0.0	43.6	-63.7	163.5	246.2	3,344.4	117.0	2,447.5	30	1,512.4
12-31-2032	16	1.2	0.0	32.7	-6.8	117.3	148.6	3,493.1	64.3	2,511.7	40	1,228.4
12-31-2033	11	0.8	0.0	23.8	62.5	72.2	53.9	3,546.9	20.1	2,531.8	50	1,027.7
12-31-2034	4	0.3	0.0	19.7	85.8	54.2	16.0	3,562.9	5.3	2,537.1		
12-31-2035	7	0.5	0.0	18.8	-31.5	60.7	119.7	3,682.7	38.0	2,575.1		
12-31-2036	6	0.5	0.0	17.5	9.1	62.5	67.1	3,749.7	19.2	2,594.3		
12-31-2037	7	0.6	0.0	17.6	-11.9	76.0	75.4	3,825.1	19.6	2,613.9		
12-31-2038	7	0.6	0.0	17.0	-10.5	83.6	61.9	3,887.0	14.8	2,628.7		
SUBTOTAL			0.0	576.9	-94.3	1,117.6	3,887.0	3,887.0	2,628.7	2,628.7		
REMAINING			0.0	94.7	94.3	502.1	155.0	155.0	24.1	2,652.8		
TOTAL OF 39.9 YI	RS		0.0	671.6	0.0	1,619.6	4,042.0	4,042.0	2,652.8	2,652.8		

PERIOD

ANDRESS SANDEFER ET AL CURRENT INTEREST

GROSS RESERVES

AVERAGE PRICES

LEKIOD _	G	KOSS KESEKVES			NEI KESEKVES		A	VERAGE PRICES			GROSS RE	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	720.3	0.0	791.1	30.8	0.0	32.3	78.670	0.000	2.929	2,423.4	0.0	94.6	2,518.0
12-31-2027	3,419.4	0.0	4,526.4	127.2	0.0	159.6	78.670	0.000	2.929	10,006.8	0.0	467.5	10,474.3
12-31-2028	2,044.8	0.0	4,121.2	78.6	0.0	147.8	78.670	0.000	2.929	6,183.5	0.0	432.9	6,616.4
12-31-2029	815.0	0.0	2,338.5	31.3	0.0	84.0	78.670	0.000	2.929	2,464.6	0.0	246.0	2,710.6
12-31-2030	326.2	0.0	973.5	12.5	0.0	35.1	78.670	0.000	2.929	986.5	0.0	102.9	1,089.3
12-31-2031	130.6	0.0	329.5	5.0	0.0	11.9	78.670	0.000	2.929	394.8	0.0	35.0	429.8
12-31-2032	52.3	0.0	77.8	2.0	0.0	2.8	78.670	0.000	2.929	158.3	0.0	8.3	166.6
12-31-2033	14.7	0.0	14.3	0.6	0.0	0.5	78.670	0.000	2.929	45.9	0.0	1.6	47.5
12-31-2034	0.5	0.0	0.4	0.0	0.0	0.0	78.670	0.000	2.929	1.8	0.0	0.1	1.9
12-31-2035	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	7,523.8	0.0	13,172.7	288.1	0.0	474.1	78.670	0.000	2.929	22,665.7	0.0	1,388.8	24,054.5
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	7,523.8	0.0	13,172.7	288.1	0.0	474.1	78.670	0.000	2.929	22,665.7	0.0	1,388.8	24,054.5
CUM PROD	0.0	0.0	0.0										
ULTIMATE	7,523.8	0.0	13,172.7										

NET RESERVES

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	FACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	15,323.4
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	12,235.6
12-31-2026	6	0.3	0.0	280.0	3,097.5	112.8	-972.4	-972.4	-816.6	-816.6	8	10,698.7
12-31-2027	15	0.6	0.0	1,157.2	1,318.6	504.3	7,494.1	6,521.7	5,221.0	4,404.5	10	9,786.0
12-31-2028	15	0.6	0.0	717.1	0.0	385.5	5,513.8	12,035.5	3,534.6	7,939.0	12	8,953.2
12-31-2029	15	0.6	0.0	286.8	0.0	219.2	2,204.6	14,240.1	1,279.6	9,218.6	15	7,838.3
12-31-2030	15	0.6	0.0	114.9	0.0	139.5	835.0	15,075.2	439.0	9,657.6	20	6,286.6
12-31-2031	15	0.6	0.0	45.9	0.0	101.3	282.7	15,357.8	134.7	9,792.3	30	4,056.5
12-31-2032	15	0.6	0.0	18.3	0.0	83.0	65.3	15,423.2	28.4	9,820.7	40	2,624.4
12-31-2033	15	0.6	0.0	5.3	0.0	42.3	-0.2	15,423.0	0.0	9,820.7	50	1,698.8
12-31-2034	3	0.2	0.0	0.2	71.5	2.4	-72.2	15,350.8	-25.7	9,795.0		
12-31-2035	0	0.0	0.0	0.0	27.3	0.0	-27.3	15,323.4	-9.0	9,786.0		
SUBTOTAL			0.0	2,625.8	4,515.0	1,590.3	15,323.4	15,323.4	9,786.0	9,786.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	9,786.0		
TOTAL OF 10.2	YRS		0.0	2,625.8	4,515.0	1,590.3	15,323.4	15,323.4	9,786.0	9,786.0		

TOTAL POSSIBLE

GROSS REVENUE

#### SUMMARY PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

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PERIOD	G	ROSS RESERVES		1	NET RESERVES		AVERAGE PRICES			GROSS REVENUE			
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	720.3	0.0	791.1	30.8	0.0	32.3	78.670	0.000	2.929	2,423.4	0.0	94.6	2,518.0
12-31-2027	3,419.4	0.0	4,526.4	127.2	0.0	159.6	78.670	0.000	2.929	10,006.8	0.0	467.5	10,474.3
12-31-2028	2,044.8	0.0	4,121.2	78.6	0.0	147.8	78.670	0.000	2.929	6,183.5	0.0	432.9	6,616.4
12-31-2029	815.0	0.0	2,338.5	31.3	0.0	84.0	78.670	0.000	2.929	2,464.6	0.0	246.0	2,710.6
12-31-2030	326.2	0.0	973.5	12.5	0.0	35.1	78.670	0.000	2.929	986.5	0.0	102.9	1,089.3
12-31-2031	130.6	0.0	329.5	5.0	0.0	11.9	78.670	0.000	2.929	394.8	0.0	35.0	429.8
12-31-2032	52.3	0.0	77.8	2.0	0.0	2.8	78.670	0.000	2.929	158.3	0.0	8.3	166.6
12-31-2033	14.7	0.0	14.3	0.6	0.0	0.5	78.670	0.000	2.929	45.9	0.0	1.6	47.5
12-31-2034	0.5	0.0	0.4	0.0	0.0	0.0	78.670	0.000	2.929	1.8	0.0	0.1	1.9
12-31-2035	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	7,523.8	0.0	13,172.7	288.1	0.0	474.1	78.670	0.000	2.929	22,665.7	0.0	1,388.8	24,054.5
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	7,523.8	0.0	13,172.7	288.1	0.0	474.1	78.670	0.000	2.929	22,665.7	0.0	1,388.8	24,054.5
CUM PROD	0.0	0.0	0.0										
ULTIMATE	7,523.8	0.0	13,172.7										

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	OAT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	15,323.4
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	12,235.6
12-31-2026	6	0.3	0.0	280.0	3,097.5	112.8	-972.4	-972.4	-816.6	-816.6	8	10,698.7
12-31-2027	15	0.6	0.0	1,157.2	1,318.6	504.3	7,494.1	6,521.7	5,221.0	4,404.5	10	9,786.0
12-31-2028	15	0.6	0.0	717.1	0.0	385.5	5,513.8	12,035.5	3,534.6	7,939.0	12	8,953.2
12-31-2029	15	0.6	0.0	286.8	0.0	219.2	2,204.6	14,240.1	1,279.6	9,218.6	15	7,838.3
12-31-2030	15	0.6	0.0	114.9	0.0	139.5	835.0	15,075.2	439.0	9,657.6	20	6,286.6
12-31-2031	15	0.6	0.0	45.9	0.0	101.3	282.7	15,357.8	134.7	9,792.3	30	4,056.5
12-31-2032	15	0.6	0.0	18.3	0.0	83.0	65.3	15,423.2	28.4	9,820.7	40	2,624.4
12-31-2033	15	0.6	0.0	5.3	0.0	42.3	-0.2	15,423.0	0.0	9,820.7	50	1,698.8
12-31-2034	3	0.2	0.0	0.2	71.5	2.4	-72.2	15,350.8	-25.7	9,795.0		
12-31-2035	0	0.0	0.0	0.0	27.3	0.0	-27.3	15,323.4	-9.0	9,786.0		
SUBTOTAL			0.0	2,625.8	4,515.0	1,590.3	15,323.4	15,323.4	9,786.0	9,786.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	9,786.0		
TOTAL OF 10.2 Y	YRS		0.0	2,625.8	4,515.0	1,590.3	15,323.4	15,323.4	9,786.0	9,786.0		

# **GENERAL INFORMATION**



		121111		K (	•
7 147N 96W	16 147N 96W	15 147N 96W	14 147N 96W	13 147N 96W	18 147N 95W
0 147N 96W	Z. 147N 96W	22 143N 96W	23 147N 96N	24 147N 96W	₹ 19 147N 95W
			T.	0	22 y 2
			1	-	1
19 147N 96W	20 147N 96W	27 147N 96W	26 147N 95W	25 147N 96W	30 147N 95W
9		000	THE P	PREMI	
I2 147N 96W	33 147N 96W	34 147N 96W	35 147N 96N	36 1.47N 96W	31 147N 95W
5	4				
5 146N 96W	4 146N 96W	3 146N 96W	2 146N 96W	11/6N 96W	6 146N 95W
		N. IIII	-1.171		нідп
8 146N 96W	9 146N 96W 1 : 56,878	10 146N 96W	11 146N 96W	12 146N 96W	High 222 V 7 146N 95W
	5000 ft	10000 ft	OA	KDALE	40

Area	Section(s)	Field
Summerfield	15	Bear Creek
Carus	21 + 28	Cedar Coulee
Hawkinson	22 + 27	Oakdale
Morris	23 + 26	Oakdale
Brandvik	24 + 25	Corral Creek
State Weydahl	36 + 1	Corral Creek
Carson Peak	35 + 2	Oakdale
Whitman	34 + 3	Oakdale
Bang	33 + 4	Cedar Coulee

Total # of Acres in the Study =  $\pm 10,880$ Total # of Wells in the Study = 120 Total # of Sections in the Study = 17 Total # of Areas in the Study = 9

> Property Index Map Oakdale Field Study Area Dunn County, North Dakota

#### BACKGROUND OF THE BAKKEN

Oil production from North Dakota's Bakken formation (includes Bakken, Sanish, Three Forks, and Bakken/Three Forks Pools) commenced in December 1953; and as of November 2023, the number of producing wells in North Dakota reached an all-time high of 18,333 of which nearly 90% (16,423 wells) target the unconventional Bakken. Over **4.9 Billion barrels** of oil and **9.1 Trillion standard cubic feet** of gas have been produced from the Bakken Total Petroleum System (TPS) as of November 2023.<sup>2</sup> The Bakken and Three Forks Formations are all part of the Bakken TPS, which includes strata from the Upper Devonian Three Forks Formation, Upper Devonian to Lower Mississippian Bakken Formation, and the lowermost part of the Lower Mississippian Lodgepole Formation (Gaswirth and Marra, 2015). **Figure 2** shows a typelog of the Carus Fee 21-19 which is located in 19-T147N-R96W about 2.6 miles west of the Oakdale Field. As the typelog depicts, the "Bakken Pool" can vary from field to field; but in general, the Bakken Pool is typically defined as 50'-200' above the top of the Bakken to above the top of the Birdbear.

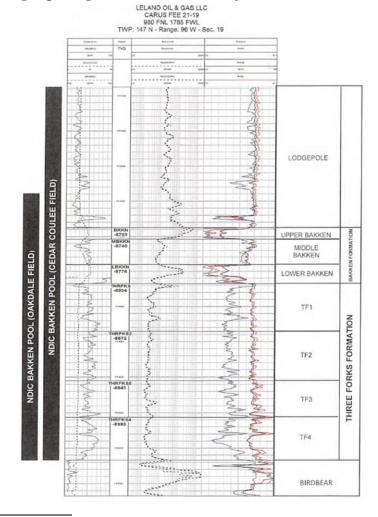


Figure 2. Typelog depicting NDIC Bakken Pools for Oakdale & Cedar Coulee Fields

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<sup>&</sup>lt;sup>2</sup> NDDMR. "North Dakota General Statistics." Cumulative production calculated from <u>Historical monthly oil production statistics</u>, <u>Historical monthly Bakken oil statistics</u>, and <u>Historical monthly gas production and sales statistics</u>. Retrieved from <a href="https://www.dmr.nd.gov/oilgas/stats/statisticsvw.asp">https://www.dmr.nd.gov/oilgas/stats/statisticsvw.asp</a>. Accessed 1/31/2024.

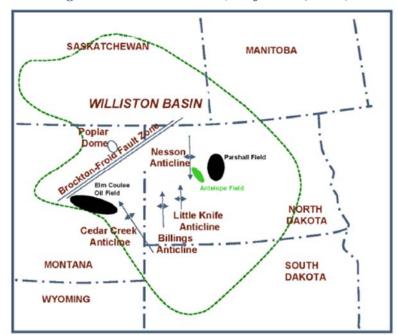


Figure 3. Williston Basin (Bottjer et al, 2011)

The **Williston Basin** is an intracratonic basin (or geologic bowl in layman's terms) that extends across portions of Montana, North Dakota, and South Dakota in the United States, and the provinces of Saskatchewan and Manitoba in Canada (Gaswirth and Marra, 2015; Sonnenberg, 2018). The Williston Basin, as mapped in **Figure 3**, covers more than 140,000 square miles yet has undergone minimal structural activity with shallow formation dips towards the center of the basin (Pearson et al, 2023). The Oakdale Field is situated along the Nesson Anticline between the Antelope Field and Little Knife Anticline features depicted in **Figure 3**.

The **Three Forks Formation** includes dolomitic shale, siltstone, and dolostone, which suggests deposition within hypersaline marine, subtidal, and intertidal environments. Anhydrite nodules are common with the lower sections of the Three Forks Formation. The Three Forks is commonly divided into informal lower (or Three Forks 3), middle (or Three Forks 2), and upper (or Three Forks 1) intervals, a distinction typically used by industry (LeFever et al, 2011; Gaswirth and Marra, 2015; Sonnenberg, 2018; Nesheim, 2019).

From older to younger, the **Bakken Formation** consists of four units: (1) the Pronghorn Member (aka, Sanish Sandstone), (2) lower shale member, (3) middle member, and (4) upper shale member (LeFever et al, 2011). The lower and upper shale members are organic rich and form the hydrocarbon source intervals for the Bakken TPS. Oil generated from these source units locally migrated into the informal middle member of the Bakken, the Pronghorn Member of the Bakken, and the dolomitized intervals of the underlying Three Forks Formation. The middle member of the Bakken was the first, and main, horizontal drilling target within the Bakken Formation and is composed of sandstone, siltstone, dolomite, and mudstone deposited within a shallow water environment during sea level regression (Pollastro et al, 2012; Gaswirth and Marra, 2015).

North Dakota's oil and gas industry is inextricably linked to the Bakken. Case in point, in November 2023, the Bakken accounted for 97.5% and 99.1% of the state's total oil and gas production, respectively. Thus, as the Bakken goes, so does North Dakota's oil and gas industry.

Given the Bakken has produced 4.9 Billion Barrels of Oil (BBO) as of November 2023, how much oil is remaining to be recovered? Those estimates vary widely, but during the NDPC annual meeting held in September 2023, a slide was shown that expounded upon JJ Kringstad's (Executive Director at North Dakota Pipeline Authority) November 2021 forecast (**Figure 4**).

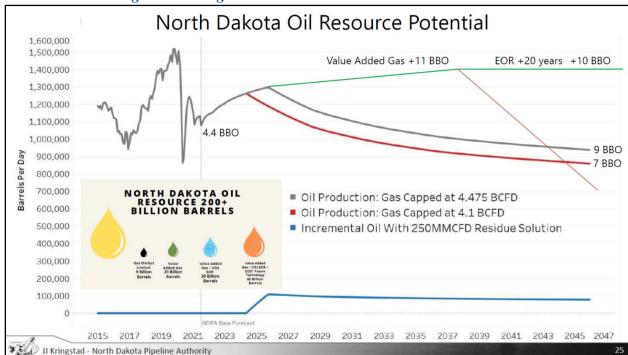


Figure 4. Rising GOR's Will Curtail Bakken Oil Production

Key takeaways from Figure 4 are as follows:

- 1. Assuming gas offtake capacity is capped at 4.1 Billion Cubic Feet per Day (BCFD), the Bakken's Estimated Ultimate Recovery (EUR) is **7 BBO**.
- 2. Increasing gas offtake capacity to 4.475 BCFD adds 2 BBO incrementally, which raises the Bakken's EUR to **9 BBO**.
- 3. Improved Oil Recovery (IOR) via injecting or cycling produced gas (aka, Value Added Gas) has the potential of adding 11 BBO, which raises the Bakken's EUR to **20 BBO**.
- 4. Enhanced Oil Recovery (EOR) via injecting or cycling carbon dioxide (CO<sub>2</sub>) has the potential of adding 10 BBO, which raises the Bakken's EUR to **30 BBO**.
- 5. Given the Bakken has produced nearly 5 BBO as of January 1, 2024, the Bakken could produce another 2 25 BBO.

#### DISCUSSION OF OAKDALE FIELD STUDY

Dwayne T. Stewart, P.E. (an independent Qualified Reserves Evaluator hereinafter referred to as "QRE") was engaged by the Andress Sandefer Group (hereinafter referred to as the "Group") to

conduct an engineering study of reserves, as of January 1, 2024, for certain properties located in and immediately adjacent to the Oakdale Field, Dunn County, North Dakota. The scope of the work was (1) estimate the gross and net proved and probable and possible reserves attributable to the Working Interest (WI) and Revenue Interests (RI) of the Group and (2) estimate the future net revenue to be realized based upon economic forecasts of producing rates, product prices, development costs, and operating expenses, all in accordance with the 2018 Petroleum Resources Management System. Given the QRE was engaged by non-operators, the primary source for information was the North Dakota Oil & Gas Division (NGOGD) public website along with JIBs and Revenue Statements generated by the respective operators of record. The Property Index Map on Page 1 of this Report shows the approximate location of the properties within the state of North Dakota; Figure 5 color-codes each of the areas and Table 2 names each area (or tract) in the study.

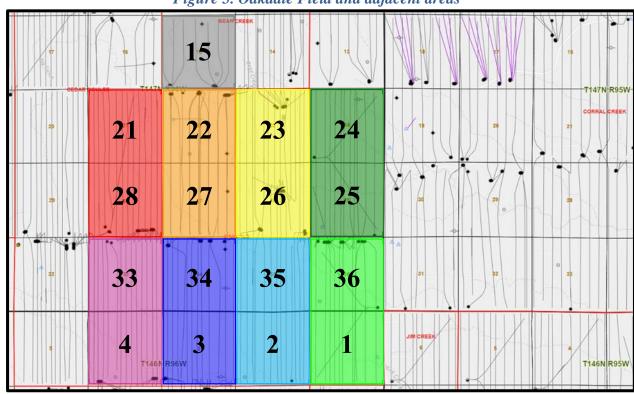


Figure 5. Oakdale Field and adjacent areas

Table 2. Oakdale Field and adjacent areas

Section(s)	# of Sections	Field	Tract Name
15	1	Bear Creek	Summerfield
21 / 28	2	Cedar Coulee	Carus
22 / 27	2	Oakdale	Hawkinson
23 / 26	2	Oakdale	Morris
24 / 25	2	Corral Creek	Brandvik
36 / 1	2	Corral Creek	State Weydahl
35 / 2	2	Oakdale	Carson Peak
34 / 3	2	Oakdale	Whitman
33 / 4	2	Cedar Coulee	Bang

All sections in this study are located in T147N, R96W except for sections 1, 2, 3, and 4; these four sections are located in T146N, R96W. Each section is a standard governmental section and contains 640 acres, more or less. Thus, these 17 sections comprise  $\pm 10,880$  acres.

The Oakdale Field has been historically grouped into four producing areas as follows: **Hawkinson** (Sections 22/27), **Morris** (Sections 23/26), **Carson Peak** (Sections 35/2), and **Whitman** (Sections 34/3). Each of the four historical producing areas is referred to as a "Standup 1280" because each area contains 1280 acres, more or less, and is oriented in a north-south direction. A spacing unit that contains two sections oriented east-west is referred to as a "Laydown 1280." In any event, Oakdale's four existing Standup 1280s were reformed into larger "Standup 2560" spacing units. Thus, Oakdale Field has an eastern Standup 2560 (aka, Morris/Carson Peak Standup 2560) which contains Sections 23/26/35/2 and a western Standup 2560 (aka, Hawkinson/Whitman Standup 2560) which contains Sections 22/27/34/3. Instituting Standup 2560s yielded three major benefits: (i) ushered in the practice of Eco-Pad developments which reduced the oil & gas industry's surface footprint by nearly 60% initially (i.e., 4 acres/well × 4 wells = 16 acres versus 1 Eco-Pad at 7 acres for 4 wells), (ii) eliminated the 500' setbacks (1000' total) between spacing units common boundaries thereby increasing ultimate oil recovery, and (iii) provided flexibility of spotting surface locations based upon topographical and/or cultural restrictions.

The original Oakdale Field operator (Burlington Resources) drilled horizontal laterals spanning two sections oriented north-south; the current operator (Continental Resources) continues that same development plan with <u>notable exceptions</u> in the Morris/Carson Peak tracts where there are a handful of long-laterals that span more than 2 sections. Specifically, there are five Carson Peak wells that physically have perforations on Section 26; moreover, there are six Morris wells that were shortened to accommodate said Carson Peak long-laterals. This fact is important because the summation of through-wellbore reserves of wells with similar tract names results in overallocating production to Carson Peak and under-allocating production to Morris. Nearly 25% of all Carson Peak long-lateral perfs — which equates to more than 10% of all Carson Peak perfs — are physically on Section 26 (i.e., the Morris tract); as such, drainage from and interference with existing Morris wells must be accounted for to correctly allocate production between the Morris and Carson Peak tracts. Allocation between tracts notwithstanding, migrating from Standup 1280s to Standup 2560s was appropriate for all the benefits previously discussed. With respect to Morris and Carson Peak, co-locating wells near the center of Section 26 was the only way to accommodate topographical restrictions physically present along the Section 26/Section 35 boundary.

The Carus (Sections 21/28) and Bang (Sections 33/4) areas are Standup 1280s coded to the Cedar Coulee Field; whereas the Brandvik (Sections 24/25) and State Weydahl (Sections 36/1) areas are Standup 1280s coded to the Corral Creek Field. Similar to Oakdale Field's creation of Standup 2560s, the Brandvik and State Weydahl spacing units were also consolidated into a Standup 2560 (aka, Brandvik/State Weydahl Standup 2560). Continental Resources is the current operator of all wells in the Hawkinson, Morris, Carson Peak, Whitman, Carus, Bang, Brandvik, and State Weydahl areas with the exception of two lease-line wells on the east border of the Brandvik and State Weydahl areas. Conversely, the Summerfield (Section 15) area, which is coded to the Bear Creek Field, is developed as a single section in lieu of either a Standup 1280 or Laydown 1280; as such, it contains ±640 acres. Enerplus Resources is the current operator of the Summerfield area.

**Table 3** and **Table 4** list wells by area. For ease of reference, section-line wells are grouped with wells of the same name; however, the five most outboard section-line wells (e.g., Rodney, Gale, Meriwether, Prairie Rose, and Dvirnak) were grouped by proximity to the nearest Standup 1280.

Table 3. Wells by Area

		Field / A	rea / Sections with	n Andres	s, Sandefer Group WI/RI	and/or (	ORRI > 0%	
	Oakdale		Oakdale		Oakdale		Oakdale	
	Hawkinson		Morris		Whitman		Carson Peak	
Wellcount	Sections 22/27	NDIC#	Sections 23/26	NDIC#	Sections 34/3	NDIC#	Sections 35/2	NDIC#
1	Hawkinson 1-22H	18275	Morris 1-23H	17334	Whitman 2-34H	20210	Carson Peak 2-35H	18861
2	Hawkinson 2-27H	20208	Morris 2-26H	18860	Whitman 3-34H	20212	Carson Peak 3-35H	18859
3	Hawkinson 3-27H	20211	Morris 3-26H	18858			Carson Peak 5-35H2	35273
4	Hawkinson 4-22H2	24223	Morris 4-23HSL	34353			Carson Peak 6-35H1	35108
5	Hawkinson 5-22H	24224	Morris 5-23H2	34352			Carson Peak 7-35H	35080
6	Hawkinson 6-22H3	24225	Morris 6-23H	34351			Carson Peak 8-35H2	35081
7	Hawkinson 7-22H2	24282	Morris 7-26H2	35109			Carson Peak 9-35H	35083
8	Hawkinson 8-22H	24283	Morris 8-26H1	35082			Carson Peak 10-35H1	35084
9	Hawkinson 9-22H3	24284	Morris 9-26H	35085			Carson Peak 11-35H2	37715
10	Hawkinson 10-22H1	24285	Morris 10-26H2	35086			Carson Peak 12-35H1	37716
11	Hawkinson 11-22H2	24286	Morris 11-26H	35087			Carson Peak 13-35H	37794
12	Hawkinson 12-22H3	24350	Morris 12-26H1	37713			Carson Peak 14-35HSL2	37795
13	Hawkinson 13-22H	24455	Morris 13-26H	37714				
14	Hawkinson 14-22H2	24456	Morris 14-26HSL2	37793				
15	Hawkinson 15-22H	31104						
16	Hawkinson 16-22HSL1	34354						
* red-color	ed wells are Section Line	wells.		•				
		Field	/ Area / Sections	with And	dress, Sandefer Group WI	/RI/ORR	I = 0%	
	Oakdale		Oakdale		Oakdale		Oakdale	
	Hawkinson		Morris		Whitman		Carson Peak	
Wellcount	Sections 22/27	NDIC#	Sections 23/26	NDIC#	Sections 34/3	NDIC#	Sections 35/2	NDIC#
1					Whitman 11-34H	17061	Carson Peak 44-2H	17079
2					Whitman FIU 4-34H1	38613	Carson Peak 4-35HSL	35272
3					Whitman FIU 5-34H	38499		
4					Whitman FIU 6-34H2	38500		
5					Whitman FIU 7-34H1	38494		
6					Whitman FIU 8-34H	38495		
7					Whitman FIU 9-34H2	38496		
8					Whitman FIU 10-34H	38497		
9					Whitman FIU 12-34H2	38532		
					Whitman FIU 13-34HSL1	38533		
10								
10 11								
11								
11 12								

Table 4. Wells by Area – cont'd

			Field / Are	a / Sect	ions with Andress,	Sandefe	er Group WI/RI and/or ORRI	> 0%		
	Bear Creek		Cedar Coule	e	Cedar Coule	e	Corral Creek		Corral Creek	
	Summerfield		Carus		Bang		Brandvik		State Weydahl	
Wellcount	Section 15	NDIC#	Sections 21/28	NDIC#	Sections 33/4	NDIC#	Sections 24/25	NDIC#	Sections 36/1	NDIC#
1	Summerfield 15-15H	18725	Carus 2-28H1	21974						
2	Summerfield 15H-1	28295	Carus 3-28H	37606						
3	Summerfield 15H-2	24515	Carus 4-28H1	35550						
4	Summerfield 15H-3	24516	Carus 5-28H	35549						
5	Summerfield 15H-4	24517	Carus 6-28H1	35548						
6	Summerfield 15H-5	27547	Carus 7-28H	35547						
7	Summerfield 15H-6	27546	Carus 8-28H1	35575						
8			Carus 9-28H	35576						
9			Carus 10-28H1	35577						
10			Carus 11-28H	35578						
11			Carus 12-28HSL1	35587						
12			Carus 13-28H	16648						
13			Carus 24-28H	16648						
14			Carus 14-28H1	37854						
15			Rodney 14-29HSL	37408						
16										
* red-color	ed wells are Section Li	ne wells.								
			Field /	Area / S	ections with Andre	ess, San	defer Group WI/RI/ORRI = 0	1%		
	Bear Creek		Cedar Coule	ee	Cedar Coule	e	Corral Creek		Corral Creek	
	Summerfield	_	Carus		Bang		Brandvik		State Weydahl	
Wellcount	Section 15	NDIC#	Sections 21/28	NDIC#	Sections 33/4	NDIC#				NDIC#
1		14010 11		14010 #				NDIC #		
		III III	,	III.	Bang 1-33H	16797	Brandvik 2-25H	19156	State Weydahl 44-36H	16510
2			,	NOIC II	Bang 1-33H Bang 2-33T	16797 18636	Brandvik 2-25H Brandvik 3-25H	19156 23784	State Weydahl 44-36H State Weydahl 2-36H	16510 23786
3			,		Bang 1-33H Bang 2-33T Bang 3-33H1	16797 18636 37941	Brandvik 2-25H Brandvik 3-25H Brandvik 4-25H1	19156 23784 23783	State Weydahl 44-36H State Weydahl 2-36H State Weydahl 3-36H1	16510 23786 23785
3					Bang 1-33H Bang 2-33T Bang 3-33H1 Bang 4-4H	16797 18636 37941 38677	Brandvik 2-25H Brandvik 3-25H Brandvik 4-25H1 Brandvik 5-25H1	19156 23784 23783 30365	State Weydahl 44-36H State Weydahl 2-36H State Weydahl 3-36H1 State Weydahl 4-36H1	16510 23786 23785 29555
3 4 5			,		Bang 1-33H Bang 2-33T Bang 3-33H1 Bang 4-4H Bang 5-4H1	16797 18636 37941 38677 38676	Brandvik 2-25H Brandvik 3-25H Brandvik 4-25H1 Brandvik 5-25H1 Brandvik 6-25H	19156 23784 23783 30365 30366	State Weydahl 44-36H State Weydahl 2-36H State Weydahl 3-36H1 State Weydahl 4-36H1 State Weydahl 5-36H1	16510 23786 23785 29555 30362
3 4 5 6			,		Bang 1-33H Bang 2-33T Bang 3-33H1 Bang 4-4H Bang 5-4H1 Bang 6-4H	16797 18636 37941 38677 38676 38675	Brandvik 2-25H Brandvik 3-25H Brandvik 4-25H1 Brandvik 5-25H1 Brandvik 6-25H Brandvik 7-25H2	19156 23784 23783 30365 30366 30367	State Weydahl 44-36H State Weydahl 2-36H State Weydahl 3-36H1 State Weydahl 4-36H1 State Weydahl 5-36H1 State Weydahl 6-36H	16510 23786 23785 29555 30362 30363
3 4 5 6 7					Bang 1-33H Bang 2-33T Bang 3-33H1 Bang 4-4H Bang 5-4H1 Bang 6-4H Bang 7-4H1	16797 18636 37941 38677 38676 38675 38674	Brandvik 2-25H Brandvik 3-25H Brandvik 4-25H1 Brandvik 5-25H1 Brandvik 6-25H Brandvik 6-25H Brandvik 7-25H2 Brandvik 8-25H1	19156 23784 23783 30365 30366 30367 32814	State Weydahl 44-36H State Weydahl 2-36H State Weydahl 3-36H1 State Weydahl 4-36H1 State Weydahl 5-36H1 State Weydahl 6-36H State Weydahl 7-36H2	16510 23786 23785 29555 30362 30363 30364
3 4 5 6 7 8					Bang 1-33H Bang 2-33T Bang 3-33H1 Bang 4-4H Bang 5-4H1 Bang 6-4H Bang 7-4H1 Bang 8-4H	16797 18636 37941 38677 38676 38675 38674 38673	Brandvik 2-25H Brandvik 3-25H Brandvik 4-25H1 Brandvik 5-25H1 Brandvik 6-25H Brandvik 6-25H Brandvik 7-25H2 Brandvik 8-25H1 Brandvik 9-25H	19156 23784 23783 30365 30366 30367 32814 32815	State Weydahl 44-36H State Weydahl 2-36H State Weydahl 3-36H1 State Weydahl 4-36H1 State Weydahl 5-36H1 State Weydahl 6-36H State Weydahl 7-36H2 State Weydahl 8-36H1	16510 23786 23785 29555 30362 30363 30364 32812
3 4 5 6 7 8					Bang 1-33H Bang 2-33T Bang 3-33H1 Bang 4-4H Bang 5-4H1 Bang 6-4H Bang 7-4H1 Bang 8-4H Bang 9-4H1	16797 18636 37941 38677 38676 38675 38674 38673 38606	Brandvik 2-25H Brandvik 3-25H Brandvik 3-25H Brandvik 4-25H1 Brandvik 6-25H Brandvik 6-25H Brandvik 7-25H2 Brandvik 8-25H1 Brandvik 9-25H Brandvik 10-25H2	19156 23784 23783 30365 30366 30367 32814 32815 32816	State Weydahl 44-36H State Weydahl 2-36H State Weydahl 3-36H1 State Weydahl 4-36H1 State Weydahl 5-36H State Weydahl 6-36H State Weydahl 8-36H2 State Weydahl 8-36H1 State Weydahl 8-36H1	16510 23786 23785 29555 30362 30363 30364 32812 32813
3 4 5 6 7 8 9					Bang 1-33H Bang 2-33T Bang 3-33H1 Bang 5-4H1 Bang 6-4H Bang 6-4H Bang 8-4H Bang 9-4H1 Bang 9-4H1	16797 18636 37941 38676 38676 38675 38674 38673 38606 38607	Brandvik 2-25H Brandvik 3-25H Brandvik 4-25H1 Brandvik 5-25H1 Brandvik 6-25H Brandvik 6-25H Brandvik 7-25H2 Brandvik 9-25H1 Brandvik 9-25H Brandvik 10-25H2 Brandvik 10-25H2 Brandvik 11-25H2	19156 23784 23783 30365 30366 30367 32814 32815 32816 32817	State Weydahl 44-36H State Weydahl 2-36H State Weydahl 3-36H1 State Weydahl 3-36H1 State Weydahl 5-36H1 State Weydahl 6-36H State Weydahl 7-36H2 State Weydahl 8-36H1 State Weydahl 9-36H State Weydahl 10-36H2	16510 23786 23785 29555 30362 30363 30364 32812 32813 32818
3 4 5 6 7 8 9 10					Bang 1-33H Bang 2-33T Bang 3-33H1 Bang 3-33H1 Bang 4-4H Bang 5-4H1 Bang 6-4H Bang 7-4H1 Bang 8-4H Bang 9-4H1 Bang 10-4H	16797 18636 37941 38677 38676 38675 38674 38673 38606 38607	Brandvik 2-25H Brandvik 3-25H Brandvik 4-25H1 Brandvik 6-25H1 Brandvik 6-25H Brandvik 7-25H2 Brandvik 8-25H1 Brandvik 9-25H Brandvik 10-25H2 Brandvik 10-25H2 Brandvik 10-25H2 Brandvik 10-25H2 Brandvik 10-25H2	19156 23784 23783 30365 30366 30367 32814 32815 32816 32817 37780	State Weydahl 44-36H State Weydahl 2-36H State Weydahl 3-36H1 State Weydahl 3-36H1 State Weydahl 5-36H1 State Weydahl 5-36H2 State Weydahl 5-36H2 State Weydahl 7-36H2 State Weydahl 8-36H1 State Weydahl 8-36H1 State Weydahl 3-36H2 State Weydahl 3-36H2 State Weydahl 11-36H2	16510 23786 23785 29555 30362 30363 30364 32812 32813 32818 32818
3 4 5 6 7 8 9 10 11					Bang 1-33H Bang 2-33T Bang 3-33H1 Bang 3-33H1 Bang 5-4H Bang 5-4H1 Bang 6-4H Bang 9-4H1 Bang 9-4H1 Bang 10-4H Bang 10-4H Bang 11-4H1 Bang 12-4H	16797 18636 37941 38677 38676 38675 38674 38673 38606 38607 38608	Brandvik 2-25H Brandvik 3-25H Brandvik 4-25H1 Brandvik 6-25H1 Brandvik 6-25H Brandvik 7-25H2 Brandvik 8-25H1 Brandvik 8-25H1 Brandvik 8-25H Brandvik 10-25H2 Brandvik 11-25H Brandvik 11-25H Brandvik 12-25H Brandvik 12-25H	19156 23784 23783 30365 30366 30367 32814 32815 32816 32817 37780 16460	State Weydahl 44-36H State Weydahl 2-36H State Weydahl 3-36H1 State Weydahl 3-36H1 State Weydahl 6-36H1 State Weydahl 6-36H State Weydahl 6-36H State Weydahl 8-36H1 State Weydahl 8-36H1 State Weydahl 9-36H State Weydahl 10-36H2 State Weydahl 11-36H State Weydahl 11-36H	16510 23786 23785 29555 30362 30363 30364 32812 32813 32818 32819 37779
3 4 5 6 7 8 9 10 11 12					Bang 1-33H Bang 2-33T Bang 3-33H1 Bang 3-33H1 Bang 5-4H Bang 5-4H1 Bang 6-4H Bang 7-4H1 Bang 8-4H Bang 9-4H1 Bang 10-4H Bang 11-4H1 Bang 11-4H1 Bang 13-4H1	16797 18636 37941 38677 38676 38675 38674 38607 38608 38609 38614	Brandvik 2-25H Brandvik 3-25H Brandvik 4-25H1 Brandvik 6-25H1 Brandvik 6-25H Brandvik 7-25H2 Brandvik 8-25H1 Brandvik 9-25H Brandvik 10-25H2 Brandvik 10-25H2 Brandvik 10-25H2 Brandvik 10-25H2 Brandvik 10-25H2	19156 23784 23783 30365 30366 30367 32814 32815 32816 32817 37780 16460	State Weydahl 44-36H State Weydahl 2-36H State Weydahl 3-36H State Weydahl 3-36H1 State Weydahl 3-36H1 State Weydahl 3-36H1 State Weydahl 3-36H2 State Weydahl 3-36H2 State Weydahl 3-36H1 State Weydahl 3-36H2 State Weydahl 13-36H State Weydahl 11-36H State Weydahl 11-36H Prairie Rose 1A MBH-ULW	16510 23786 23785 29555 30362 30363 30364 32812 32813 32818 32819 37779
3 4 5 6 7 8 9 10 11					Bang 1-33H Bang 2-33T Bang 3-33H1 Bang 3-33H1 Bang 5-4H Bang 5-4H1 Bang 6-4H Bang 9-4H1 Bang 9-4H1 Bang 10-4H Bang 10-4H Bang 11-4H1 Bang 12-4H	16797 18636 37941 38677 38676 38675 38674 38673 38606 38607 38608	Brandvik 2-25H Brandvik 3-25H Brandvik 4-25H1 Brandvik 6-25H1 Brandvik 6-25H Brandvik 7-25H2 Brandvik 8-25H1 Brandvik 8-25H1 Brandvik 8-25H Brandvik 10-25H2 Brandvik 11-25H Brandvik 11-25H Brandvik 12-25H Brandvik 12-25H	19156 23784 23783 30365 30366 30367 32814 32815 32816 32817 37780 16460	State Weydahl 44-36H State Weydahl 2-36H State Weydahl 3-36H1 State Weydahl 3-36H1 State Weydahl 6-36H1 State Weydahl 6-36H State Weydahl 6-36H State Weydahl 8-36H1 State Weydahl 8-36H1 State Weydahl 9-36H State Weydahl 10-36H2 State Weydahl 11-36H State Weydahl 11-36H	16510 23786 23785 29555 30362 30363 30364 32812 32813 32818 32819 37779

The Group <u>currently</u> has a Working Interest (WI), Revenue Interest (RI), and/or Overriding Royalty Interest (ORRI) in 66 of the 120 wells in the study area. The 54 wells that the Group does not own a WI, RI, or ORRI are listed in the bottom half of Tables 3 and 4. Normally a reserve report excludes wells with zero interest, but these 54 wells interfere with, are proximal analogies to, and/or may accrete Group interest in the future; as such, all of them are included. Furthermore, to account for historical production and forecast ultimate recovery by area, every well in each respective area must be included.

Section line wells are drilled to develop reserves located between contiguous lease-line setbacks. Spacing units created for section line (aka, lease line) wells are called "Overlapping Spacing Units" whereas normal spacing units are called "Underlying Spacing Units" or "Base Units." According to NDIC convention, whenever an Overlapping Spacing Unit spans fields with different names, both the Overlapping Spacing Unit and wells authorized therefrom are coded to the field whose name appears first alphabetically. Thus, the Overlapping Spacing Unit on the east side of Oakdale Field spans Oakdale and Corral Creek Fields; as such, both the Morris 14-26HSL2 and Carson Peak 14-35HSL2 section lines wells (and Overlapping Spacing Unit) are coded to the Corral Creek Field. The Overlapping Spacing Unit on the west side of Oakdale Field spans Oakdale and Cedar Coulee Fields; as such, both the Carus 12-28HSL1 and Bang FIU 14-4HSL section line wells (and Overlapping Spacing Unit) are coded to the Cedar Coulee Field. The Hawkinson 16-22HSL1, Morris 4-23HSL, Carson Peak 4-35HSL, and Whitman FIU 13-34HSL1 are all interior section line wells, which means they (and their respective Overlapping Spacing Units) are all coded to Oakdale Field. Lastly, certain Group members – or affiliates thereof – purely own an ORRI in the Carus area; as such, the Carus area ORRI for each Group member – or affiliate thereof – was excluded from this report.

### **ENGINEERING STUDY METHODOLOGY**

Production for all 120 wells in **Tables 3** and **4** was loaded into a PhDWin database. Pertinent completion information (e.g., TD, perforation length, number of frac stages, pounds of proppant pumped, barrels of water pumped, treating pressures, treating rates) was datamined from the NDOGD website for the six areas that Group members have interests (i.e., **Hawkinson**, **Morris**, **Whitman**, **Carson Peak**, **Carus**, and **Summerfield**). Datamining was not conducted for the three areas (i.e., **Bang**, **Brandvik**, and **State Weydahl**) where the Group has zero interest; however, **Appendix** C does show EUR's by well and which bench each lateral is landed for all nine areas.

After building production forecasts and loading pertinent economic information (e.g., price forecast, operating costs, capital costs, taxes, ownership information, etc), EUR's by well were generated. Next a series of 18 crossplots were generated to visualize historical completion practices and results (crossplots 1-8) and ascertain if any correlation(s) to EUR exist (crossplots 9-18). Crossplots generated are as follows:

- 1. Original Spud Date vs. Total Stimulation Treatment
- 2. Original Spud Date vs. Normalized Proppant (i.e., # of proppant / foot of perforations)
- 3. Original Spud Date vs. Proved (1P) Estimated Ultimate Recovery (EUR)
- 4. Original Spud Date vs. Normalized EUR (i.e., barrels oil / foot of perforations)
- 5. Original Spud Date vs. Maximum Surface Treatment Pressure

- 6. Original Spud Date vs. Toe Treating Pressure @ 0% Friction Reduction
- 7. Original Spud Date vs. Toe Treating Pressure @ 70% Friction Reduction
- 8. Original Spud Date vs. Maximum Treatment Rate (i.e., barrels of frac fluid / minute)
- 9. Normalized Proppant vs. Proved (1P) Estimated Ultimate Recovery (EUR)
- 10. Normalized Proppant vs. Normalized Estimated Ultimate Recovery (EUR)
- 11. Number of Frac Stages vs. Normalized Estimated Ultimate Recovery (EUR)
- 12. Normalized Frac Stages (i.e., foot of perforations / stage) vs. Normalized EUR
- 13. Frac Fluid Pumped vs. Proved (1P) Estimated Ultimate Recovery (EUR)
- 14. Normalized Frac Fluid Pumped (i.e., barrels of water / foot of perforations) vs. EUR
- 15. Maximum Surface Treatment Pressure vs. Normalized 1P EUR
- 16. Maximum Treatment Rate vs. Normalized 1P EUR
- 17. Toe Treating Pressure @ 0% Friction Reduction vs. Normalized 1P EUR
- 18. Toe Treating Pressure @ 70% Friction Reduction vs. Normalized 1P EUR

Visualizing historical completion results is straightforward. Conversely, discerning correlations to EUR is less straightforward given the sheer number of variables such as, but not limited to, varying frac procedures (treating rates and pressures), completion styles (openhole vs cased hole, sliding-sleeve vs plug-n-perf), additives (with or without friction reducers), interference (parent/child and child/child), wellbore geometry (toe-up vs toe-down, porpoising vs snaking), and geologic conditions (porosity, oil saturation, and natural vs artificial fractures). Even though the Group's dataset is not as holistic as an operator's would be, several themes are discernable as follows:

- Between 2007-2022, five generations of completions are evident within the **Standup 1280** spacing units; each generation is generally characterized by the following:
  - ▶ 1st Generation completions (2006-2009) are openhole single or dual laterals with 1 frac stage and stimulation treatments at  $\pm 33$  bbls/min and  $\pm 1$  million # of proppant.
  - ightharpoonup 2nd Generation completions (2010-2015) are cased hole laterals with 20-30 frac stages with stimulation treatments at  $\pm 36$  bbls/min and  $\pm 3$  million # proppant.
  - $\gt$  3<sup>rd</sup> Generation completions (2015-2020) are cased hole laterals with 26-61 frac stages with stimulation treatments at ±81 bbls/min and ±13.5 million # proppant.
  - ➤ 4<sup>th</sup> Generation completions (2020-2021) repeat 3<sup>rd</sup> Gen completions with slower treatments rates (±61 bbls/min) and smaller proppant pads (±10 million # proppant).
  - ▶ 5<sup>th</sup> Generation completions (2015-2022) combine 3<sup>rd</sup> Gen treatments rates (±82 bbls/min) with slightly smaller 4<sup>th</sup> Gen proppant pads (±9.5 million # proppant).
- The Summerfield area (640 spacing unit) was developed in two generations:
  - ➤ 1<sup>st</sup> Generation completion (2010) is a cased hole lateral with 14 frac stages and stimulation treatment at 45 bbls/min and 1.1 million # of proppant.
  - ightharpoonup 2nd Generation completions (2013-2014) are cased hole laterals with 20-25 frac stages with stimulation treatments at  $\pm 31$  bbls/min and  $\pm 2.5$  million # proppant.
- Starting with 2<sup>nd</sup> Generation and continuing to present, Continental began using a well naming scheme that identifies which bench (i.e., MB, TF1, TF2, or TF3) the well is landed. Specifically, if an "H" is by itself in the wellname, the well is landed in the Middle Bakken; if a number follows the "H", that represents which TF bench the well is landed. For instance, the Hawkinson 10-22H1 is landed in the TF1; Hawkinson 11-22H2 is landed in the TF2; Hawkinson 12-22H3 is landed in the TF3; and Hawkinson 13-22H is landed in the MB. Furthermore, the letters "SL" in the wellname signify a section-line (aka, lease-

- line) well. By way of example, the Carson Peak 14-35HSL2, which is a 4<sup>th</sup> Gen well, is a section-line well landed in the TF2 bench. Unfortunately, this intuitive well naming scheme was <u>NOT</u> employed for 1<sup>st</sup> Gen wells; as such, this technique does not work on the dozen Continental-operated wells from that generation. Likewise, Enerplus does not employ this intuitive well naming scheme on any of its wells in the Summerfield area.
- Performance within Standup 1280s conclusively proves material interference with prior generations which is a result of overdevelopment; performance within the Summerfield area does not show similar interference patterns.
- Normalizing is necessary. The Summerfield area only spans 1 section (aka, **640 spacing unit**), whereas all other areas span 2 sections (aka, **Standup 1280 spacing unit**). The average Summerfield well only has 4,579 ft of perforations versus 9,777 ft of perforations in Standup 1280s. Assuming all things equal, one expects Summerfield EUR's to be 47% (e.g., 4579'/9777') of Standup 1280s; however, Summerfield's EUR's are actually 81% (e.g., 400.7 kbo/493.8 kbo) of Standup 1280s.
- The two crossplots that indicate a strong correlation to EUR are crossplots 10 and 18.
- With respect to Crossplot 10 (Normalized Proppant vs. Normalized EUR): the Summerfield area shows the strongest correlation delivering 100+ bo/ft of perfs at 800+ lbs of proppant/ft of perfs. All other areas, which are Standup 1280s, have no correlation which is the result of significant interference between parent/child and child/child wells.
- With respect to Crossplot 18 (Toe Treating Pressure @ 70% Friction Reduction vs. Normalized 1P EUR): once again, the Summerfield area shows the strongest correlation delivering 80-100 bo/ft of perfs at 10,000-12,000 psi. The Summerfield wells likely did not employ a friction reducing agent that delivered a 70% reduction, but when compared to Crossplot 17 (i.e., 0% Friction Reduction), Summerfield wells still demonstrate an upward sloping trend. At 0% Friction Reduction, the best Summerfield well delivers 110 bo/ft of perfs at 6,025 psi. The true toe treating pressure is between these bookends. Assuming an average frac gradient of 0.8 psi/ft x 11,000' TVD, the frac initiation pressure would be 8,800 psi which means that the Summerfield wells employed a friction reducing agent of ±36% (e.g., (8,800-6,025)/(11,360-6,025)×0.7 = 0.36), which is very reasonable.
- In crossplots 10 and 18, the Hawkinson area wells show zero to negative correlation even though the Hawkinson wells are contiguous and adjacent to Summerfield. After much consideration, the most likely explanation is the Hawkinson area wells experienced mechanical issues during completion operations. During a video conference call with Continental staff on Monday, April 11, 2022, Continental's engineers expressly stated the Hawkinson area developed the 4 benches (e.g., MB, TF1, TF2, and TF3) by **stacking** wells vertically; however, Continental has since learned that stacking wells is suboptimal. As such, Continental now **staggers** (zigzags) all laterals between benches to reduce vertical interference, increase Stimulated Rock Volume (SRV), and generate higher EURs per well.

Pulling values from various crossplots, the optimized completion design is:

Item #	Parameter	Value	xref Crossplot #					
1	Normalized Stage (ft of perfs / stage)	275	12					
2	Normalized Proppant (# of proppant / ft of perfs)	900	9					
3	Normalized Frac Fluid Pumped (bw / ft of perfs)	20	14					
4	Toe Treatment Pressure (psig)	9000+	17 and 18					
5	Max Fluid Treatment Rate (bbls / min)	32	16					
Assume:	A) 2-section lateral with 9,777 ft of perfs							
	B) 4.5" 13.5 ppf P-110 BTC ERW Liner; Top @ 11,000' MD/TVD							
	C) 7" 32 ppf P-110 LTC ERW Intermediate Casing to surface							
	D) Well TD is 21,600' MD	T						
6	# of Stages (9,777 / 275 ft per stage = 32.5)	35.5	36 @ 272'					
7	# of Proppant (900 #/ft x 272 ft)	244,800	per Stage					
8	Bbls Frac Fluid (20 bw/ft x 272 ft)	5,440	per Stage					
9	Gals Frac Fluid (20 bw/ft x 272 ft x 42 gal/bw)	228,480	per Stage					
10	Average # of proppant / gal fluid	1.07	slickwater					
11	Surface Treatment Pressure: 9,500 psig (76% of Bu	ırst)						
	+ Hydrostatic Head: 1.07 # prop/gal ≈ 1.076 g/cc							
	$(1.076 \text{ g/cc} \times 0.433 \text{ psi/ft} \approx 0.466 \text{ psi/ft} \times 11,000 \text{ TVD}) = 5,126 \text{ psi}$							
	Surface Treatment Pressure + Hydrostatic = 14,626 psig (if static)							
	Safatra Factoria							
	Safety Factor:  4.5" @ Liner Top @ 85% of Burst = 12.410 psig × 0.85 = 10.540 psig							
	4.5" @ Liner Top @ 85% of Burst = 12,410 psig × 0.85 = 10,549 psig 7" @ Liner Top @ 85% of Burst = 12,460 psig × 0.85 = 10,591 psig							
	$7  (iii) Liner Top (iii) 65.76 of Burst - 12,400 psig \times 0.85 = 10,391 psig$							
	0% Friction Reducer @ 32 bbls/min:							
	$\Delta P_f$ inside 7" = 542 psi (from Surface $\rightarrow$ 11,000') × 0% FR = 542 psi							
	$+ \Delta P_f$ inside 4.5" = 5,049 psi (11,000' → Toe @ 21,600') × 0% FR = 5049 psi							
	Total $\Delta P_f = 542 + 5049 = 5,591$ psi							
	Toe Treatment Pressure = $14,626 \text{ psig} - 5,591 \text{ psi} = 9,035 \text{ psig}$							
	QED: this design works because the Toe Treatment Pressure is above the							
	expected frac gradient of 8800 psi (TVD x 0.8 psi/ft).							
	ran, a markan	,						
	70% Friction Reducer @ 80 bbls/min:							
	$\Delta P_{\rm f}$ inside 7" = 3274 psi (from Surface $\rightarrow$ 11,000') × (1-0.7) = 982 psi							
	$+\Delta P_{\rm f}$ inside 4.5" = 31,040 psi (11,000' $\rightarrow$ Toe @ 21,600') $\times$ (1-0.7) = 9312 psi							
	$Total \Delta P_f = 982 + 9312 = 10,294 \text{ psi}$							
	Toe Treatment Pressure = $14,626 \text{ psig} - 10,294 \text{ psi} = 4,332 \text{ psig}$							
	QED: this design fails because the Toe Treatment Pressure is below the expected							
	frac gradient; as such, the toe-half of the lateral will be pumped at lower rates to							
	exceed the expected frac gradient in addition to FR contaminating formation.							
	Total # of Proppant = 36 stages x 244,800 #/stage = 8,812,800 #							
	Total Frac Fluid = 36 stages x 5,440 bw/stage = 195,840 bbls water							
	Total Frac Fluid = 36 stages x 228,480 gal/stage = 8,225,280 gals water							
	10.001110011010 50 510205 A 220,700 gai/stage = 0	0,220,200 g	415 114101					

#### SUMMARY AND CONCLUSIONS

**Table 5** shows a comparison of 1<sup>st</sup> through 5<sup>th</sup> Generation results for Standup 1280s.

	Tuble 3. Statut 1200 Typecarves by Generation							
	Proppant	Treating	Avg 1 <sup>st</sup>	Initial	Hyperbolic	Oil	Years to	
Gen	(million	Rate	Month IP	Decline	Exponent	EUR*	Recover	
	pounds)	(bbl/min)	(BOPD)	(%/yr)	(b)	(Mbo)	EUR	
1 <sup>st</sup>	±1	±33	~350	54%	1.0	~480	30	
2 <sup>nd</sup>	±3	±36	~630	78%	1.0	~566	30	
3 <sup>rd</sup>	±13.5	±81	~1000	59%	0.2	~545	11	
4 <sup>th</sup>	±10	±61	~1060	70%	0.2	~440	10	
5 <sup>th</sup>	±9.5	±82	~1000	70%	0.33	~490	12	

Table 5. Standup 1280 Typecurves by Generation

Advancing from 1<sup>st</sup> to 3<sup>rd</sup> Generation completion practices coincided with rapid increases in both proppant pads (from 1 to 13.5 million pounds) and treating rates (from 33 to 81 barrels per minute) with minor improvements in EUR (from 480 to 545 Mbo). However, the driving factor for this progress was acceleration of reserves, in other words, reducing the number of years to recover said reserves from 30 to 12 years has a material positive impact upon financial metrics.

Moreover, **Table 5** shows 3<sup>rd</sup> Gen completions overshot optimal proppant pad size and treatment rates as its EUR dipped below 2<sup>nd</sup> Gen EUR. As such, 4<sup>th</sup> Gen completions dialed back proppant and treating rates but resulted in negative consequences; however, 5<sup>th</sup> Gen completions were able to recover half of the 4<sup>th</sup> Gen EUR drop simply by increasing the treating rate. Although 3<sup>rd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> Gen EURs are lower than 2<sup>nd</sup> Gen EURs, accelerating reserves mitigates that point for Standup 1280s. Unfortunately, the table above is silent on how Standup 1280s compare to 640s; **Table 6** rectifies that oversight.

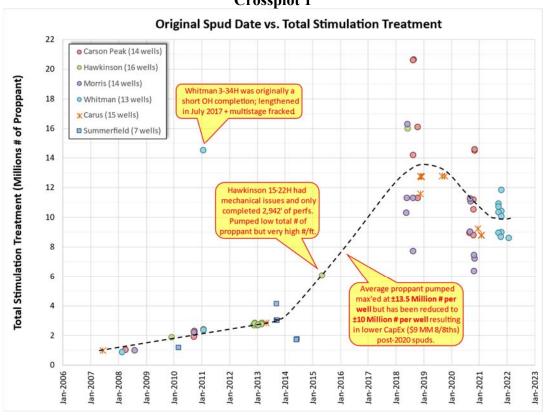
Table 6. 5th Gen Standup 1280 vs 2nd Gen 640

Gen	Proppant (million pounds)	Treating Rate (bbl/min)	Avg 1 <sup>st</sup> Month IP (BOPD)	Initial Decline (%/yr)	Hyperbolic Exponent (b)	Oil EUR* (Mbo)	Years to Recover EUR
5 <sup>th</sup> Gen S/up 1280	±9.5	±82	~1000	70%	0.33	~490	12
2 <sup>nd</sup> Gen 640	±2.5	±31	~710	92.5%	1.0	~404	27

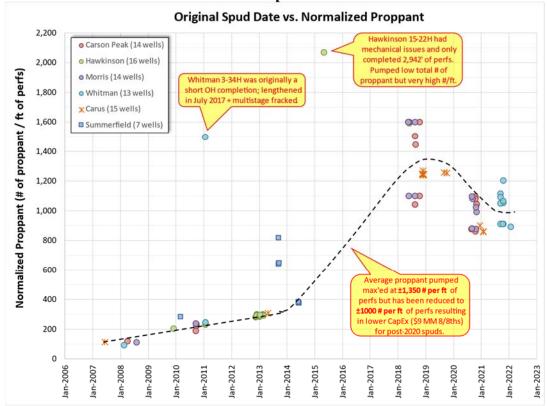
In closing, based upon the 120 wells covering 17 sections in this study, drilling two 640s (AFE = \$6 million per well) is more economical than drilling one Standup 1280 (AFE = \$9 million per well). Said differently, even though a Standup 1280 can recover ~490 Mbo in 12 years, two 640s would recover ~808 Mbo in 27 years. The incremental 318 Mbo produced via two 1-mile-long laterals generates an additional \$12.1 million Undiscounted Future Net Revenue or \$4.1 million Discounted @ 10% when applying the same price forecast, cost parameters, and incremental capital investment for two 1-mile-long laterals vs one 2-mile-long lateral.

<sup>\*</sup>Mbo = thousands of barrels of oil

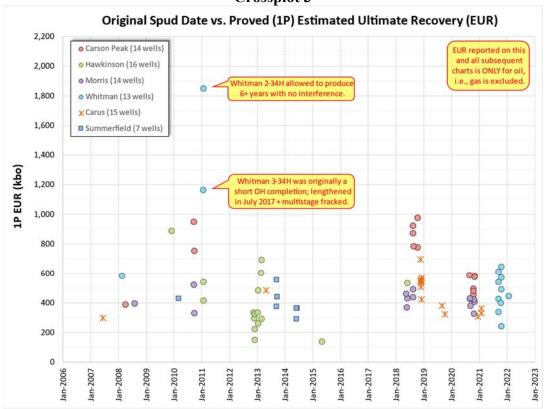
**Crossplot 1** 



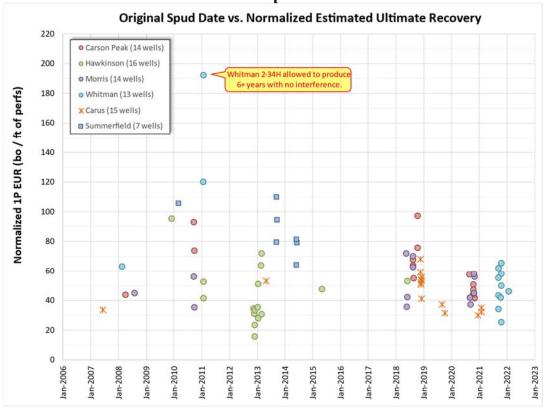




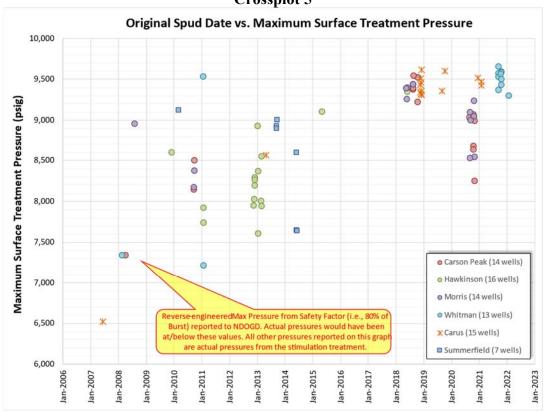
**Crossplot 3** 



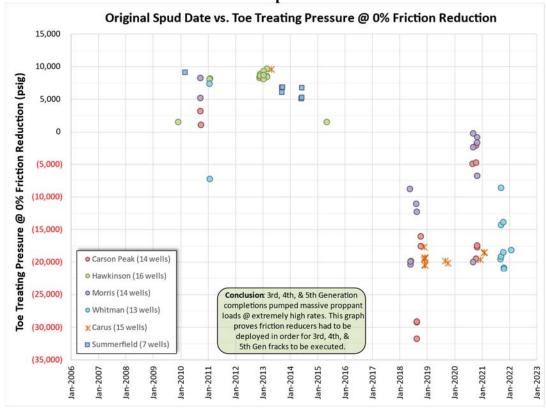
**Crossplot 4** 



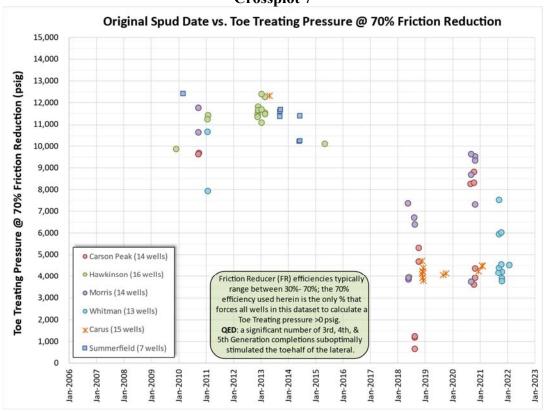
**Crossplot 5** 



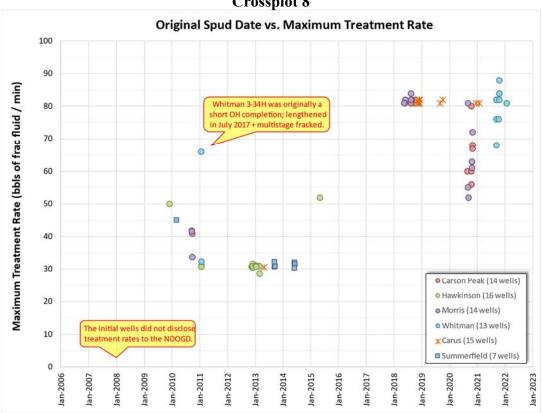
**Crossplot 6** 



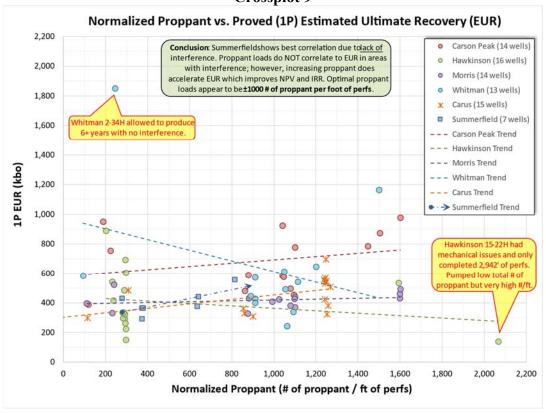
**Crossplot 7** 



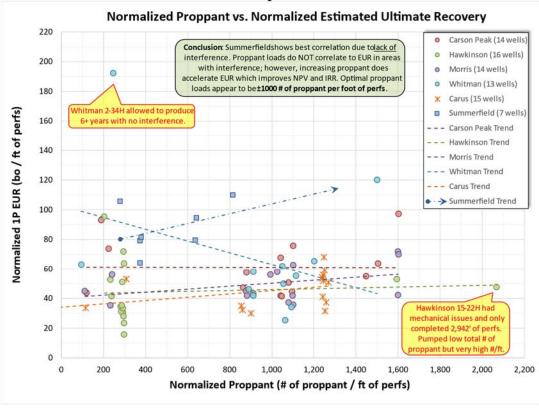
**Crossplot 8** 



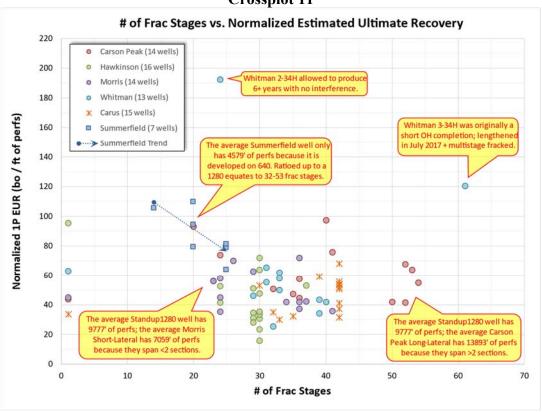
**Crossplot 9** 



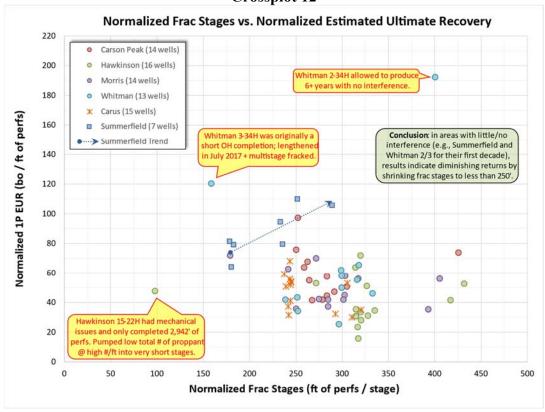




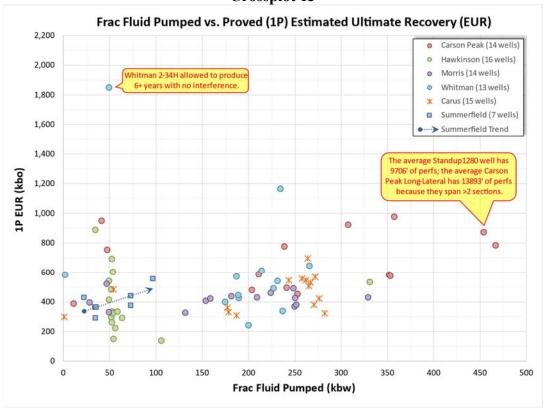
**Crossplot 11** 



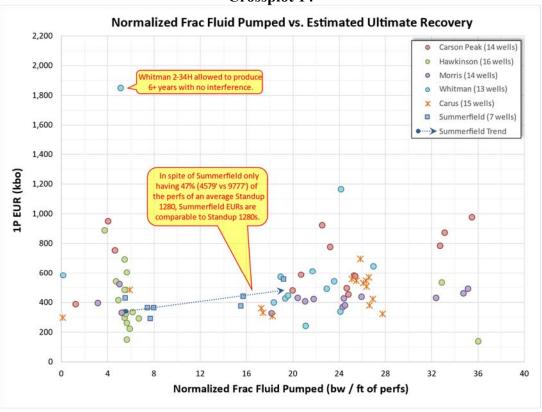




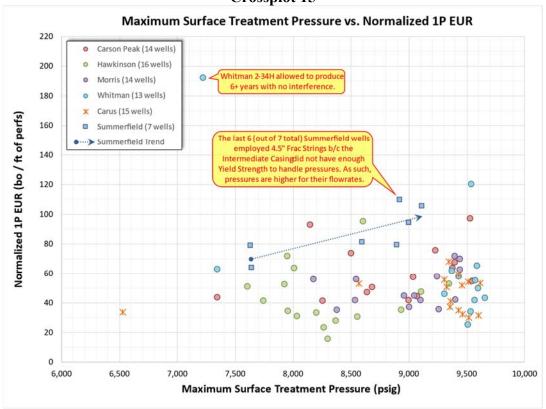
**Crossplot 13** 



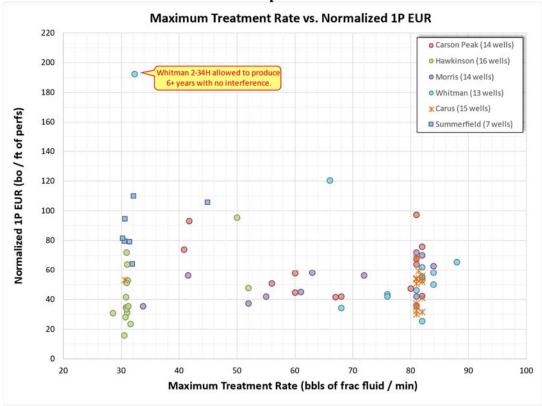
**Crossplot 14** 



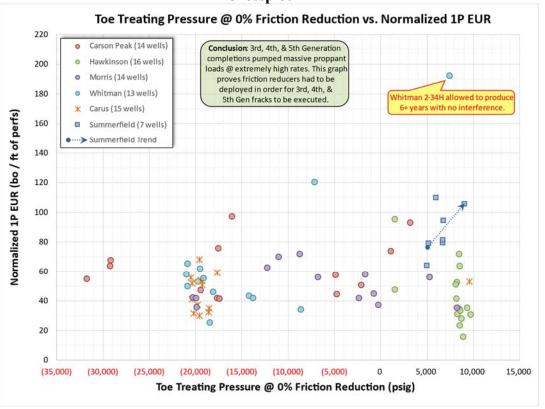
**Crossplot 15** 



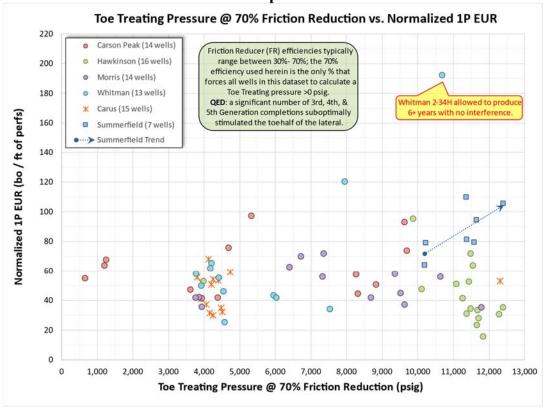




**Crossplot 17** 







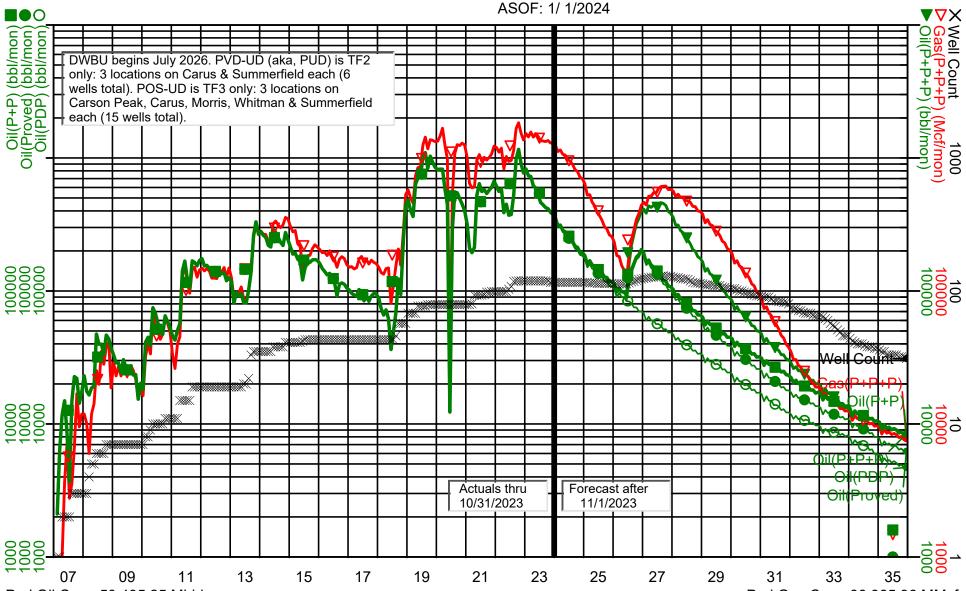
## APPENDIX A

## GROSS (8/8ths) HISTORICAL AND FORECASTED PRODUCTION (log) vs TIME

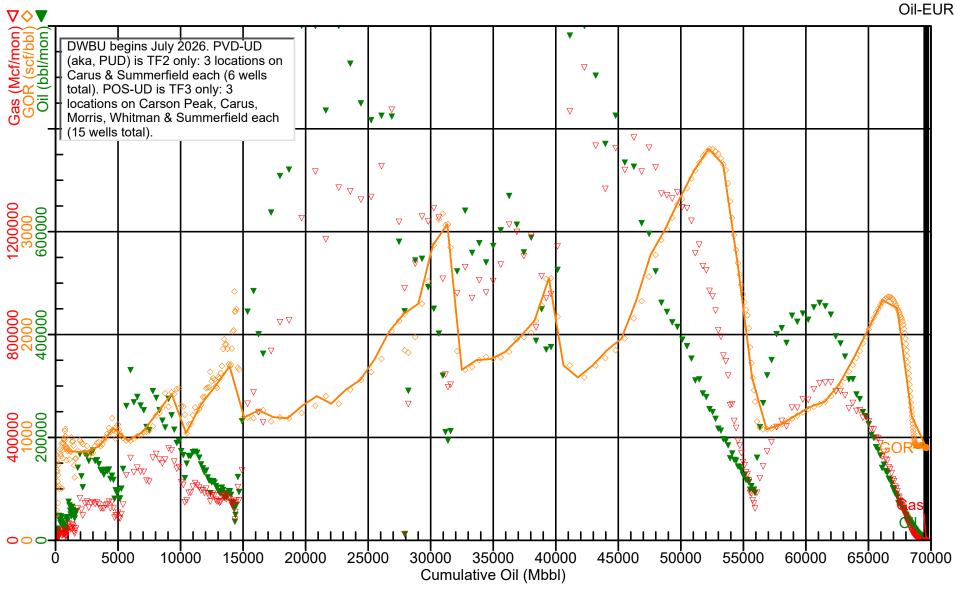
GROSS (8/8ths) HISTORICAL AND FORECASTED PRODUCTION vs CUMULATIVE OIL

GROSS (8/8ths) HISTORICAL AND FORECASTED PRODUCTION (log) vs CUMULATIVE OIL

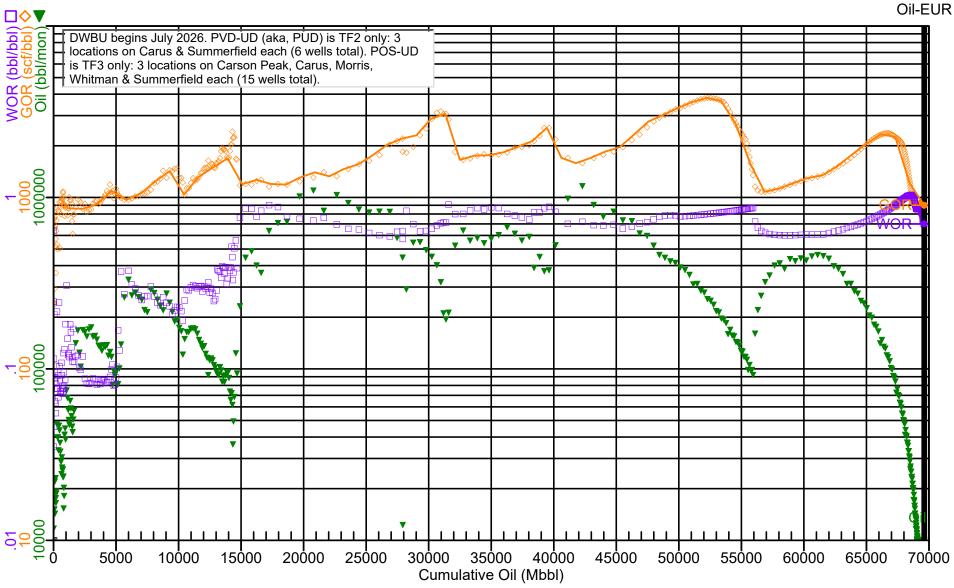
Case Name: 3P Stack Plot Reservoir: MB+TF1+TF2+TF3



Proj Oil Cum: 50,495.25 Mbbl Oil Rem: 19,127.63 Mbbl Oil EUR: 69,622.88 Mbbl Proj Gas Cum: 86,365.96 MMcf Gas Rem: 38,307.67 MMcf Gas EUR: 124,673.63 MMcf Case Name: 3P Stack Plot Reservoir: MB+TF1+TF2+TF3



Proj Oil Cum: 50,495.25 Mbbl Oil Rem: 19,127.63 Mbbl Oil EUR: 69,622.88 Mbbl Proj Gas Cum: 86,365.96 MMcf Gas Rem: 38,307.67 MMcf Gas EUR: 124,673.63 MMcf Case Name: 3P Stack Plot Reservoir: MB+TF1+TF2+TF3



Proj Oil Cum: 50,495.25 Mbbl Oil Rem: 19,127.63 Mbbl Oil EUR: 69,622.88 Mbbl Proj Gas Cum: 86,365.96 MMcf Gas Rem: 38,307.67 MMcf Gas EUR: 124,673.63 MMcf

# APPENDIX B 1LINERS by RESERVE CLASS AND CATEGORY

1/25/2024 ANDRESS SANDEFER ET AL CURRENT INTEREST

		GR0	OSS RESERV	ES	NE	T RESERVE	S	GRO	OSS REVENU	E	NET	TOTAL	NET CAP	OPERATING	NET	CUM P.W.
PHDWIN	LEAGENAME	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	PROFITS	TAXES	COST	EXPENSE	REVENUE	10 %
ID PROVED R	LEASE NAME ESERVES	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$
	IG RESERVES															
00004	CARSON PEAK 44-2H	8.2	0.0	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00004	CARSON PEAK 2-35H	6.7	0.0	9.2	0.4	0.0	0.5	31.5	0.0	1.5	0.0	3.6	10.6	21.7	-2.9	-0.2
00001	CARSON PEAK 3-35H	38.1	0.0	53.6	2.3	0.0	3.0	179.1	0.0	8.8	0.0	20.7	10.6	51.3	105.4	94.6
00003	CARSON PEAK 4-35HSL	94.1	0.0	186.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00005	CARSON PEAK 5-35H2	45.7	0.0	67.4	2.7	0.0	3.7	212.7	0.0	11.0	0.0	24.6	10.5	53.0	135.6	122.3
00006	CARSON PEAK 6-35H1	117.5	0.0	207.6	5.0	0.0	8.4	397.2	0.0	24.6	0.0	46.0	7.6	54.3	313.8	278.3
00007	CARSON PEAK 7-35H	108.0	0.0	289.0	4.6	0.0	11.7	365.1	0.0	34.2	0.0	42.5	7.6	53.7	295.5	263.5
00008	CARSON PEAK 8-35H2	97.9	0.0	141.2	4.2	0.0	5.7	330.8	0.0	16.7	0.0	38.3	7.6	48.9	252.8	228.4
00009	CARSON PEAK 9-35H	96.5	0.0	336.4	5.7	0.0	18.8	450.7	0.0	55.0	0.0	52.6	10.5	62.5	380.2	345.7
00010	CARSON PEAK 10-35H1	85.6	0.0	260.6	5.1	0.0	14.5	399.5	0.0	42.6	0.0	46.5	10.5	70.8	314.2	278.8
00011	CARSON PEAK 11-35H2	79.4	0.0	159.3	4.7	0.0	8.9	370.6	0.0	26.0	0.0	43.0	10.5	65.7	277.4	247.4
00012	CARSON PEAK 12-35H1	54.2	0.0	175.4	3.2	0.0	9.8	252.8	0.0	28.7	0.0	29.5	10.5	51.3	190.2	173.4
00013	CARSON PEAK 13-35H	66.7	0.0	173.1	4.0	0.0	9.7	311.7	0.0	28.3	0.0	36.2	10.5	61.2	232.0	208.4
00014	CARSON PEAK 14-35HSL2	70.4	0.0	184.6	2.1	0.0	5.1	164.4	0.0	15.1	0.0	19.1	5.3	31.1	124.1	111.5
00015	HAWKINSON 1-22H	126.9	0.0	153.6	10.7	0.0	12.2	843.2	0.0	35.7	0.0	97.5	15.1	347.7	418.7	221.7
00016	HAWKINSON 2-27H	31.2	0.0	34.1	1.6	0.0	1.6	125.6	0.0	4.8	0.0	14.5	9.1	53.1	53.7	47.2
00017	HAWKINSON 3-27H	13.2	0.0	27.8	0.7	0.0	1.3	52.7	0.0	3.9	0.0	6.1	9.1	36.1	5.3	7.5
00018	HAWKINSON 4-22H2	122.3	0.0	205.6	15.1	0.0	23.9	1,187.1	0.0	69.9	0.0	137.5	22.1	311.9	785.6	571.8
00019	HAWKINSON 5-22H	111.9	0.0	137.7	11.8	0.0	13.7	932.1	0.0	40.2	0.0	107.8	19.0	295.9	549.7	362.6
00020	HAWKINSON 6-22H3	32.7	0.0	44.0	5.6	0.0	7.1	440.6	0.0	20.7	0.0	51.0	31.0	241.8	137.5	118.1
00021	HAWKINSON 7-22H2	58.9	0.0	62.6	6.5	0.0	6.5	515.1	0.0	19.2	0.0	59.5	20.3	222.5	231.9	171.1
00022	HAWKINSON 8-22H	10.0	0.0	31.8	0.9	0.0	2.7	70.5	0.0	7.8	0.0	8.2	16.1	48.5	5.5	9.7
00023	HAWKINSON 9-22H3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.4	3.8	-23.2	-19.8
00024	HAWKINSON 10-22H1	8.4	0.0	12.3	0.7	0.0	1.0	57.5	0.0	3.0	0.0	6.7	15.6	46.1	-7.8	-2.6
00025	HAWKINSON 11-22H2	21.5	0.0	57.6	2.3	0.0	5.9	183.2	0.0	17.2	0.0	21.3	19.4	87.9	71.7	68.2
00026	HAWKINSON 12-22H3	74.4	0.0	84.5	10.8	0.0	11.5	846.6	0.0	33.6	0.0	97.8	26.0	285.3	471.1	376.1
00027	HAWKINSON 13-22H	121.6	0.0	138.3	12.7	0.0	13.6	1,000.4	0.0	39.8	0.0	115.6	18.7	313.8	592.1	385.7
00028	HAWKINSON 14-22H2	9.7	0.0	18.8	1.2	0.0	2.3	97.2	0.0	6.6	0.0	11.3	22.8	80.8	-11.1	-3.0
00029	HAWKINSON 15-22H	16.9	0.0	95.3	1.8	0.0	9.4	139.6	0.0	27.6	0.0	16.4	18.8	52.3	79.7	78.0
00030	HAWKINSON 16-22HSL1	62.8	0.0	136.9	7.0	0.0	14.2	546.9	0.0	41.7	0.0	63.5	19.7	162.1	343.3	293.6
00200	CARUS 2-28H1	116.3	0.0	125.1	0.6	0.0	0.6	49.5	0.0	1.9	0.0	5.7	0.9	16.5	28.1	18.2
00050	CARUS 3-28H	42.0	0.0	146.2	0.2	0.0	0.7	17.9	0.0	2.2	0.0	2.1	0.9	4.0	13.1	12.2
00051	CARUS 4-28H1	31.9	0.0	49.4	0.2	0.0	0.3	13.6	0.0	0.7	0.0	1.6	0.9	4.0	7.8	7.3
00052	CARUS 5-28H	51.2	0.0	91.3	0.3	0.0	0.5	21.8	0.0	1.4	0.0	2.5	0.9	5.0	14.7	13.3
00053	CARUS 6-28H1	45.1	0.0	77.8	0.2	0.0	0.4	19.3	0.0	1.2	0.0	2.2	0.9	5.4	11.8	10.7
00054	CARUS 7-28H	43.0	0.0	72.5	0.2	0.0	0.4	18.3	0.0	1.1	0.0	2.1	0.9	5.4	11.0	9.7

1/25/2024 ANDRESS SANDEFER ET AL CURRENT INTEREST

		GRO	OSS RESERV	ES	NI	ET RESERVE	S	GRO	OSS REVENU	Е	NET	TOTAL	NET CAP	OPERATING	NET	CUM P.W.
PHDWIN	T T L GE 27 L ME	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	PROFITS	TAXES	COST	EXPENSE	REVENUE	10 %
ID PROVED R	LEASE NAME ESERVES CONTINUED	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$
	IG RESERVES CONTINUED															
00055	CARUS 8-28H1	29.7	0.0	62.6	0.2	0.0	0.3	12.7	0.0	0.9	0.0	1.5	0.9	3.8	7.4	6.9
00056	CARUS 9-28H	81.1	0.0	218.5	0.4	0.0	1.1	34.6	0.0	3.3	0.0	4.0	0.9	8.2	24.7	21.0
00057	CARUS 10-28H1	33.2	0.0	193.0	0.2	0.0	1.0	14.2	0.0	2.9	0.0	1.7	0.9	4.1	10.4	9.8
00057	CARUS 11-28H	42.2	0.0	66.5	0.2	0.0	0.3	18.0	0.0	1.0	0.0	2.1	0.9	5.8	10.4	9.0
00031	CARUS 12-28HSL1	117.7	0.0	287.8	4.4	0.0	10.0	343.1	0.0	29.4	0.0	39.9	6.6	81.0	244.9	194.8
00051	CARUS 13-28H	68.8	0.0	127.7	0.4	0.0	0.6	29.2	0.0	1.9	0.0	3.4	0.9	6.9	19.9	17.3
00060	CARUS 14-28H1	39.1	0.0	104.3	0.2	0.0	0.5	16.7	0.0	1.6	0.0	1.9	0.9	4.1	11.2	10.5
00061	RODNEY 14-29HSL	60.5	0.0	182.6	0.2	0.0	0.5	12.9	0.0	1.4	0.0	1.5	0.5	3.0	9.3	8.4
00032	MORRIS 1-23H	3.9	0.0	9.5	0.2	0.0	0.4	15.0	0.0	1.3	0.0	1.7	8.7	12.3	-6.5	-4.5
00033	MORRIS 2-26H	5.5	0.0	11.5	0.3	0.0	0.6	25.8	0.0	1.9	0.0	3.0	10.6	20.4	-6.3	-3.4
00034	MORRIS 3-26H	2.0	0.0	10.1	0.1	0.0	0.6	9.6	0.0	1.7	0.0	1.1	10.6	8.1	-8.5	-6.6
00035	MORRIS 4-23HSL	30.1	0.0	52.4	3.3	0.0	5.4	262.3	0.0	16.0	0.0	30.4	19.7	97.3	130.9	120.3
00036	MORRIS 5-23H2	38.5	0.0	58.1	2.3	0.0	3.2	179.9	0.0	9.5	0.0	20.8	10.5	69.5	88.6	77.7
00037	MORRIS 6-23H	46.4	0.0	125.4	2.8	0.0	7.0	217.2	0.0	20.5	0.0	25.3	10.5	65.2	136.7	122.6
00038	MORRIS 7-26H2	35.6	0.0	98.3	1.5	0.0	4.0	120.3	0.0	11.6	0.0	14.0	7.6	39.0	71.3	65.8
00039	MORRIS 8-26H1	58.4	0.0	106.7	3.5	0.0	5.9	271.7	0.0	17.4	0.0	31.5	10.5	75.2	171.9	150.4
00040	MORRIS 9-26H	122.0	0.0	277.2	7.2	0.0	15.5	569.4	0.0	45.3	0.0	66.1	10.5	133.0	405.1	319.6
00041	MORRIS 10-26H2	76.3	0.0	154.6	4.5	0.0	8.6	356.1	0.0	25.3	0.0	41.3	10.5	104.1	225.5	184.3
00042	MORRIS 11-26H	102.6	0.0	220.2	6.1	0.0	12.3	479.0	0.0	36.0	0.0	55.6	10.5	119.9	329.0	262.7
00043	MORRIS 12-26H1	97.9	0.0	247.0	5.8	0.0	13.8	457.2	0.0	40.4	0.0	53.1	10.5	110.3	323.6	266.0
00044	MORRIS 13-26H	92.0	0.0	251.2	5.5	0.0	14.0	429.4	0.0	41.0	0.0	49.9	10.5	99.5	310.5	258.7
00045	MORRIS 14-26HSL2	89.1	0.0	251.8	2.6	0.0	7.0	207.9	0.0	20.6	0.0	24.2	5.3	46.7	152.4	130.1
00112	SUMMERFIELD 15-15H	27.6	0.0	48.3	0.1	0.0	0.2	9.6	0.0	0.6	0.0	1.1	0.8	4.5	3.8	3.4
00113	SUMMERFIELD 15H-1	30.4	0.0	49.8	0.2	0.0	0.3	13.0	0.0	0.7	0.0	1.5	0.9	5.5	5.8	5.1
00114	SUMMERFIELD 15H-2	51.3	0.0	76.6	0.6	0.0	0.8	43.7	0.0	2.3	0.0	5.1	1.9	12.1	27.0	23.0
00115	SUMMERFIELD 15H-3	49.1	0.0	57.7	0.5	0.0	0.6	41.9	0.0	1.7	0.0	4.8	1.9	15.2	21.7	17.3
00116	SUMMERFIELD 15H-4	60.1	0.0	77.1	0.7	0.0	0.8	51.2	0.0	2.3	0.0	5.9	1.9	16.7	29.0	22.5
00117	SUMMERFIELD 15H-5	52.6	0.0	56.6	0.6	0.0	0.6	44.9	0.0	1.7	0.0	5.2	1.9	15.5	24.0	18.9
00118	SUMMERFIELD 15H-6	50.5	0.0	56.9	0.5	0.0	0.6	43.1	0.0	1.7	0.0	5.0	1.9	15.6	22.4	17.8
00046	WHITMAN 11-34H	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00047	WHITMAN 2-34H	32.9	0.0	40.5	1.7	0.0	1.9	132.5	0.0	5.7	0.0	15.3	9.1	35.7	78.1	71.3
00048	WHITMAN 3-34H	35.3	0.0	45.6	1.8	0.0	2.2	141.0	0.0	6.4	0.0	16.3	9.1	34.8	87.2	81.7
00188	WHITMAN FIU 4-34H1	105.6	0.0	351.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00189	WHITMAN FIU 5-34H	161.0	0.0	439.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00190	WHITMAN FIU 6-34H2	147.8	0.0	469.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00191	WHITMAN FIU 7-34H1	160.8	0.0	509.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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		GRO	OSS RESERV	ES	NI	ET RESERVE	S	GRO	OSS REVENU	Е	NET	TOTAL	NET CAP	OPERATING	NET	CUM P.W.
PHDWIN	VELOENAL ME	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	PROFITS	TAXES	COST	EXPENSE	REVENUE	10 %
ID PROVED R	LEASE NAME ESERVES CONTINUED	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$
	G RESERVES CONTINUED															
00192	WHITMAN FIU 8-34H	129.1	0.0	305.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00193	WHITMAN FIU 9-34H2	144.3	0.0	420.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00194	WHITMAN FIU 10-34H	102.5	0.0	203.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00195	WHITMAN FIU 12-34H2	133.9	0.0	224.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00196	WHITMAN FIU 13-34HSL1	87.1	0.0	180.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00205	BANG 1-33H	70.5	0.0	169.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00206	BANG 2-33T	44.9	0.0	48.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00207	BANG 3-33H1	45.3	0.0	151.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00208	BANG 4-4H	81.2	0.0	247.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00209	BANG 5-4H1	102.2	0.0	269.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00210	BANG 6-4H	97.2	0.0	312.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00211	BANG 7-4H1	80.8	0.0	262.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00212	BANG 8-4H	55.2	0.0	194.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00213	BANG 9-4H1	88.5	0.0	233.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00214	BANG 10-4H	66.0	0.0	222.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00215	BANG 11-4H1	86.5	0.0	279.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00216	BANG 12-4H	43.3	0.0	150.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00217	BANG 13-4H1	74.0	0.0	234.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00218	BANG FIU 14-4HSL	103.0	0.0	334.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00219	GALE 14-32HSL	75.9	0.0	246.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00231	BRANDVIK 14-24H	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00220	BRANDVIK 2-25H	81.1	0.0	103.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00221	BRANDVIK 3-25H	133.4	0.0	144.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00222	BRANDVIK 4-25H1	53.6	0.0	61.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00223	BRANDVIK 5-25H1	66.0	0.0	75.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00224	BRANDVIK 6-25H	122.3	0.0	183.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00225	BRANDVIK 7-25H2	55.9	0.0	97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00226	BRANDVIK 8-25H1	23.0	0.0	73.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00227	BRANDVIK 9-25H	19.5	0.0	92.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00228	BRANDVIK 10-25H2	109.1	0.0	305.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00229	BRANDVIK 11-25H	79.3	0.0	116.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00230	BRANDVIK 12-25H	77.2	0.0	249.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00232	MERIWETHER 1A MBH-ULW	68.0	0.0	96.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00233	STATE WEYDAHL 44-36H	2.4	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00234	STATE WEYDAHL 2-36H	70.7	0.0	74.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00235	STATE WEYDAHL 3-36H1	39.9	0.0	66.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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		GRO	OSS RESERV	ES	NE	ET RESERVES	S	GRO	OSS REVENU	Е	NET	TOTAL	NET CAP	OPERATING	NET	CUM P.W.
PHDWIN	LEAGENAME	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	PROFITS	TAXES	COST	EXPENSE	REVENUE	10 %
ID PROVED R	LEASE NAME ESERVES CONTINUED	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$
	G RESERVES CONTINUED															
00236	STATE WEYDAHL 4-36H1	206.7	0.0	237.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00237	STATE WEYDAHL 5-36H1	18.8	0.0	25.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00238	STATE WEYDAHL 6-36H	61.6	0.0	75.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00239	STATE WEYDAHL 7-36H2	104.3	0.0	125.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00240	STATE WEYDAHL 8-36H1	53.7	0.0	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00241	STATE WEYDAHL 9-36H	113.1	0.0	298.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00242	STATE WEYDAHL 10-36H2	81.6	0.0	266.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00243	STATE WEYDAHL 11-36H	58.8	0.0	173.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00244	STATE WEYDAHL 12-36H	129.5	0.0	251.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00245	PRAIRIE ROSE 1A MBH-ULW	70.5	0.0	114.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00257	DVIRNAK 10-7HSL1	149.1	0.0	193.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PROVED D	EVELOPED PRODUCING ALL	8,118.4	0.0	17,677.2	193.8	0.0	350.3	15,248.1	0.0	1,026.2	0.0	1,767.7	608.4	4,528.5	9,369.6	7,592.0
PROVED R	ESERVES															
UNDEVELO	OPED RESERVES															
00142	CARUS TF2 LOC1	455.3	0.0	812.1	2.5	0.0	4.1	194.3	0.0	12.1	0.0	22.5	43.4	17.0	123.5	77.9
00143	CARUS TF2 LOC2	455.3	0.0	812.1	2.5	0.0	4.1	194.3	0.0	12.1	0.0	22.5	43.4	17.0	123.5	77.2
00144	CARUS TF2 LOC3	455.3	0.0	812.1	2.5	0.0	4.1	194.3	0.0	12.1	0.0	22.5	43.4	17.0	123.5	76.6
00176	SUMMERFIELD TF2 LOC1	363.1	0.0	648.6	3.9	0.0	6.6	309.8	0.0	19.4	0.0	35.9	65.6	29.1	198.5	123.3
00177	SUMMERFIELD TF2 LOC2	363.1	0.0	648.6	3.9	0.0	6.6	309.8	0.0	19.4	0.0	35.9	65.6	29.1	198.5	122.3
00178	SUMMERFIELD TF2 LOC3	363.1	0.0	648.6	3.9	0.0	6.6	309.8	0.0	19.4	0.0	35.9	65.6	29.1	198.5	121.3
PROVED U	NDEVELOPED ALL	2,455.3	0.0	4,382.2	19.2	0.0	32.3	1,512.1	0.0	94.5	0.0	175.2	326.9	138.4	966.1	598.5
TOTAL PRO	OVED	10,573.7	0.0	22,059.4	213.0	0.0	382.6	16,760.2	0.0	1,120.7	0.0	1,942.9	935.3	4,666.9	10,335.8	8,190.5
PROBABLE	ERESERVES															
PRODUCIN	G RESERVES															
00062	IPB_CARSON PEAK 3-35H	18.7	0.0	32.3	1.1	0.0	1.8	88.0	0.0	5.3	0.0	10.2	0.0	20.5	62.6	48.2
00063	IPB_CARSON PEAK 5-35H2	23.0	0.0	42.4	1.4	0.0	2.4	106.9	0.0	6.9	0.0	12.4	0.0	20.5	81.0	65.0
00064	IPB_CARSON PEAK 6-35H1	33.9	0.0	81.7	1.5	0.0	3.3	114.5	0.0	9.7	0.0	13.3	0.0	17.5	93.4	70.1
00065	IPB_CARSON PEAK 7-35H	37.5	0.0	148.3	1.6	0.0	6.0	126.8	0.0	17.5	0.0	14.8	0.0	18.5	111.0	86.9
00268	IPB_CARSON PEAK 8-35H2	24.3	0.0	45.5	1.0	0.0	1.8	82.1	0.0	5.4	0.0	9.5	0.0	13.6	64.3	50.4
00067	IPB_CARSON PEAK 9-35H	38.2	0.0	179.0	2.3	0.0	10.0	178.3	0.0	29.3	0.0	20.9	0.0	25.9	160.7	128.1
00068	IPB_CARSON PEAK 10-35H1	27.9	0.0	139.6	1.7	0.0	7.8	130.4	0.0	22.8	0.0	15.3	0.0	22.3	115.6	90.1
00069	IPB_CARSON PEAK 11-35H2	21.0	0.0	66.7	1.2	0.0	3.7	98.1	0.0	10.9	0.0	11.4	0.0	17.4	80.2	62.8
00070	IPB_CARSON PEAK 12-35H1	15.9	0.0	88.2	0.9	0.0	4.9	74.3	0.0	14.4	0.0	8.7	0.0	14.3	65.7	53.7
00071	IPB_CARSON PEAK 13-35H	19.0	0.0	82.4	1.1	0.0	4.6	88.5	0.0	13.5	0.0	10.4	0.0	16.8	74.8	59.5
00072	IPB_CARSON PEAK 14-35HSL2	19.5	0.0	86.0	0.6	0.0	2.4	45.5	0.0	7.0	0.0	5.3	0.0	8.4	38.8	30.9
00095	IPB_HAWKINSON 1-22H	48.6	0.0	76.9	4.1	0.0	6.1	322.9	0.0	17.9	0.0	37.4	0.0	113.7	189.7	55.5

**B4** 

All estimates and exhibits are part of this report and subject to its parameters and conditions.

3P Filter

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		GRO	OSS RESERV	ES	NE	T RESERVE	S	GRO	OSS REVENU	Έ	NET	TOTAL	NET CAP	OPERATING	NET	CUM P.W.
PHDWIN		OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	PROFITS	TAXES	COST	EXPENSE	REVENUE	10 %
ID DD A DI E	LEASE NAME E RESERVES CONTINUED	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$
	G RESERVES CONTINUED															
00073	IPB HAWKINSON 2-27H	15.1	0.0	18.1	0.8	0.0	0.9	61.0	0.0	2.5	0.0	7.0	0.0	25.3	31.2	21.0
00075	IPB HAWKINSON 4-22H2	30.4	0.0	119.9	3.8	0.0	13.9	295.5	0.0	40.8	0.0	34.5	0.0	40.9	260.8	177.8
00075	IPB HAWKINSON 5-22H	37.0	0.0	61.0	3.9	0.0	6.1	308.0	0.0	17.8	0.0	35.7	0.0	88.4	201.7	83.9
00073	IPB HAWKINSON 7-22H2	33.8	0.0	36.4	3.8	0.0	3.8	296.1	0.0	11.2	0.0	34.2	0.0	157.2	115.8	40.3
00097	IPB HAWKINSON 8-22H	15.5	0.0	53.9	1.4	0.0	4.5	109.3	0.0	13.3	0.0	12.8	0.0	45.4	64.5	53.5
00098	IPB HAWKINSON 10-22H1	31.4	0.0	41.1	2.7	0.0	3.4	215.2	0.0	9.9	0.0	24.9	0.0	111.7	88.5	66.6
00099	IPB HAWKINSON 11-22H2	25.2	0.0	91.5	2.7	0.0	9.3	214.2	0.0	27.3	0.0	25.0	0.0	54.1	162.3	128.2
00100	IPB HAWKINSON 12-22H3	25.9	0.0	33.2	3.7	0.0	4.5	294.9	0.0	13.2	0.0	34.1	0.0	88.9	185.1	97.1
00101	IPB HAWKINSON 13-22H	29.0	0.0	49.1	3.0	0.0	4.8	238.7	0.0	14.1	0.0	27.6	0.0	56.8	168.4	81.5
00078	IPB HAWKINSON 15-22H2	20.6	0.0	87.8	2.2	0.0	8.7	170.7	0.0	25.5	0.0	20.0	0.0	72.1	104.1	84.0
00079	IPB HAWKINSON 16-22HSL1	42.1	0.0	96.6	4.7	0.0	10.0	366.2	0.0	29.4	0.0	42.5	0.0	120.6	232.5	146.8
00080	IPB CARUS 12-28HSL1	33.6	0.0	146.6	1.2	0.0	5.1	97.9	0.0	15.0	0.0	11.5	0.0	25.0	76.4	45.8
00083	IPB MORRIS 4-23HSL	18.4	0.0	34.5	2.0	0.0	3.6	160.2	0.0	10.5	0.0	18.6	0.0	57.3	94.8	69.4
00084	IPB MORRIS 5-23H2	14.0	0.0	34.9	0.8	0.0	2.0	65.6	0.0	5.7	0.0	7.6	0.0	15.1	48.7	38.4
00085	IPB MORRIS 6-23H	25.4	0.0	81.5	1.5	0.0	4.6	118.9	0.0	13.3	0.0	13.9	0.0	36.2	82.2	60.0
00086	IPB MORRIS 7-26H2	19.5	0.0	65.3	0.8	0.0	2.6	65.8	0.0	7.7	0.0	7.7	0.0	20.8	45.0	35.1
00087	IPB MORRIS 8-26H1	15.9	0.0	45.1	0.9	0.0	2.5	74.1	0.0	7.3	0.0	8.6	0.0	21.7	51.1	36.6
00088	IPB MORRIS 9-26H	54.0	0.0	177.9	3.2	0.0	9.9	252.3	0.0	29.1	0.0	29.4	0.0	56.8	195.1	117.4
00089	IPB_MORRIS 10-26H2	35.0	0.0	98.9	2.1	0.0	5.5	163.4	0.0	16.2	0.0	19.0	0.0	44.6	116.0	74.1
00090	IPB_MORRIS 11-26H	45.4	0.0	139.2	2.7	0.0	7.8	212.0	0.0	22.7	0.0	24.7	0.0	50.7	159.3	97.6
00091	IPB_MORRIS 12-26H1	38.3	0.0	149.7	2.3	0.0	8.4	179.0	0.0	24.5	0.0	20.9	0.0	42.3	140.2	91.8
00092	IPB_MORRIS 13-26H	35.1	0.0	152.6	2.1	0.0	8.5	164.0	0.0	24.9	0.0	19.2	0.0	37.1	132.7	89.5
00093	IPB_MORRIS 14-26HSL2	32.5	0.0	148.3	1.0	0.0	4.1	76.0	0.0	12.1	0.0	8.9	0.0	16.6	62.6	44.7
00103	IPB_WHITMAN 2-34H	9.3	0.0	14.9	0.5	0.0	0.7	37.3	0.0	2.1	0.0	4.3	0.0	8.5	26.5	21.0
00104	IPB_WHITMAN 3-34H	20.0	0.0	28.6	1.0	0.0	1.4	80.1	0.0	4.0	0.0	9.3	0.0	16.0	58.8	49.4
PROBABLE ALL	E DEVELOPED PRODUCING	1,030.1	0.0	3,075.6	73.4	0.0	191.4	5,772.6	0.0	560.6	0.0	671.6	0.0	1,619.6	4,042.0	2,652.8
TOTAL PRO	DBABLE	1,030.1	0.0	3,075.6	73.4	0.0	191.4	5,772.6	0.0	560.6	0.0	671.6	0.0	1,619.6	4,042.0	2,652.8
POSSIBLE	RESERVES															
UNDEVELO	OPED RESERVES															
00149	CARSON PEAK TF3 LOC1	522.5	0.0	914.8	31.0	0.0	51.0	2,439.8	0.0	149.5	0.0	282.6	487.0	170.6	1,649.1	1,113.2
00155	CARSON PEAK TF3 LOC2	522.5	0.0	914.9	31.0	0.0	51.0	2,439.8	0.0	149.5	0.0	282.6	487.0	170.6	1,649.1	1,103.8
00156	CARSON PEAK TF3 LOC3	522.5	0.0	914.8	31.0	0.0	51.0	2,439.8	0.0	149.5	0.0	282.6	487.0	170.6	1,649.1	1,094.5
00197	CARUS TF3 LOC1	522.5	0.0	914.8	2.8	0.0	4.7	222.9	0.0	13.7	0.0	25.8	43.4	15.2	152.2	100.3
00198	CARUS TF3 LOC2	522.5	0.0	914.8	2.8	0.0	4.7	222.9	0.0	13.7	0.0	25.8	43.4	15.2	152.2	99.4
00199	CARUS TF3 LOC3	522.5	0.0	914.8	2.8	0.0	4.7	222.9	0.0	13.7	0.0	25.8	43.4	15.2	152.2	98.6

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		GR	OSS RESERV	ES	NI	ET RESERVES	S	GR	OSS REVENU	Е	NET	TOTAL	NET CAP	OPERATING	NET	CUM P.W.
PHDWIN		OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	PROFITS	TAXES	COST	EXPENSE	REVENUE	10 %
ID	LEASE NAME	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$
POSSIBLE	RESERVES CONTINUED															
UNDEVEL	OPED RESERVES CONTINUED															
00164	MORRIS TF3 LOC1	522.5	0.0	914.8	31.0	0.0	51.0	2,439.8	0.0	149.5	0.0	282.6	487.0	170.6	1,649.1	1,058.7
00165	MORRIS TF3 LOC2	522.5	0.0	914.8	31.0	0.0	51.0	2,439.8	0.0	149.5	0.0	282.6	487.0	170.6	1,649.1	1,049.8
00166	MORRIS TF3 LOC3	522.5	0.0	914.8	31.0	0.0	51.0	2,439.8	0.0	149.5	0.0	282.6	487.0	170.6	1,649.2	1,041.9
00185	SUMMERFIELD TF3 LOC1	417.8	0.0	731.6	4.5	0.0	7.5	356.4	0.0	21.8	0.0	41.3	65.6	25.8	245.6	154.7
00186	SUMMERFIELD TF3 LOC2	417.8	0.0	731.6	4.5	0.0	7.5	356.4	0.0	21.8	0.0	41.3	65.6	25.8	245.6	153.5
00187	SUMMERFIELD TF3 LOC3	417.8	0.0	731.6	4.5	0.0	7.5	356.4	0.0	21.8	0.0	41.3	65.6	25.8	245.6	152.2
00167	WHITMAN TF3 LOC1	522.5	0.0	914.8	26.6	0.0	43.8	2,096.2	0.0	128.4	0.0	242.8	422.1	147.9	1,411.8	862.3
00174	WHITMAN TF3 LOC2	522.5	0.0	914.8	26.6	0.0	43.8	2,096.2	0.0	128.4	0.0	242.8	422.1	147.9	1,411.8	855.0
00175	WHITMAN TF3 LOC3	522.5	0.0	914.8	26.6	0.0	43.8	2,096.2	0.0	128.4	0.0	242.8	422.1	147.9	1,411.8	847.9
POSSIBLE	UNDEVELOPED ALL	7,523.8	0.0	13,172.7	288.1	0.0	474.1	22,665.7	0.0	1,388.8	0.0	2,625.8	4,515.0	1,590.3	15,323.4	9,786.0
TOTAL PO	SSIBLE	7,523.8	0.0	13,172.7	288.1	0.0	474.1	22,665.7	0.0	1,388.8	0.0	2,625.8	4,515.0	1,590.3	15,323.4	9,786.0
GRAND TO	DTAL	19,127.6	0.0	38,307.7	574.5	0.0	1,048.1	45,198.4	0.0	3,070.2	0.0	5,240.3	5,450.3	7,876.8	29,701.2	20,629.3

## APPENDIX C

## ALLOCATED EUR BY-TRACT with GEOLOGIC CROSS-SECTIONS & LATERAL LANDINGS

Alloca	ted Totals	by Tract			Per	Well Averag	es
Interior Performance	MBO	MMCF	MBOE	# Wells	МВО	MMCF	MBOE
Hawkinson (1280)	5,980.8	10,734.7	7,769.9	15.0	398.7	715.6	518.0
Whitman (1280)	7,627.7	12,091.9	9,643.0	11.0	693.4	1,099.3	876.6
Morris (1280)	6,551.5	12,277.2	8,597.7	12.0	546.0	1,023.1	716.5
Carson Peak (1280)	6,589.4	10,422.8	8,326.5	12.0	549.1	868.6	693.9
Carus (1280)	5,864.4	12,620.9	7,967.9	13.0	451.1	970.8	612.9
Bang (1280)	4,614.9	8,339.7	6,004.9	13.0	355.0	641.5	461.9
Brandvik (1280)	5,755.0	10,726.8	7,542.8	12.0	479.6	893.9	628.6
State Weydahl (1280)	6,391.6	10,020.4	8,061.7	12.0	532.6	835.0	671.8
allocated to other tracts	n/a	n/a	n/a	n/a	n/a	n/a	n/a
SubTotal 1280s =	49,375.4	87,234.4	63,914.5	100.0	493.8	872.3	639.1
Summerfield (640)	2,516.3	3,480.2	3,096.3	6.0	419.4	580.0	516.0
allocated to other tracts	n/a	n/a	n/a	n/a	n/a	n/a	n/a
SubTotal 640s =	2,516.3	3,480.2	3,096.3	6.0	419.4	580.0	516.0

## **Findings & Conclusions:**

- 1. Section Line wells are justified, i.e., the average Section Line (Overlapping Unit) well replicates the average Interior (or Underlying) well at 493.8 MBO/well.
- 1280-acre tracts are drilled >2x as dense as the 640-acre tract (13.75 vs 6.5 wells/tract) yet the Oil EUR per section only increased 28% (i.e., 3,405.0 MBO/section for 1280s vs 2,660.6 MBO/section for 640s).
- 3. When normalized on a per-mile basis, 2-mile-long laterals produce 246.9 MBO/mile (= 493.8 MBO / 2 miles) vs 400.7 MBO/mile for 1-mile-long laterals, which is a **38% reduction** vs 1-mile-long laterals.
- 4. So, why do 2-mile-long laterals grossly underperform 1-mile-long laterals? The most likely causes are as follows:
  - > massive degradation of stimulation efficacy beyond 1 mile ("toe-half")
  - sub-optimal lateral landing
    - stacked (Hawkinson) vs. staggered laterals
    - interposed perf intervals (Morris/Carson Peak)
  - > severe interference given 13+ wells vs only 6+ wells per section
    - loss of oil reserves due to relative permeability or mobility changes because of producing below P<sub>BP</sub> and/or high S<sub>w</sub> zones (TF3).
  - > some combination thereof

Alloca	ted Totals	by Tract			Per	Well Averag	es
Section Line Performance	MBO	MMCF	MBOE	# Wells	MBO	MMCF	MBOE
Hawkinson (1280)	831.2	2,008.2	1,165.9	1.5	554.1	1,338.8	777.2
Whitman (1280)	833.8	1,527.7	1,088.4	1.5	555.9	1,018.5	725.6
Morris (1280)	697.9	1,506.1	948.9	1.5	465.3	1,004.1	632.6
Carson Peak (1280)	851.1	1,576.8	1,113.9	1.5	567.4	1,051.2	742.6
Carus (1280)	501.5	1,363.7	728.8	1.0	501.5	1,363.7	728.8
Bang (1280)	425.3	833.8	564.3	1.0	425.3	833.8	564.3
Brandvik (1280)	477.7	936.7	633.8	1.0	477.7	936.7	633.8
State Weydahl (1280)	486.3	852.4	628.4	1.0	486.3	852.4	628.4
allocated to other tracts	1,313.9	2,233.0	1,686.1	3.0	438.0	744.3	562.0
SubTotal 1280s =	6,418.8	12,838.4	8,558.5	13.0	493.8	987.6	658.3
Summerfield (640)	144.3	215.1	180.2	0.5	288.6	430.2	360.3
allocated to other tracts	144.3	215.1	180.2	0.5	288.6	430.2	360.3
SubTotal 640s =	288.6	430.2	360.3	1.0	288.6	430.2	360.3

Alloca	ted Totals	by Tract			Per	Well Averag	es
Combined Performance	МВО	MMCF	MBOE	# Wells	MBO	MMCF	MBOE
Hawkinson (1280)	6,812.0	12,742.9	8,935.8	16.5	412.8	772.3	541.6
Whitman (1280)	8,461.5	13,619.6	10,731.5	12.5	676.9	1,089.6	858.5
Morris (1280)	7,249.4	13,783.3	9,546.6	13.5	537.0	1,021.0	707.2
Carson Peak (1280)	7,440.6	11,999.6	9,440.5	13.5	551.2	888.9	699.3
Carus (1280)	6,365.9	13,984.7	8,696.7	14.0	454.7	998.9	621.2
Bang (1280)	5,040.2	9,173.5	6,569.1	14.0	360.0	655.3	469.2
Brandvik (1280)	6,232.7	11,663.5	8,176.6	13.0	479.4	897.2	629.0
State Weydahl (1280)	6,878.0	10,872.8	8,690.1	13.0	529.1	836.4	668.5
allocated to other tracts	1,313.9	2,233.0	1,686.1	3.0	438.0	744.3	562.0
SubTotal 1280s =	55,794.2	100,072.8	72,473.0	113.0	493.8	885.6	641.4
Summerfield (640)	2,660.6	3,695.3	3,276.4	6.5	409.3	568.5	504.1
allocated to other tracts	144.3	215.1	180.2	0.5	288.6	430.2	360.3
SubTotal 640s =	2,804.9	3,910.4	3,456.6	7.0	400.7	558.6	493.8

#### Normalized Comparisons (excludes wells & reserves allocated to other tracts):

- (113 3 wells) / 8 tracts = 13.75 wells/tract for 1280s.
   (7 0.5 well) / 1 tract = 6.5 wells/tract for 640s.
- (55,794.2 1,313.9 MBO) / (8 tracts × 2 sections/tract) = 54,480.3 MBO / 16 sections = 3,405.0 MBO/section for 1280s.
  - $(2,804.9 144.3 \text{ MBO}) / (1 \text{ tract} \times 1 \text{ section/tract}) = 2,660.6 \text{ MBO/section for 640s}.$

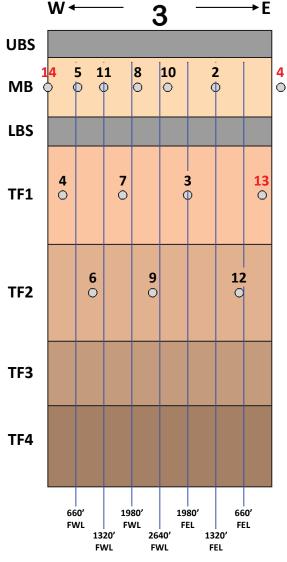
## **UBS** 15 13 Φ 4 MB **LBS** 10 16 TF1 0 11 14 TF2 12 TF3 TF4 660' 1980' 1980' 660' **FWL** FWL FEL FEL 1320' 2640' 1320' **FWL FWL**

## **HAWKINSON**

				10011				
	Well	NDIC #	Landing	PBHL	TIL Year	Oil EUR (Mbo)*	Gas EUR (MMcf)*	Total EUR (Mboe)*
Hawkinson 1-22	2H	18275	TF1	1320' FWL	2010	886.78	1189.74	1085.07
Hawkinson 2-2	7H	20208	TF1	1320' FEL	2011	544.10	700.41	660.84
Hawkinson 3-2	7H	20211	MB	1980' FEL	2011	414.66	658.22	524.36
Hawkinson 4-22	2H2	24223	TF2	660' FWL	2013	603.74	1007.74	771.70
Hawkinson 5-22	2H	24224	MB	660' FWL	2013	690.94	1293.57	906.54
Hawkinson 6-22	2H3	24225	TF3	1320' FWL	2013	291.95	594.36	391.01
Hawkinson 7-22	2H2	24282	TF2	1980' FWL	2013	335.02	744.24	459.06
Hawkinson 8-22	2H	24283	MB	1980' FWL	2013	294.65	779.07	424.50
Hawkinson 9-22	2H3	24284	TF3	2640' FWL	2013	151.30	237.66	190.91
Hawkinson 10-2	22H1	24285	TF1	2640' FWL	2013	224.70	597.22	324.24
Hawkinson 11-	22H2	24286	TF2	1980' FEL	2013	321.32	749.35	446.21
Hawkinson 12-	22H3	24350	TF3	1320' FEL	2013	333.26	436.38	405.99
Hawkinson 13-2	22H	24455	MB	660' FEL	2013	485.95	722.83	606.42
Hawkinson 14-2	22H2	24456	TF2	660' FEL	2013	262.21	371.66	324.15
Hawkinson 15-2	22H	31104	MB	2640' FWL	2015	140.25	652.22	248.95
			Subto	otal EUR of 15 inte	rior wells =	5980.83	10734.67	7769.94
Hawkinson 16-	22HSL1	34354	TF1	220' FEL	2019	533.70	1241.69	740.65
Carus 12-28HSL	1	35587	TF1	0' FWL	2019	696.89	2002.11	1030.58
Morris 4-23HSL		34353	MB	-220' FEL	2019	431.72	772.68	560.50
			Subtotal E	UR of 3 section lin	e wells** =	1662.31	4016.48	2331.72
	Hawkinson tract EUF	R Allocation (1	.00% interior we	ells + 50% section li	ine wells) =	6811.99	12742.91	8935.80
	Hawkinson tract EUF	R Allocation (1	.00% interior we	ells + 50% section li	ine wells) =	6811.99	12742	.91

<sup>\*</sup> EUR as of 11/1/2023. Mbo = thousands of barrels of oil; MMcf = million standard cubic feet of gas; Mboe = thousands of barrels of oil equivalent using 6 Mcf to 1 boe conversion factor.

<sup>\*\*</sup> red-colored font wells are section line wells.

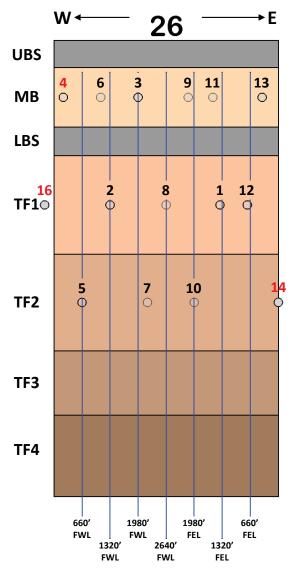


## **WHITMAN**

NDIC #	Landing	DRIVI	TIL	O:I FLID		
#	The state of the s	PBHL	115	Oil EUR	Gas EUR	Total EUR
			Year	(Mbo)*	(MMcf)*	(Mboe)*
17061	MB	1320' FWL	2008	585.54	539.73	675.50
20210	MB	1320' FEL	2011	1849.38	1983.72	2180.00
20212	TF1	1980' FEL	2011	1166.87	1518.57	1419.97
38613	TF1	350' FWL	2022	492.65	924.41	646.72
38499	MB	704' FWL	2022	645.27	1358.98	871.77
38500	TF2	1058' FWL	2022	572.48	1112.31	757.87
38494	TF1	1766' FWL	2022	610.61	1242.37	817.67
38495	MB	2120' FWL	2022	541.21	1189.82	739.51
38496	TF2	2474' FWL	2022	426.27	916.80	579.07
38497	MB	2452' FEL	2022	337.30	643.90	444.62
38532	TF2	761' FEL	2022	400.16	661.24	510.37
	Subto	otal EUR of 11 inter	rior wells =	7627.74	12091.85	9643.05
38533	TF1	220' FEL	2022	242.26	559.50	335.51
38610	MB	0' FWL	2022	446.59	869.20	591.46
35272	MB	-220' FEL	2019	978.76	1626.75	1249.89
	Subtotal E	UR of 3 section line	e wells** =	1667.61	3055.45	2176.85
Allocation (1	.00% interior we	lls + 50% section li	ne wells) =	8461.55	13619.58	10731.47
	20212 38613 38499 38500 38494 38495 38496 38497 38532 38533 38610 35272	20212 TF1 38613 TF1 38499 MB 38500 TF2 38494 TF1 38495 MB 38496 TF2 38497 MB 38532 TF2 Subto 38533 TF1 38610 MB 35272 MB Subtotal E	20212       TF1       1980' FEL         38613       TF1       350' FWL         38499       MB       704' FWL         38500       TF2       1058' FWL         38494       TF1       1766' FWL         38495       MB       2120' FWL         38496       TF2       2474' FWL         38497       MB       2452' FEL         38532       TF2       761' FEL         Subtotal EUR of 11 interest         38533       TF1       220' FEL         38610       MB       0' FWL         35272       MB       -220' FEL         Subtotal EUR of 3 section line	20212       TF1       1980' FEL       2011         38613       TF1       350' FWL       2022         38499       MB       704' FWL       2022         38500       TF2       1058' FWL       2022         38494       TF1       1766' FWL       2022         38495       MB       2120' FWL       2022         38496       TF2       2474' FWL       2022         38497       MB       2452' FEL       2022         38532       TF2       761' FEL       2022         Subtotal EUR of 11 interior wells =         38533       TF1       220' FEL       2022         38610       MB       0' FWL       2022	20212 TF1 1980' FEL 2011 1166.87 38613 TF1 350' FWL 2022 492.65 38499 MB 704' FWL 2022 645.27 38500 TF2 1058' FWL 2022 572.48 38494 TF1 1766' FWL 2022 610.61 38495 MB 2120' FWL 2022 541.21 38496 TF2 2474' FWL 2022 541.21 38497 MB 2452' FEL 2022 337.30 38532 TF2 761' FEL 2022 400.16  Subtotal EUR of 11 interior wells = 7627.74 38533 TF1 220' FEL 2022 242.26 38610 MB 0' FWL 2022 446.59 35272 MB -220' FEL 2019 978.76 Subtotal EUR of 3 section line wells** = 1667.61	20212       TF1       1980' FEL       2011       1166.87       1518.57         38613       TF1       350' FWL       2022       492.65       924.41         38499       MB       704' FWL       2022       645.27       1358.98         38500       TF2       1058' FWL       2022       572.48       1112.31         38494       TF1       1766' FWL       2022       610.61       1242.37         38495       MB       2120' FWL       2022       541.21       1189.82         38496       TF2       2474' FWL       2022       426.27       916.80         38497       MB       2452' FEL       2022       337.30       643.90         38532       TF2       761' FEL       2022       400.16       661.24         Subtotal EUR of 11 interior wells = 7627.74       12091.85         38533       TF1       220' FEL       2022       242.26       559.50         38610       MB       0' FWL       2022       446.59       869.20         35272       MB       -220' FEL       2019       978.76       1626.75         Subtotal EUR of 3 section line wells** =       1667.61       3055.45

<sup>\*</sup> EUR as of 11/1/2023. Mbo = thousands of barrels of oil; MMcf = million standard cubic feet of gas; Mboe = thousands of barrels of oil equivalent using 6 Mcf to 1 boe conversion factor.

<sup>\*\*</sup> red-colored font wells are section line wells.



## **MORRIS**

Well	NDIC #	Landing	PBHL	TIL Year	Oil EUR (Mbo)*	Gas EUR (MMcf)*	Total EUR (Mboe)*						
Morris 1-23H	17334	TF1	1372' FEL	2008	397.66	423.37	468.22						
Morris 2-26H	18860	TF1	1320' FWL	2011	332.22	377.59	395.15						
Morris 3-26H	18858	MB	1980' FWL	2011	522.53	592.85	621.34						
Morris 5-23H2	34352	TF2	660' FWL	2019	368.63	542.56	459.06						
Morris 6-23H **	34351	MB	1100' FWL	2019	463.42	1270.73	675.21						
Morris 7-26H2 **	35109	TF2	2200' FWL	2019	439.99	1039.13	613.18						
Morris 8-26H1 **	35082	TF1	2640' FWL	2019	494.17	893.61	643.11						
Morris 9-26H **	35085	MB	2120' FEL	2021	408.95	1075.80	588.25						
Morris 10-26H2 **	35086	TF2	1980' FEL	2021	326.19	641.68	433.14						
Morris 11-26H **	35087	MB	1540' FEL	2021	424.09	925.97	578.42						
Morris 12-26H1	37713	TF1	730' FEL	2021	382.27	828.33	520.33						
Morris 13-26H	37714	MB	380' FEL	2021	428.28	1004.59	595.71						
		Subto	otal EUR of 12 inte	rior wells =	4988.40	9616.21	6591.10						
Subtotal EUR after correcting for	Carson Peak lo	ng-lateral perfs	physically on Morr	is tract** =	5878.12	11279.00	7757.96						
Subtotal EUR after	correcting for (	Carson Peak inte	rference to Morris	wells*** =	6551.46	12277.21	8597.66						
Morris 4-23HSL	34353	MB	220' FWL	2019	431.72	772.68	560.50						
Morris 14-26HSL2	37793	TF2	0' FEL	2021	430.43	997.81	596.73						
Hawkinson 16-22HSL1	34354	TF1	-220' FWL	2019	533.70	1241.69	740.65						
		Subtotal EUF	R of 3 section line v	vells**** =	1395.85	3012.18	1897.88						
Morris tract El	JR Allocation (1	100% interior we	ells + 50% section li	ine wells) =	7249.38	13783.30	9546.60						

<sup>\*</sup> EUR as of 11/1/2023. Mbo = thousands of barrels of oil; MMcf = million standard cubic feet of gas; Mboe = thousands of barrels of oil equivalent using 6 Mcf to 1 boe conversion factor.

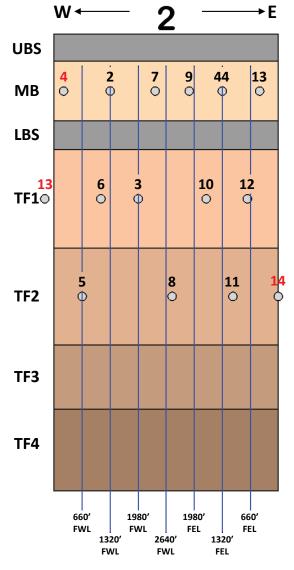
<sup>\*\*</sup> The average Morris short-lateral perf interval (7,059'±328') is half of the average Carson Peak long-lateral perf interval (13,893'±247').

About 24% of Carson Peak long-lateral perfs are physically on the Morris tract; pro rata EUR allocation increases Morris EUR by ~890

Mbo & ~1663 MMcf. Unquantified: heel-half vs toe-half stim efficacy NOT estimated but it would solely accrete to Morris tract.

<sup>\*\*\*</sup> Morris 1/2/3 parents lost ~323 Mbo & ~288 MMcf due Carson Peak 6/7/8/9/10 interposed-perf interference. Morris 4/5/12/13/14 also lost reserves but TIL concurrent with CP 6-10; as such, pre- vs post-EUR loss unavailable. By proxy, Morris SL EUR averages 60.4 bo/ft vs Morris 4/5/12/13/14 39.9 bo/ft. Thus, (60.4-39.9 bo/ft)×51,197' perfs = 1049.5 Mbo max loss; apply 1/3 factor for CP interposed perfs.

\*\*\*\* red-colored font wells are section line wells.



## **CARSON PEAK**

Well	NDIC #	Landing	PBHL	TIL Year	Oil EUR (Mbo)*	Gas EUR (MMcf)*	Total EUR (Mboe)*		
Carson Peak 44-2H	17079	MB	1320' FEL	2008	387.11	351.40	445.68		
Carson Peak 2-35H	18861	MB	1320' FWL	2011	755.22	700.52	871.97		
Carson Peak 3-35H	18859	TF1	1980' FWL	2011	950.15	903.07	1100.66		
Carson Peak 5-35H2	35273	TF2	660' FWL	2019	776.75	1241.63	983.69		
Carson Peak 6-35H1 **	35108	TF1	1100' FWL	2019	785.22	1476.96	1031.38		
Carson Peak 7-35H **	35080	MB	2380' FWL	2019	873.91	1671.07	1152.42		
Carson Peak 8-35H2 **	35081	TF2	2500' FEL	2019	922.53	1179.05	1119.04		
Carson Peak 9-35H **	35083	MB	2100' FEL	2021	583.21	1338.52	806.30		
Carson Peak 10-35H1 **	35084	TF1	1700' FEL	2021	578.61	1330.53	800.37		
Carson Peak 11-35H2	37715	TF2	1070' FEL	2021	589.07	956.09	748.42		
Carson Peak 12-35H1	37716	TF1	730' FEL	2021	455.81	977.60	618.74		
Carson Peak 13-35H	37794	MB	440' FEL	2021	494.88	957.37	654.44		
		Subt	otal EUR of 12 inte	rior wells =	8152.47	13083.81	10333.11		
Subtotal EUR after correcting	for Carson Peak lo	ng-lateral perfs	physically on Morr	is tract** =	7262.75	11421.02	9166.25		
Subtotal EUR af	ter correcting for C	arson Peak inte	erference to Morris	wells*** =	6589.41	10422.81	8326.55		
Carson Peak 4-35HSL	Subtotal EUR after correcting for Carson Peak interference to Morris wells**: rson Peak 4-35HSL 35272 MB 220' FWL 2019								
Carson Peak 14-35HSL2	37795	TF2	0' FEL	2021	481.32	967.31	642.54		
Whitman FIU 13-34HSL1	38533	TF1	-220' FWL	2022	242.26	559.50	335.51		
		Subtotal EUI	R of 3 section line	1702.29	3153.52	2227.88			
Carson Peak trac	t EUR Allocation (1	.00% interior we	ells + 50% section l	ine wells) =	7440.56	11999.57	9440.48		

<sup>\*</sup> EUR as of 11/1/2023. Mbo = thousands of barrels of oil; MMcf = million standard cubic feet of gas; Mboe = thousands of barrels of oil equivalent using 6 Mcf to 1 boe conversion factor.

also lost reserves but TIL concurrent with CP 6-10; as such, pre- vs post-EUR loss unavailable. By proxy, Morris SL EUR averages 60.4 bo/ft

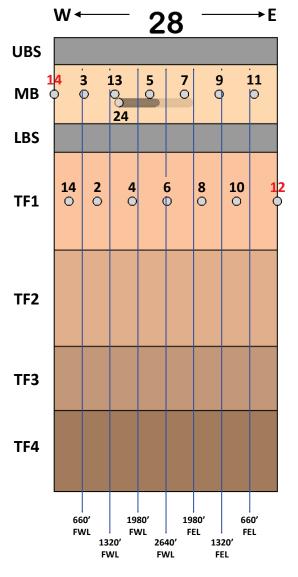
vs Morris 4/5/12/13/14 39.9 bo/ft. Thus,  $(60.4-39.9 \text{ bo/ft}) \times 51,197'$  perfs = 1049.5 Mbo max loss; apply 1/3 factor for CP interposed perfs.

<sup>\*\*</sup> The average Carson Peak long-lateral perf interval (13,893'±247') is double the average Morris short-lateral perf interval (7,059'±328').

About 24% of Carson Peak long-lateral perfs are physically on the Morris tract; pro rata EUR allocation <u>decreases</u> Carson Peak EUR by ~890 Mbo & ~1663 MMcf. Unquantified: heel-half vs toe-half stim efficacy NOT estimated but it would solely accrete to Morris tract.

\*\*\* Morris 1/2/3 parents lost ~323 Mbo & ~288 MMcf due Carson Peak 6/7/8/9/10 interposed-perf interference. Morris 4/5/12/13/14

<sup>\*\*\*\*</sup> red-colored font wells are section line wells.



## **CARUS**

	2	<u> </u>	<u> </u>		-		
Well	NDIC #	Landing	PBHL	TIL Year	Oil EUR (Mbo)*	Gas EUR (MMcf)*	Total EUR (Mboe)*
Carus 2-28H1	21974	TF1	1017' FWL	2013	485.97	602.05	586.31
Carus 3-28H	37606	MB	705' FWL	2021	360.65	972.26	522.69
Carus 4-28H1	35550	TF1	1845' FWL	2019	321.66	609.55	423.25
Carus 5-28H	35549	MB	2260' FWL	2019	380.08	766.47	507.83
Carus 6-28H1	35548	TF1	2610' FEL	2019	508.55	1078.20	688.25
Carus 7-28H	35547	MB	2200' FEL	2019	531.33	1289.95	746.32
Carus 8-28H1	35575	TF1	1790' FEL	2019	421.91	853.83	564.22
Carus 9-28H	35576	MB	1380' FEL	2019	570.53	1616.83	840.00
Carus 10-28H1	35577	TF1	965' FEL	2019	547.27	1498.95	797.10
Carus 11-28H	35578	MB	550' FEL	2019	555.96	1401.54	789.55
Carus 13-28H (fka 24-28H)	16648	MB	1430' FWL	2019	547.54	1036.13	720.23
Carus 24-28H	16648	MB	2100' FEL	2007	301.66	242.82	342.13
Carus 14-28H1	37854	TF1	345' FWL	2021	331.29	652.35	440.02
		Subt	otal EUR of 13 inte	rior wells =	5864.40	12620.93	7967.89
Carus 12-28HSL1	35587	TF1	0' FEL	2019	696.89	2002.08	1030.57
Rodney 14-29HSL	37408	MB	0' FWL	2021	306.16	725.39	427.06
		Subtotal E	UR of 2 section lin	e wells** =	1003.05	2727.47	1457.63
Carus tract	EUR Allocation (1	00% interior we	ells + 50% section li	ine wells) =	6365.93	13984.67	8696.70

<sup>\*</sup> EUR as of 11/1/2023. Mbo = thousands of barrels of oil; MMcf = million standard cubic feet of gas; Mboe = thousands of barrels of oil equivalent using 6 Mcf to 1 boe conversion factor.

<sup>\*\*</sup> red-colored font wells are section line wells.

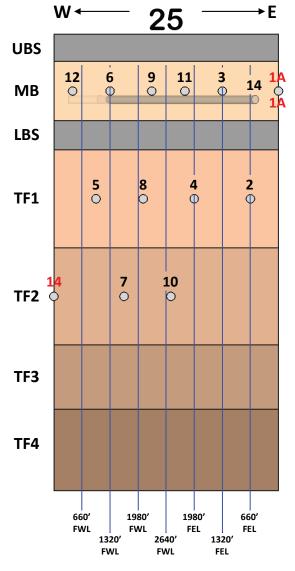
## **UBS** 8 **10** 12 MB d **LBS 5** 9 11 13 TF1 0 0 TF2 TF3 TF4 660' 1980' 1980' 660' **FWL FWL** FEL FEL 1320' 2640' 1320' **FWL FWL**

## **BANG**

		<u> </u>	<u> </u>				
Well	NDIC #	Landing	PBHL	TIL Year	Oil EUR (Mbo)*	Gas EUR (MMcf)*	Total EUR (Mboe)*
Bang 1-33H	16797	MB	1400' FWL	2008	540.62	845.35	681.51
Bang 2-33T	18636	TF1	1980' FWL	2010	345.17	390.58	410.27
Bang 3-33H1	37941	TF1	410' FWL	2021	306.18	514.78	391.98
Bang 4-4H	38677	MB	730' FWL	2022	329.39	762.93	456.55
Bang 5-4H1	38676	TF1	1055' FWL	2022	307.32	553.44	399.56
Bang 6-4H	38675	MB	2310' FWL	2022	355.15	720.60	475.25
Bang 7-4H1	38674	TF1	2595' FEL	2022	315.66	613.46	417.90
Bang 8-4H	38673	MB	2220' FEL	2022	327.62	627.94	432.28
Bang 9-4H1	38606	TF1	1845' FEL	2022	363.18	577.41	459.42
Bang 10-4H	38607	MB	1470' FEL	2022	358.01	682.53	471.77
Bang 11-4H1	38608	TF1	1095' FEL	2022	378.57	727.95	499.90
Bang 12-4H	38609	MB	720' FEL	2022	342.35	652.92	451.17
Bang 13-4H1	38614	TF1	370' FEL	2022	345.70	669.85	457.34
		Subt	otal EUR of 13 inte	rior wells =	4614.92	8339.74	6004.88
Bang FIU 14-4HSL	38610	MB	0' FEL	2022	446.60	869.20	591.47
Gale 14-32HSL	37407	MB	-92' FWL	2021	404.01	798.36	537.07
		Subtotal E	UR of 2 section line	e wells** =	850.61	1667.56	1128.54
Bang tract EUR	Allocation (1	100% interior we	ells + 50% section li	ne wells) =	5040.23	9173.52	6569.15

<sup>\*</sup> EUR as of 11/1/2023. Mbo = thousands of barrels of oil; MMcf = million standard cubic feet of gas; Mboe = thousands of barrels of oil equivalent using 6 Mcf to 1 boe conversion factor.

<sup>\*\*</sup> red-colored font wells are section line wells.

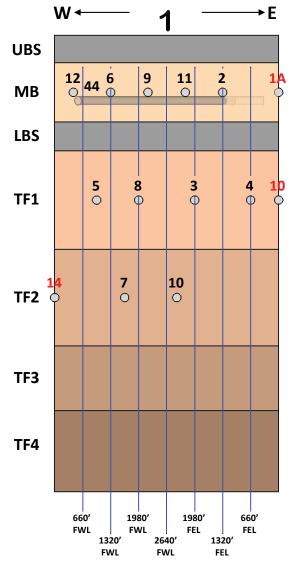


## **BRANDVIK**

Well	NDIC	Landing	PBHL	TIL	Oil EUR	Gas EUR	Total EUR
	#		800000	Year	(Mbo)*	(MMcf)*	(Mboe)*
Brandvik 14-24H (Dual)	16460	MB	550' FEL	2007	257.88	238.50	297.63
Brandvik 2-25H	19156	TF1	660' FEL	2010	606.62	711.39	725.19
Brandvik 3-25H	23784	MB	1320' FEL	2013	520.21	588.89	618.36
Brandvik 4-25H1	23783	TF1	1980' FEL	2013	390.74	421.38	460.97
Brandvik 5-25H1	30365	TF1	990' FWL	2018	590.20	941.05	747.04
Brandvik 6-25H	30366	MB	1320' FWL	2018	548.63	979.04	711.80
Brandvik 7-25H2	30367	TF2	1650' FWL	2018	371.31	691.36	486.54
Brandvik 8-25H1	32814	TF1	2100' FWL	2018	498.10	1256.67	707.55
Brandvik 9-25H	32815	MB	2300' FWL	2018	459.20	1074.79	638.33
Brandvik 10-25H2	32816	TF2	2530' FEL	2018	540.76	1620.50	810.84
Brandvik 11-25H	32817	MB	2200' FEL	2018	491.05	936.83	647.19
Brandvik 12-25H	37780	MB	440' FWL	2021	480.32	1266.41	691.39
		Subt	otal EUR of 12 inte	rior wells =	5755.02	10726.81	7542.82
Morris 14-26HSL2	37793	TF2	0' FWL	2021	430.43	997.81	596.73
Meriwether 1A MBH-ULW	35295	MB	0' FEL S13	2019	484.28	802.69	618.06
Prairie Rose 1A MBH-ULW	35294	MB	0' FEL S36	2019	565.48	948.47	723.56
		Subtotal E	UR of 3 section lin	e wells** =	1480.19	2748.97	1938.35
Brandvik tract EUR Allocation (10	0% interior wells +	50% Morris + 2!	5% of each MBH-U	LW wells) =	6232.68	11663.51	8176.59

<sup>\*</sup> EUR as of 11/1/2023. Mbo = thousands of barrels of oil; MMcf = million standard cubic feet of gas; Mboe = thousands of barrels of oil equivalent using 6 Mcf to 1 boe conversion factor.

<sup>\*\*</sup> red-colored font wells are section line wells. Both 1A well heels are shifted 1 mile north relative to Brandvik tract southern border.

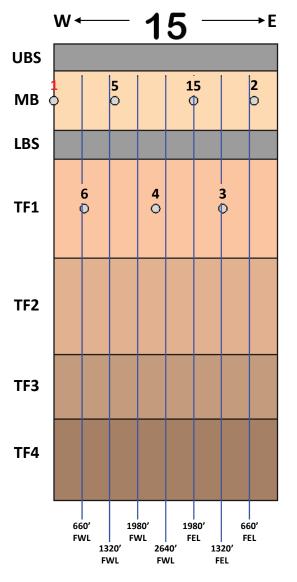


## **STATE WEYDAHL**

Well	NDIC #	Landing	PBHL	TIL Year	Oil EUR (Mbo)*	Gas EUR (MMcf)*	Total EUR (Mboe)*
State Weydahl 44-36H (Dual)	16510	MB	550' FWL	2007	365.38	332.71	420.83
State Weydahl 2-36H	23786	MB	1320' FEL	2013	562.96	585.26	660.50
State Weydahl 3-36H1	23785	TF1	1980' FEL	2013	454.52	559.92	547.84
State Weydahl 4-36H1	29555	TF1	660' FEL	2015	825.56	919.49	978.81
State Weydahl 5-36H1	30362	TF1	990' FWL	2018	635.44	851.81	777.41
State Weydahl 6-36H	30363	MB	1320' FWL	2018	300.75	395.03	366.59
State Weydahl 7-36H2	30364	TF2	1650' FWL	2018	393.71	563.51	487.63
State Weydahl 8-36H1	32812	TF1	1980' FWL	2018	599.58	977.44	762.49
State Weydahl 9-36H	32813	MB	2200' FWL	2018	630.64	1290.16	845.67
State Weydahl 10-36H2	32818	TF2	2400' FEL	2018	458.99	1013.21	627.86
State Weydahl 11-36H	32819	MB	2200' FEL	2018	585.74	1420.29	822.46
State Weydahl 12-36H	37779	MB	440' FWL	2021	578.36	1111.58	763.62
		Subt	otal EUR of 12 inte	rior wells =	6391.63	10020.41	8061.70
Prairie Rose 1A MBH-ULW	35294	MB	0' FEL S36	2019	565.48	948.47	723.56
Dvirnak 10-7HSL1	35295	TF1	0' FEL S1	2021	417.19	526.45	504.93
Carson Peak 14-35HSL2	37795	TF2	0' FWL	2021	481.32	967.31	642.54
		Subtotal E	UR of 3 section lin	e wells** =	1463.99	2442.23	1871.03
State Weydahl tract EUR Allocation	(100% interior	wells + 50% CP +	- 25% P Rose/Dvirn	ak wells) =	6877.96	10872.80	8690.09

<sup>\*</sup> EUR as of 11/1/2023. Mbo = thousands of barrels of oil; MMcf = million standard cubic feet of gas; Mboe = thousands of barrels of oil equivalent using 6 Mcf to 1 boe conversion factor.

<sup>\*\*</sup> red-colored font wells are section line wells. The Dvirnak is shifted 1 mile south relative to State Weydahl tract southern border.



## **SUMMERFIELD**

	<u> </u>						
Well	NDIC #	Landing	PBHL	TIL Year	Oil EUR	Gas EUR (MMcf)*	Total EUR
	#	AND WATER		Year	(Mbo)*	(IVIIVICT)	(Mboe)*
Summerfield 15-15H	18725	MB	1980' FEL	2010	426.23	705.05	543.74
Summerfield 15H-2	24515	MB	550' FEL	2014	552.83	715.14	672.02
Summerfield 15H-3	24516	TF1	1290' FEL	2014	374.68	501.10	458.20
Summerfield 15H-4	24517	TF1	2404' FWL	2014	439.18	622.63	542.95
Summerfield 15H-5	27547	MB	1440' FWL	2014	360.54	474.71	439.66
Summerfield 15H-6	27546	TF1	720' FWL	2014	362.79	461.55	439.72
		Sub	total EUR of 6 inte	rior wells =	2516.25	3480.18	3096.28
Summerfield 15H-1	28295	MB	0' FWL	2014	288.63	430.17	367.49
		Subtotal E	UR of 1 section lin	e wells** =	288.63	430.17	360.33
Summerfield trac	t EUR Allocation (1	00% interior we	ells + 50% section l	ine wells) =	2660.57	3695.27	3276.44

<sup>\*</sup> EUR as of 11/1/2023. Mbo = thousands of barrels of oil; MMcf = million standard cubic feet of gas; Mboe = thousands of barrels of oil equivalent using 6 Mcf to 1 boe conversion factor.

<sup>\*\*</sup> red-colored font wells are section line wells.

## APPENDIX D

# CURRENT, ANTICIPATED, AND DIFFERENCES OF RESERVES & FUTURE NET REVENUE

# Andress Sandefer et al Group Total Proved + Probable + Possible as of January 1, 2024 <u>Current</u> Working Interest

11-26- 5	N Al- I- I	5 4 L L I	5 4 L L I		5 45 4 - C	N 40 4 - F	Currer	_		8.4¢	2.46	8.4¢	N 4 C	A 4 A 4 A 5 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	de etce et	de desert
Units →	Mbbl	Mbbl	Mbbl	MMcf	MMcf	MMcf	M\$	M\$	M\$	M\$	M\$	M\$	M\$	MMM-D-YYYY	decimal	decimal
CaseName	CumOil	GrossOil	NetOil		GrossGas	NetGas			ProductionTax			NonDiscCash	DiscCash	EconomicLimit	InitWrkInt	InitRevInt
CARSON PEAK 44-2H	379.0	8.2	- 0.4	338.2	13.2 9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.07047414	- 0.05050725
CARSON PEAK 2-35H	748.5	6.7	0.4	691.4		0.5	31.5	1.5	3.6	10.6	21.7	(2.9)	(0.2)	Nov-24-2026		0.05969725
CARSON PEAK 3-35H	912.0	38.1	2.3	849.4	53.6	3.0	179.1	8.8	20.7	10.6	51.3	105.4	94.6		0.07047412	0.05969725
CARSON PEAK 4-35HSL	884.6	94.1	0.0	1,440.1	186.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.00077272	0.05044240
CARSON PEAK 5-35H2	731.0	45.7	2.7	1,174.2	67.4	3.7	212.7	11.0	24.6	10.5	53.0	135.6	122.3	Dec-15-2029		0.05911219
CARSON PEAK 6-35H1	667.7	117.5	5.0	1,269.4	207.6	8.4	397.2	24.6	46.0	7.6	54.3	313.8	278.3		0.05072160	0.04297122
CARSON PEAK 7-35H	765.9	108.0	4.6	1,382.0	289.0	11.7	365.1	34.2	42.5	7.6	53.7	295.5	263.5		0.05072153	0.04297122
CARSON PEAK 8-35H2	824.7	97.9	4.2	1,037.9	141.2	5.7	330.8	16.7	38.3	7.6	48.9	252.8	228.4	Feb-3-2030	0.05072153	0.04297122
CARSON PEAK 9-35H	486.7	96.5	5.7	1,002.1	336.4	18.8	450.7	55.0	52.6	10.5	62.5	380.2	345.7	Dec-12-2029	0.07006586	0.05935138
CARSON PEAK 10-35H1	493.1	85.6	5.1	1,069.9	260.6	14.5	399.5	42.6	46.5	10.5	70.8	314.2	278.8		0.07006586	0.05935138
CARSON PEAK 11-35H2	509.7	79.4	4.7	796.8	159.3	8.9	370.6	26.0	43.0	10.5	65.7	277.4	247.4			0.05935137
CARSON PEAK 12-35H1	401.7	54.2	3.2	802.2	175.4	9.8	252.8	28.7	29.5	10.5	51.3	190.2	173.4	Jul-22-2029	0.07006585	0.05935138
CARSON PEAK 13-35H	428.1	66.7	4.0	784.3		9.7	311.7	28.3	36.2	10.5	61.2	232.0	208.4	Apr-11-2030	0.07006585	0.05935137
CARSON PEAK 14-35HSL2	410.9	70.4	2.1	782.7	184.6	5.1	164.4	15.1	19.1	5.3	31.1	124.1	111.5	· ·	0.03503457	0.02967708
HAWKINSON 1-22H	759.9	126.9	10.7	1,036.1	153.6	12.2	843.2	35.7	97.5	15.1	347.7	418.7	221.7	Apr-21-2054	0.10058786	0.08444616
HAWKINSON 2-27H	512.9	31.2	1.6	666.3	34.1	1.6	125.6	4.8	14.5	9.1	53.1	53.7	47.2	.0	0.06094789	0.05116878
HAWKINSON 3-27H	401.5	13.2	0.7	630.5	27.8	1.3	52.7	3.9	6.1	9.1	36.1	5.3	7.5	U	0.06052697	0.05081535
HAWKINSON 4-22H2	481.5	122.3	15.1	802.1	205.6	23.9	1,187.1	69.9	137.5	22.1	311.9	785.6	571.8		0.14703037	0.12343418
HAWKINSON 5-22H	579.1	111.9	11.8	1,155.9	137.7	13.7	932.1	40.2	107.8	19.0	295.9	549.7	362.6	-	0.12664487	0.10591702
HAWKINSON 6-22H3	259.2	32.7	5.6	550.3	44.0	7.1	440.6	20.7	51.0	31.0	241.8	137.5	118.1	Jan-19-2034	0.20665584	0.17105618
HAWKINSON 7-22H2	276.1	58.9	6.5	681.6	62.6	6.5	515.1	19.2	59.5	20.3	222.5	231.9	171.1		0.13550713	0.11120059
HAWKINSON 8-22H	284.6	10.0	0.9	747.3	31.8	2.7	70.5	7.8	8.2	16.1	48.5	5.5	9.7	Apr-24-2028	0.10703258	0.08952773
HAWKINSON 9-22H3	151.3	-	-	237.7	-	-	-	-	-	19.4	3.8	(23.2)	(19.8)	Oct-30-2024	0.12907560	0.10821814
HAWKINSON 10-22H1	216.3	8.4	0.7	584.9	12.3	1.0	57.5	3.0	6.7	15.6	46.1	(7.8)	(2.6)	Jan-7-2028	0.10384050	0.08717536
HAWKINSON 11-22H2	299.8	21.5	2.3	691.8	57.6	5.9	183.2	17.2	21.3	19.4	87.9	71.7	68.2		0.12907560	0.10821815
HAWKINSON 12-22H3	258.8	74.4	10.8	351.9	84.5	11.5	846.6	33.6	97.8	26.0	285.3	471.1	376.1		0.17356172	
HAWKINSON 13-22H	364.3	121.6	12.7	584.6	138.3	13.6	1,000.4	39.8	115.6	18.7	313.8	592.1	385.7	Dec-29-2043	0.12478111	0.10456725
HAWKINSON 14-22H2	252.5	9.7	1.2	352.8	18.8	2.3	97.2	6.6	11.3	22.8	80.8	(11.1)	(3.0)	Jun-8-2028		0.12736304
HAWKINSON 15-22H	123.4	16.9	1.8	556.9	95.3	9.4	139.6	27.6	16.4	18.8	52.3	79.7	78.0		0.12545506	0.10530653
HAWKINSON 16-22HSL1	470.9	62.8	7.0	1,104.8	136.9	14.2	546.9	41.7	63.5	19.7	162.1	343.3	293.6		0.13115008	0.11064384
CARUS 2-28H1	369.6	116.3	0.6	476.9	125.1	0.6	49.5	1.9	5.7	0.9	16.5	28.1	18.2		0.00624632	0.00540410
CARUS 3-28H	318.7	42.0	0.2	826.0	146.2	0.7	17.9	2.2	2.1	0.9	4.0	13.1	12.2		0.00624618	0.00542512
CARUS 4-28H1	289.8	31.9	0.2	560.1	49.4	0.3	13.6	0.7	1.6	0.9	4.0	7.8	7.3	Aug-13-2028	0.00624618	0.00542512
CARUS 5-28H	328.9	51.2	0.3	675.2	91.3	0.5	21.8	1.4	2.5	0.9	5.0	14.7	13.3	Oct-18-2029	0.00624618	0.00542512
CARUS 6-28H1	463.4	45.1	0.2	1,000.4	77.8	0.4	19.3	1.2	2.2	0.9	5.4	11.8	10.7	Nov-29-2029	0.00624618	0.00542512
CARUS 7-28H	488.3	43.0	0.2	1,217.5	72.5	0.4	18.3	1.1	2.1	0.9	5.4	11.0	9.7	Oct-29-2030	0.00624618	0.00542512
CARUS 8-28H1	392.2	29.7	0.2	791.2	62.6	0.3	12.7	0.9	1.5	0.9	3.8	7.4	6.9	Aug-3-2028	0.00624618	0.00542512
CARUS 9-28H	489.5	81.1	0.4	1,398.4	218.5	1.1	34.6	3.3	4.0	0.9	8.2	24.7	21.0	Feb-28-2033	0.00624618	0.00542512
CARUS 10-28H1	514.0	33.2	0.2	1,306.0	193.0	1.0	14.2	2.9	1.7	0.9	4.1	10.4	9.8	Apr-19-2028	0.00624618	0.00542512
CARUS 11-28H	513.8	42.2	0.2	1,335.0	66.5	0.3	18.0	1.0	2.1	0.9	5.8	10.2	9.0	Dec-6-2030	0.00624618	0.00542512
CARUS 12-28HSL1	579.1	117.7	4.4	1,714.3	287.8	10.0	343.1	29.4	39.9	6.6	81.0	244.9	194.8	Sep-12-2036	0.04401465	0.03704083
CARUS 13-28H	780.4	68.8	0.4	1,151.2	127.7	0.6	29.2	1.9	3.4	0.9	6.9	19.9	17.3	Sep-5-2031	0.00624633	0.00540309
CARUS 14-28H1	292.2	39.1	0.2	548.0	104.3	0.5	16.7	1.6	1.9	0.9	4.1	11.2	10.5	Jul-27-2028	0.00624618	0.00542512
RODNEY 14-29HSL	245.7	60.5	0.2	542.8	182.6	0.5	12.9	1.4	1.5	0.5	3.0	9.3	8.4	May-24-2030	0.00312311	0.00271256
MORRIS 1-23H	393.8	3.9	0.2	413.9	9.5	0.4	15.0	1.3	1.7	8.7	12.3	(6.5)	(4.5)	Dec-15-2025	0.05821459	0.04930274
MORRIS 2-26H	326.7	5.5	0.3	366.1	11.5	0.6	25.8	1.9	3.0	10.6	20.4	(6.3)	(3.4)	Aug-17-2026	0.07047415	0.05969725
MORRIS 3-26H	520.5	2.0	0.1	582.7	10.1	0.6	9.6	1.7	1.1	10.6	8.1	(8.5)	(6.6)	Feb-3-2025	0.07047415	0.05969725
MORRIS 4-23HSL	401.6	30.1	3.3	720.3	52.4	5.4	262.3	16.0	30.4	19.7	97.3	130.9	120.3	Oct-5-2029	0.13115008	0.11064384
MORRIS 5-23H2	330.2	38.5	2.3	484.5	58.1	3.2	179.9	9.5	20.8	10.5	69.5	88.6	77.7	Jul-20-2031	0.07018195	0.05945807
MORRIS 6-23H	417.0	46.4	2.8	1,145.3	125.4	7.0	217.2	20.5	25.3	10.5	65.2	136.7	122.6		0.07018195	0.05945807
	-		-	,		-	_			. •				,		

# Andress Sandefer et al Group Total Proved + Probable + Possible as of January 1, 2024 Current Working Interest

							Curre	<u>nt</u> working	interest							
Units →	Mbbl	Mbbl	Mbbl	MMcf	MMcf	MMcf	M\$	M\$	M\$	М\$	M\$	M\$	М\$	MMM-D-YYYY	decimal	decimal
CaseName	CumOil	GrossOil	NetOil	CumGas	GrossGas	NetGas	OilRevenue	GasRevenue	ProductionTax	Investment	TotalCost	NonDiscCash	DiscCash	EconomicLimit	InitWrkInt	InitRevInt
MORRIS 7-26H2	404.4	35.6	1.5	940.9	98.3	4.0	120.3	11.6	14.0	7.6	39.0	71.3	65.8	Mar-28-2029	0.05072157	0.04297122
MORRIS 8-26H1	435.7	58.4	3.5	787.0	106.7	5.9	271.7	17.4	31.5	10.5	75.2	171.9	150.4	May-18-2031	0.06977371	0.05911219
MORRIS 9-26H	287.0	122.0	7.2	798.6	277.2	15.5	569.4	45.3	66.1	10.5	133.0	405.1	319.6	Jan-29-2037	0.07006586	0.05935138
MORRIS 10-26H2	249.9	76.3	4.5	487.1	154.6	8.6	356.1	25.3	41.3	10.5	104.1	225.5	184.3	Sep-1-2034	0.07006586	0.05935138
MORRIS 11-26H	321.5	102.6	6.1	705.7	220.2	12.3	479.0	36.0	55.6	10.5	119.9	329.0	262.7	Feb-27-2036	0.07006586	0.05935138
MORRIS 12-26H1	284.4	97.9	5.8	581.3	247.0	13.8	457.2	40.4	53.1	10.5	110.3	323.6	266.0	Oct-29-2034	0.07006586	0.05935138
MORRIS 13-26H	336.3	92.0	5.5	753.4	251.2	14.0	429.4	41.0	49.9	10.5	99.5	310.5	258.7	Mar-9-2034	0.07006586	0.05935138
MORRIS 14-26HSL2	341.4	89.1	2.6	746.0	251.8	7.0	207.9	20.6	24.2	5.3	46.7	152.4	130.1	Dec-19-2032	0.03503457	0.02967708
SUMMERFIELD 15-15H	398.7	27.6	0.1	656.7	48.3	0.2	9.6	0.6	1.1	0.8	4.5	3.8	3.4	Dec-30-2031	0.00510153	0.00443083
SUMMERFIELD 15H-1	258.2	30.4	0.2	380.3	49.8	0.3	13.0	0.7	1.5	0.9	5.5	5.8	5.1	Dec-13-2031	0.00624290	
SUMMERFIELD 15H-2	501.6	51.3	0.6	638.6	76.6	0.8	43.7	2.3	5.1	1.9	12.1	27.0	23.0	Dec-2-2031	0.01248575	
SUMMERFIELD 15H-3	325.6	49.1	0.5	443.4	57.7	0.6	41.9	1.7	4.8	1.9	15.2	21.7	17.3	Oct-18-2034	0.01248575	
SUMMERFIELD 15H-4	379.1	60.1	0.7	545.5	77.1	0.8	51.2	2.3	5.9	1.9	16.7	29.0	22.5	Nov-13-2035	0.01248575	
SUMMERFIELD 15H-5	307.9	52.6	0.6	418.1	56.6	0.6	44.9	1.7	5.2	1.9	15.5	24.0	18.9	Mar-13-2035	0.01248575	
SUMMERFIELD 15H-6	312.3	50.5	0.5	404.7	56.9	0.6	43.1	1.7	5.0	1.9	15.6	22.4	17.8	Dec-5-2034	0.01248575	
WHITMAN 11-34H	585.5	-	0.5	539.7	30.9	0.0	43.1	1.7	5.0	0.0	0.0	(0.0)	(0.0)	Oct-30-2024	0.01248373	0.01004423
WHITMAN 2-34H	1,816.5	32.9	1.7	1,943.2	40.5	1.9	132.5	5.7	15.3	9.1	35.7	78.1	71.3	Mar-11-2029	0.06094789	0.05116878
WHITMAN 3-34H	1,131.6	35.3	1.7	1,473.0	45.6	2.2	141.0	6.4	16.3	9.1	34.8	87.2	81.7	Apr-20-2028	0.06052697	0.05116878
	-			,					0.0						0.06052697	0.05061555
WHITMAN FILL 5-34H1	387.1	105.6	0.0	572.8	351.7	0.0	0.0	0.0		0.0	0.0	0.0	0.0	Sep-21-2028	-	
WHITMAN FIU 5-34H	484.2	161.0	0.0	919.0	439.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	May-20-2031	-	
WHITMAN FIU 6-34H2	424.7	147.8	0.0	643.3	469.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jul-17-2030	-	
WHITMAN FIU 7-34H1	449.8	160.8	0.0	732.6	509.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Aug-9-2030	-	
WHITMAN FIU 8-34H	412.2	129.1	0.0	884.1	305.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Aug-17-2030	-	
WHITMAN FIU 9-34H2	281.9	144.3	0.0	496.6	420.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	May-23-2031	-	
WHITMAN FIU 10-34H	234.7	102.5	0.0	440.2	203.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Feb-2-2030	-	
WHITMAN FIU 12-34H2	266.2	133.9	0.0	436.5	224.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Apr-7-2031	-	
WHITMAN FIU 13-34HSL1	155.2	87.1	0.0	378.7	180.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Sep-26-2030	-	
BANG 1-33H	470.2	70.5	0.0	675.7	169.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jul-20-2028	-	-
BANG 2-33T	300.3	44.9	0.0	342.4	48.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	May-16-2029	-	-
BANG 3-33H1	260.9	45.3	0.0	363.1	151.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Dec-7-2027	-	-
BANG 4-4H	248.2	81.2	0.0	516.0	247.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jan-6-2029	-	-
BANG 5-4H1	205.1	102.2	0.0	283.9	269.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Feb-17-2030	-	-
BANG 6-4H	257.9	97.2	0.0	408.2	312.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Aug-28-2029	-	-
BANG 7-4H1	234.8	80.8	0.0	351.1	262.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jan-22-2029	-	-
BANG 8-4H	272.5	55.2	0.0	433.2	194.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Dec-6-2027	-	-
BANG 9-4H1	274.7	88.5	0.0	343.7	233.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Aug-27-2029	-	-
BANG 10-4H	292.0	66.0	0.0	460.0	222.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Aug-1-2028	-	
BANG 11-4H1	292.1	86.5	0.0	448.3	279.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Nov-1-2028	-	
BANG 12-4H	299.1	43.3	0.0	502.7	150.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Apr-30-2027	-	_
BANG 13-4H1	271.7	74.0	0.0	435.3	234.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jan-14-2028	-	
BANG FIU 14-4HSL	343.6	103.0	0.0	535.2	334.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Sep-2-2029	-	
GALE 14-32HSL	328.1	75.9	0.0	551.5	246.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Dec-20-2028	-	
BRANDVIK 14-24H	257.9	-	-	238.5	0.0	-	-	-	-	0.0	0.0	(0.0)	(0.0)	Oct-30-2024	_	
BRANDVIK 2-25H	525.5	81.1	0.0	607.5	103.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jan-3-2039	_	
BRANDVIK 3-25H	386.9	133.4	0.0	444.8	144.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Dec-11-2043	_	
BRANDVIK 3-25H1	337.2	53.6	0.0	360.1	61.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jun-16-2037		
BRANDVIK 5-25H1	524.2	66.0	0.0	865.3	75.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Mar-26-2032	-	
BRANDVIK 5-25H1 BRANDVIK 6-25H	426.3	122.3	0.0	796.0	183.1	0.0	0.0		0.0	0.0	0.0	0.0	0.0		-	
								0.0						Dec-16-2037	-	
BRANDVIK 7-25H2	315.4	55.9	0.0	594.3	97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Nov-5-2031	-	
BRANDVIK 8-25H1	475.1	23.0	0.0	1,183.5	73.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Mar-2-2028	-	-

# Andress Sandefer et al Group Total Proved + Probable + Possible as of January 1, 2024 <u>Current</u> Working Interest

							Currer	it working	interest							
Units →	Mbbl	Mbbl	Mbbl	MMcf	MMcf	MMcf	M\$	M\$	M\$	M\$	M\$	M\$	M\$	MMM-D-YYYY	decimal	decimal
CaseName	CumOil	GrossOil	NetOil		GrossGas	NetGas	OilRevenue	GasRevenue	ProductionTax	Investment	TotalCost	NonDiscCash	DiscCash	EconomicLimit	InitWrkInt	InitRevInt
BRANDVIK 9-25H	439.7	19.5	0.0	982.0	92.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Mar-23-2028	-	-
BRANDVIK 10-25H2	431.7	109.1	0.0	1,314.6	305.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Oct-20-2038	-	-
BRANDVIK 11-25H	411.8	79.3	0.0	820.0	116.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jul-1-2036	-	-
BRANDVIK 12-25H	403.1	77.2	0.0	1,017.2	249.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Mar-18-2030	-	-
MERIWETHER 1A MBH-ULW	416.3	68.0	0.0	705.8	96.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	May-31-2031	-	-
STATE WEYDAHL 44-36H	363.0	2.4	-	321.6	11.1	0.0	0.0	0.0	0.0	0.0	0.0	(0.0)	(0.0)	May-20-2025	-	-
STATE WEYDAHL 2-36H	492.3	70.7	0.0	510.4	74.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jul-21-2037	-	-
STATE WEYDAHL 3-36H1	414.6	39.9	0.0	493.0	66.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Aug-9-2035	-	-
STATE WEYDAHL 4-36H1	618.9	206.7	0.0	681.8	237.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Aug-14-2046	-	-
STATE WEYDAHL 5-36H1	616.7	18.8	0.0	826.6	25.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	May-10-2027	-	_
STATE WEYDAHL 6-36H	239.1	61.6	0.0	319.2	75.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jul-1-2034	-	
STATE WEYDAHL 7-36H2	289.4	104.3	0.0	438.3	125.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jun-8-2039	_	
STATE WEYDAHL 8-36H1	545.9	53.7	0.0	964.0	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Apr-10-2031	-	
STATE WEYDAHL 9-36H	517.5	113.1	0.0	991.3	298.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jun-24-2034	-	
STATE WEYDAHL 10-36H2	377.4	81.6	0.0	746.7	266.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jan-18-2035	-	
STATE WEYDAHL 11-36H	526.9	58.8	0.0	1,246.6	173.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Apr-7-2031		
STATE WEYDAHL 12-36H	448.9	129.5	0.0	860.1	251.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Sep-10-2032		
PRAIRIE ROSE 1A MBH-ULW	495.0	70.5	0.0	834.0	114.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	May-31-2030		
DVIRNAK 10-7HSL1	268.1	149.1	0.0	333.4	193.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Dec-21-2033	-	
Total Proved Producing	50,480.6	8,118.4	193.8	86,305.9	17,677.2	350.3	15,248.1	1,026.2	1,767.7	608.4	4,528.5	9,369.6	<b>7,592.0</b>	Dec-21-2033	_	_
CARUS TF2 Loc1	30,480.0	455.3	2.5	00,303.3	812.1	4.1	194.3	12.1	22.5	43.4	17.0	123.5	77.9	Feb-18-2040	0.00624619	0.00542321
	-		2.5	-					22.5		17.0					0.00542321
CARUS TF2 Loc2	-	455.3		-	812.1	4.1	194.3	12.1		43.4		123.5	77.2	Mar-20-2040	0.00624619	
CARUS TF2 Loc3	-	455.3	2.5	-	812.1	4.1	194.3	12.1	22.5	43.4	17.0	123.5	76.6	Apr-20-2040	0.00624619	0.00542321
SUMMERFIELD TF2 Loc1	-	363.1	3.9	-	648.6	6.6	309.8	19.4	35.9	65.6	29.1	198.5	123.3	Apr-22-2039	0.01248575	
SUMMERFIELD TF2 Loc2	-	363.1	3.9	-	648.6	6.6	309.8	19.4	35.9	65.6	29.1	198.5	122.3	May-23-2039	0.01248575	0.01084425
SUMMERFIELD TF2 Loc3	-	363.1	3.9	-	648.6	6.6	309.8	19.4	35.9	65.6	29.1	198.5	121.3	Jun-22-2039	0.01248575	0.01084425
Total Proved Undeveloped	-	2,455.3	19.2	-	4,382.2	32.3	1,512.1	94.5	175.2	326.9	138.4	966.1	598.5		-	_
Total Proved	50,480.6	10,573.7	213.0	-	22,059.4	382.6	16,760.2	1,120.7	1,942.9	935.3	4,666.9	10,335.8	8,190.5		-	-
iPB_CARSON PEAK 3-35H	0.5	18.7	1.1	1.0	32.3	1.8	88.0	5.3	10.2	-	20.5	62.6	48.2	Sep-29-2032	0.07047412	
iPB_CARSON PEAK 5-35H2	1.0	23.0	1.4	2.0	42.4	2.4	106.9	6.9	12.4	-	20.5	81.0	65.0	Jan-20-2032	0.06977372	
iPB_CARSON PEAK 6-35H1	0.2	33.9	1.5	0.6	81.7	3.3	114.5	9.7	13.3	-	17.5	93.4	70.1	Sep-4-2033	0.05072160	0.04297122
iPB_CARSON PEAK 7-35H	1.1	37.5	1.6	4.4	148.3	6.0	126.8	17.5	14.8	-	18.5	111.0	86.9	May-2-2033	0.05072153	0.04297122
iPB_CARSON PEAK 8-35H2	0.2	24.3	1.0	0.4	45.5	1.8	82.1	5.4	9.5	-	13.6	64.3	50.4	Nov-23-2031	0.05072153	0.04297122
iPB_CARSON PEAK 9-35H	0.6	38.2	2.3	3.0	179.0	10.0	178.3	29.3	20.9	-	25.9	160.7	128.1	Jun-14-2032	0.07006586	0.05935138
iPB_CARSON PEAK 10-35H1	0.8	27.9	1.7	4.0	139.6	7.8	130.4	22.8	15.3	-	22.3	115.6	90.1	Mar-27-2033	0.07006586	0.05935138
iPB_CARSON PEAK 11-35H2	0.6	21.0	1.2	1.8	66.7	3.7	98.1	10.9	11.4	-	17.4	80.2	62.8	May-11-2032	0.07006585	0.05935137
iPB_CARSON PEAK 12-35H1	0.6	15.9	0.9	2.8	88.2	4.9	74.3	14.4	8.7	-	14.3	65.7	53.7	Jan-15-2031	0.07006585	0.05935138
iPB_CARSON PEAK 13-35H	0.6	19.0	1.1	2.4	82.4	4.6	88.5	13.5	10.4	-	16.8	74.8	59.5	Dec-11-2031	0.07006585	0.05935137
iPB_CARSON PEAK 14-35HSL2	0.6	19.5	0.6	2.4	86.0	2.4	45.5	7.0	5.3	-	8.4	38.8	30.9	Dec-8-2031	0.03503457	0.02967708
iPB_HAWKINSON 1-22H	0.1	48.6	4.1	0.5	76.9	6.1	322.9	17.9	37.4	-	113.7	189.7	55.5	Dec-12-2063	0.10058786	0.08444616
iPB_HAWKINSON 2-27H	0.1	15.1	0.8	0.2	18.1	0.9	61.0	2.5	7.0	-	25.3	31.2	21.0	Mar-24-2035	0.06094789	0.05116878
iPB_HAWKINSON 4-22H2	0.8	30.4	3.8	3.8	119.9	13.9	295.5	40.8	34.5	-	40.9	260.8	177.8	Aug-12-2040	0.14703037	0.12343418
iPB HAWKINSON 5-22H	0.1	37.0	3.9	0.3	61.0	6.1	308.0	17.8	35.7	-	88.4	201.7	83.9	Jan-12-2049	0.12664487	0.10591702
iPB HAWKINSON 7-22H2	-	33.8	3.8	-	36.4	3.8	296.1	11.2	34.2	-	157.2	115.8	40.3	Jun-13-2048	0.13550713	0.11120059
iPB HAWKINSON 8-22H	0.4	15.5	1.4	2.5	53.9	4.5	109.3	13.3	12.8	-	45.4	64.5	53.5	Mar-12-2032	0.10703258	0.08952773
iPB_HAWKINSON 10-22H1	0.4	31.4	2.7	2.2	41.1	3.4	215.2	9.9	24.9	-	111.7	88.5	66.6	Mar-11-2037	0.10384050	0.08717536
iPB HAWKINSON 11-22H2	0.8	25.2	2.7	5.1	91.5	9.3	214.2	27.3	25.0	-	54.1	162.3	128.2	Apr-17-2033	0.12907560	0.10821815
iPB HAWKINSON 12-22H3	0.0	25.9	3.7	0.0	33.2	4.5	294.9	13.2	34.1	-	88.9	185.1	97.1	Apr-24-2041	0.17356172	0.14459683
iPB HAWKINSON 13-22H	0.2	29.0	3.0	0.6	49.1	4.8	238.7	14.1	27.6	-	56.8	168.4	81.5	Apr-21-2047	0.12478111	
iPB HAWKINSON 15-22H2	0.2	20.6	2.2	1.3	87.8	8.7	170.7	25.5	20.0		72.1	104.1	84.0	May-17-2032	0.12545506	
" P I I WAN KII A PO I A TO - S S I I S	0.1	20.0	۷.۷	1.3	07.0	0.7	1/0./	۷	20.0	-	/ 2.1	104.1	04.0	IVIUY 17-2032	0.12343300	0.1000000

# Andress Sandefer et al Group Total Proved + Probable + Possible as of January 1, 2024 <u>Current</u> Working Interest

Units →	Mbbl	Mbbl	Mbbl	MMcf	MMcf	MMcf	M\$	M\$	M\$	M\$	M\$	M\$	M\$	MMM-D-YYYY	decimal	decimal
CaseName	CumOil	GrossOil	NetOil	CumGas	GrossGas	NetGas	OilRevenue	GasRevenue	ProductionTax	Investment	TotalCost	NonDiscCash	DiscCash	EconomicLimit	InitWrkInt	InitRevInt
iPB_HAWKINSON 16-22HSL1	0.2	42.1	4.7	1.0	96.6	10.0	366.2	29.4	42.5	-	120.6	232.5	146.8	Oct-15-2039	0.13115008	0.11064384
iPB_CARUS 12-28HSL1	0.1	33.6	1.2	0.4	146.6	5.1	97.9	15.0	11.5	-	25.0	76.4	45.8	Sep-15-2040	0.04401465	0.03704083
iPB_MORRIS 4-23HSL	0.0	18.4	2.0	0.1	34.5	3.6	160.2	10.5	18.6	-	57.3	94.8	69.4	Apr-18-2033	0.13115008	0.11064384
iPB_MORRIS 5-23H2	0.6	14.0	0.8	1.6	34.9	2.0	65.6	5.7	7.6	-	15.1	48.7	38.4	Oct-28-2032	0.07018195	0.05945807
iPB_MORRIS 6-23H	0.1	25.4	1.5	0.4	81.5	4.6	118.9	13.3	13.9	-	36.2	82.2	60.0	Dec-16-2033	0.07018195	0.05945807
iPB_MORRIS 7-26H2	0.2	19.5	0.8	0.8	65.3	2.6	65.8	7.7	7.7	-	20.8	45.0	35.1	Dec-27-2031	0.05072157	0.04297122
iPB_MORRIS 8-26H1	0.0	15.9	0.9	0.1	45.1	2.5	74.1	7.3	8.6	-	21.7	51.1	36.6	Jul-21-2033	0.06977371	0.05911219
iPB_MORRIS 9-26H	0.5	54.0	3.2	2.5	177.9	9.9	252.3	29.1	29.4	-	56.8	195.1	117.4	Jul-17-2042	0.07006586	0.05935138
iPB_MORRIS 10-26H2	0.3	35.0	2.1	1.5	98.9	5.5	163.4	16.2	19.0	-	44.6	116.0	74.1	Jan-29-2039	0.07006586	0.05935138
iPB_MORRIS 11-26H	0.4	45.4	2.7	1.9	139.2	7.8	212.0	22.7	24.7	-	50.7	159.3	97.6	Mar-6-2041	0.07006586	0.05935138
iPB_MORRIS 12-26H1	0.4	38.3	2.3	2.1	149.7	8.4	179.0	24.5	20.9	-	42.3	140.2	91.8	Nov-23-2038	0.07006586	0.05935138
iPB_MORRIS 13-26H	0.4	35.1	2.1	2.3	152.6	8.5	164.0	24.9	19.2	-	37.1	132.7	89.5	Nov-25-2037	0.07006586	0.05935138
iPB_MORRIS 14-26HSL2	0.5	32.5	1.0	2.7	148.3	4.1	76.0	12.1	8.9	-	16.6	62.6	44.7	Jan-27-2036	0.03503457	0.02967708
iPB_WHITMAN 2-34H	0.1	9.3	0.5	0.2	14.9	0.7	37.3	2.1	4.3	-	8.5	26.5	21.0	Jun-3-2030	0.06094789	0.05116878
iPB_WHITMAN 3-34H	0.9	20.0	1.0	1.4	28.6	1.4	80.1	4.0	9.3	-	16.0	58.8	49.4	Mar-18-2030	0.06052697	0.05081535
Total Probable Producing	14.7	1,030.1	73.4	60.0	3,075.6	191.4	5,772.6	560.6	671.6	-	1,619.6	4,042.0	2,652.8		-	-
Total Probable	14.7	1,030.1	73.4	60.0	3,075.6	191.4	5,772.6	560.6	671.6	-	1,619.6	4,042.0	2,652.8		-	-
CARSON PEAK TF3 Loc1	-	522.5	31.0	-	914.8	51.0	2,439.8	149.5	282.6	487.0	170.6	1,649.1	1,113.2	Jan-13-2033	0.07006585	0.05935138
CARSON PEAK TF3 Loc2	-	522.5	31.0	-	914.9	51.0	2,439.8	149.5	282.6	487.0	170.6	1,649.1	1,103.8	Feb-13-2033	0.07006585	0.05935138
CARSON PEAK TF3 Loc3	-	522.5	31.0	-	914.8	51.0	2,439.8	149.5	282.6	487.0	170.6	1,649.1	1,094.5	Mar-16-2033	0.07006585	0.05935138
CARUS TF3 Loc1	-	522.5	2.8	-	914.8	4.7	222.9	13.7	25.8	43.4	15.2	152.2	100.3	Apr-15-2033	0.00624619	0.00542321
CARUS TF3 Loc2	-	522.5	2.8	-	914.8	4.7	222.9	13.7	25.8	43.4	15.2	152.2	99.4	May-16-2033	0.00624619	0.00542321
CARUS TF3 Loc3	-	522.5	2.8	-	914.8	4.7	222.9	13.7	25.8	43.4	15.2	152.2	98.6	Jun-15-2033	0.00624619	0.00542321
MORRIS TF3 Loc1	-	522.5	31.0	-	914.8	51.0	2,439.8	149.5	282.6	487.0	170.6	1,649.1	1,058.7	Jul-16-2033	0.07006586	0.05935138
MORRIS TF3 Loc2	-	522.5	31.0	-	914.8	51.0	2,439.8	149.5	282.6	487.0	170.6	1,649.1	1,049.8	Aug-16-2033	0.07006586	0.05935138
MORRIS TF3 Loc3	-	522.5	31.0	-	914.8	51.0	2,439.8	149.5	282.6	487.0	170.6	1,649.2	1,041.9	Sep-13-2033	0.07006586	0.05935138
SUMMERFIELD TF3 Loc1	-	417.8	4.5	-	731.6	7.5	356.4	21.8	41.3	65.6	25.8	245.6	154.7	Jul-17-2033	0.01248575	0.01084425
SUMMERFIELD TF3 Loc2	-	417.8	4.5	-	731.6	7.5	356.4	21.8	41.3	65.6	25.8	245.6	153.5	Aug-16-2033	0.01248575	0.01084425
SUMMERFIELD TF3 Loc3	-	417.8	4.5	-	731.6	7.5	356.4	21.8	41.3	65.6	25.8	245.6	152.2	Sep-16-2033	0.01248575	0.01084425
WHITMAN TF3 Loc1	-	522.5	26.6	-	914.8	43.8	2,096.2	128.4	242.8	422.1	147.9	1,411.8	862.3	Jan-13-2034	0.06073743	0.05099207
WHITMAN TF3 Loc2	-	522.5	26.6	-	914.8	43.8	2,096.2	128.4	242.8	422.1	147.9	1,411.8	855.0	Feb-13-2034	0.06073743	0.05099207
WHITMAN TF3 Loc3	-	522.5	26.6	-	914.8	43.8	2,096.2	128.4	242.8	422.1	147.9	1,411.8	847.9	Mar-16-2034	0.06073743	0.05099207
Total Possible Undeveloped	-	7,523.8	288.1	-	13,172.7	474.1	22,665.7	1,388.8	2,625.8	4,515.0	1,590.3	15,323.4	9,786.0		-	-
Total Possible	-	7,523.8	288.1	-	13,172.7	474.1	22,665.7	1,388.8	2,625.8	4,515.0	1,590.3	15,323.4	9,786.0		-	-
<b>Grand Total</b>	50,495.2	19,127.6	574.5	86,366.0	38,307.7	1,048.1	45,198.4	3,070.2	5,240.3	5,450.3	7,876.8	29,701.2	20,629.3		-	-

#### Notes:

- 1) Mbbl = thousands of barrels; MMcf = million standard cubic feet; M\$ = thousands of U.S. dollars; FNR = Future Net Revenue
- 2) This summary ties exactly to Andress Sandefer et al combined (i.e., total) <u>Current</u> Working Interest and matches the values shown in Tables I VIII of this report

# Andress Sandefer et al Group Total Proved + Probable + Possible as of January 1, 2024 Anticipated Working Interest

CaseName
CARSON PEAX 4-2+H
CARSON PEAX 235H  CARSON PEAX 35H  CARSON PEAX 635H  CARSON PEAX 6
CARSON PEAK 3-95H   91.0   38.1   2.3   8494   5.5   3.0   179.1   8.8   20.7   10.6   5.13   10.5   94.6   Apr-76-2030   0.0704721   0.09598726   CARSON PEAK 5-95H2   73.10   45.7   2.7   1.1742   67.4   3.8   21.40   11.0   24.8   10.5   53.3   136.4   12.0   Dect-15-2029   0.07018129   0.09598726   CARSON PEAK 6-95H1   66.77   11.75   7.0   1.7269   20.0   11.6   549.6   34.0   63.7   10.5   75.3   136.4   12.0   Dect-15-2029   0.07018129   0.09598726   CARSON PEAK 7-95H   76.59   108.0   6.4   1.382.0   28.90   16.2   505.2   47.3   58.7   10.5   74.4   40.89   36.47   Dect-19-2039   0.07018129   0.09598726   CARSON PEAK 8-95H   48.67   96.5   5.8   1.0021   336.4   18.9   453.4   55.3   5.29   10.6   62.8   38.24   347.7   Dect-12-2029   0.07018129   0.09598726   CARSON PEAK 9-95H   48.67   96.5   5.8   1.0021   336.4   18.9   453.4   55.3   5.29   10.6   62.8   38.24   347.7   Dect-12-2029   0.07047121   0.09598726   CARSON PEAK 1-35H2   50.07   79.4   4.7   7.96.8   15.9   8.9   37.27   52.2   43.2   10.6   66.1   27.9   24.8   4.18
CARSON PEAK 4-35HSL ARAGE SHET AR
CARSON PEAK - S5H2
CARSON PEAK 6-35H1 66.77 117.5 7.0 1,269.4 207.6 11.6 549.6 34.0 63.7 10.5 75.1 43.42 385.1 Mar-26-2031 0.0701820 0.0954807 CARSON PEAK 8-35H2 82.47 97.9 5.8 1,037.9 141.2 7.9 457.8 23.1 53.0 10.5 76.6 349.8 316.1 Feb-3-2030 0.07018207 0.0954807 CARSON PEAK 8-35H2 82.47 97.9 5.5 8 1,037.9 141.2 7.9 457.8 23.1 53.0 10.5 76.6 349.8 316.1 Feb-3-2030 0.07018207 0.0954807 CARSON PEAK 9-35H 486.7 96.5 5.8 1,002.1 336.4 18.9 457.8 23.1 53.0 10.5 76.6 349.8 316.1 Feb-3-2030 0.07018107 0.0954807 CARSON PEAK 9-35H 486.7 96.5 5.8 1,009.9 260.6 14.6 401.8 42.8 46.8 10.6 71.2 316.0 280.4 ian-28-2031 0.07047412 0.05999726 CARSON PEAK 13-35H 493.1 85.6 5.1 1,089.9 260.6 14.6 401.8 42.8 46.8 10.6 71.2 316.0 280.4 ian-28-2031 0.07047412 0.05999726 CARSON PEAK 13-35H 401.7 54.2 3.2 80.2 175.4 9.8 254.3 28.8 29.6 10.6 61.6 279.0 280.9 August 20.00047411 0.05999726 CARSON PEAK 13-35H 401.7 54.2 3.2 80.2 175.4 9.8 254.3 28.8 29.6 10.6 61.6 51.6 191.3 174.4 jul-22-2029 0.07047411 0.05999726 CARSON PEAK 13-35H 401.7 54.2 3.2 80.2 175.4 9.8 254.3 28.8 29.6 10.6 61.6 51.6 191.3 174.4 jul-22-2029 0.07047411 0.05999726 CARSON PEAK 14-35H3L2 410.9 70.4 2.1 782.7 1846.6 5.2 165.4 15.2 192.5 15.3 31.3 12.4 8 11.2 1 Apr-11-2030 0.07047411 0.05999726 CARSON PEAK 14-35H3L2 410.9 70.4 2.1 782.7 1846.6 5.2 165.4 15.2 192.5 15.3 31.3 12.4 8 11.2 1 Apr-11-2030 0.05998780 CARSON PEAK 14-35H3L2 410.9 70.4 2.1 782.7 1846.6 5.2 165.4 15.2 192.5 15.3 31.3 12.8 12.8 12.1 Apr-11-2030 0.0598780 CARSON PEAK 14-35H3L2 410.9 70.4 2.1 782.7 1846.6 5.2 165.4 15.2 192.5 15.3 31.3 12.8 12.8 12.1 Apr-11-2030 0.0598780 CARSON PEAK 14-35H3L2 410.9 70.4 21.1 782.7 1846.5 5.2 165.4 15.2 192.5 15.5 13.1 34.7 41.8 70.2 12.7 Apr-12-2030 0.0598780 CARSON PEAK 14-35H3L2 410.9 70.4 21.2 1.7 Apr-11-2030 0.0598780 CARSON PEAK 14-35H3L2 410.9 70.4 21.2 1.7 Apr-11-2030 0.0598780 CARSON PEAK 14-35H3L2 410.9 70.4 21.2 1.7 Apr-11-2030 0.0598780 CARSON PEAK 14-35H3L2 410.9 70.4 21.2 1.7 Apr-11-2030 0.0598780 CARSON PEAK 14-35H3L2 410.9 70.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0
CARSON PEAK 7-39H CARSON PEAK 6-39H CARSON PEAK 1-39H CARSON PEAK
CARSON PEAK R-35H2  486.7  95.5  10021  336.4  139.3  486.7  95.5  10021  336.4  139.3  141.2  79.9  457.8  453.4  53.5  53.5  1006  458.3  106.6  62.8  332.4  347.7  94.1  9
CARSON PEAK 9-35H
CARSON PEAK ID-35H1 493.1 85.6 5.1 1,069.9 260.6 14.6 401.8 42.8 44.8 10.6 71.2 316.0 280.4 Jan-28-20.31 0,07047412 0,05969725 CARSON PEAK ID-35H1 509.7 794 4.7 796.8 150.3 8.9 377.7 76.2 43.2 10.6 66.1 279.0 248.9 Augus-1-20.20 0,07047411 0,05969725 CARSON PEAK ID-35H1 401.7 54.2 3.2 80.2 175.4 9.8 254.3 28.8 29.6 10.6 51.6 191.3 174.4 Jul-22-2029 0,07047411 0,05969725 CARSON PEAK ID-35H1 428.1 66.7 4.0 784.3 173.1 9.7 313.5 28.5 36.4 10.6 61.5 233.4 209.6 Apr-11-2030 0,07047411 0,05969725 CARSON PEAK ID-35H1 428.1 66.7 4.0 784.3 173.1 9.7 313.5 28.5 36.4 10.6 61.5 233.4 209.6 Apr-11-2030 0,07047411 0,05969725 CARSON PEAK ID-35H1 435H1 42 40.9 70.4 2.1 782.7 184.6 5.2 165.4 15.2 19.2 5.3 31.3 12.4 11.2 Apr-11-2030 0,07047411 0,05969725 CARSON PEAK ID-35H1 455H1 40.9 70.4 2.1 782.7 184.6 5.2 165.4 15.2 19.2 5.3 31.3 12.4 11.2 Apr-11-2030 0,07047411 0,05969725 CARSON PEAK ID-35H1 455H1 40.9 70.9 12.6 16.5 16.5 16.5 16.5 19.1 347.7 418.7 22.1 74.7 Apr-11-2050 0,07047411 0,05969725 CARSON PEAK ID-35H1 40.5 19.1 11.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
CARSON PEAK 11-35H2 599.7 P9.4 4.7 P9.6.8 159.3 8.9 97.7 26.2 43.2 10.6 66.1 279.0 248.9 Aug18-2030 0.07047411 0.05969725 (CARSON PEAK 13-35H 401.7 54.2 3.2 80.2.2 175.4 9.8 254.3 28.8 29.6 10.6 51.6 191.3 174.4 Jul-22-2030 0.07047411 0.05969725 (CARSON PEAK 13-35H 428.1 66.7 4.0 784.3 173.1 9.7 313.5 28.5 36.4 10.6 61.5 233.4 209.6 Apr.11-2030 0.07047411 0.05969725 (CARSON PEAK 13-35H 428.1 4.05) 70.4 2.1 782.7 184.6 5.2 165.4 15.2 19.2 5.3 31.3 124.8 112.1 Apr.11-2030 0.07047411 0.05969725 (CARSON PEAK 14-35H512) 410.9 70.4 2.1 782.7 184.6 5.2 165.4 15.2 19.2 5.3 31.3 124.8 112.1 Apr.11-2030 0.07047411 0.05969725 (CARSON PEAK 14-35H512) 410.9 70.4 2.1 782.7 184.6 5.2 165.4 15.2 19.2 5.3 31.3 124.8 112.1 Apr.11-2030 0.05323870 0.03848021 HAWKINSON 2-27H 512.9 31.2 1.6 666.3 34.1 1.6 125.6 4.8 14.5 9.1 53.1 53.7 47.2 Aug15-2031 0.06094789 0.05116878 HAWKINSON 3-27H 401.5 13.2 0.7 630.5 27.8 13.3 53.1 3.9 6.2 9.1 36.3 5.3 7.6 Aug5-2029 0.06094789 0.05116878 HAWKINSON 4-22H2 481.5 122.3 7.5 802.1 205.6 11.9 593.6 34.9 68.7 11.0 155.9 392.8 28.9 May-7-2039 0.07351519 0.06171709 HAWKINSON 5-22H 579.1 111.9 5.9 1,155.9 137.7 6.9 466.1 201 53.9 9.5 147.9 274.8 811.3 May-7-2039 0.07351519 0.06171709 HAWKINSON 5-22H 276.1 58.9 3.3 681.6 62.6 3.3 257.5 9.6 29.7 10.2 111.2 116.0 85.6 Feb-22-2038 0.06775357 0.0556030 HAWKINSON 8-22H 276.1 58.9 3.3 681.6 62.6 3.3 257.5 9.6 29.7 10.2 111.2 116.0 85.6 Feb-22-2038 0.06755357 0.0556030 HAWKINSON 9-22H3 151.3 0.0 0.0 237.7 0.0 0.0 0.0 0.0 0.0 0.0 9.7 1.9 (11.6) (9.9) 0.0-30-2024 0.06453780 0.0541097 HAWKINSON 19-22H 295.8 151.3 0.0 0.0 237.7 0.0 0.0 0.0 0.0 0.0 0.0 9.7 1.9 (11.6) (9.9) 0.0-30-2024 0.06453780 0.0541097 HAWKINSON 19-22H 295.8 151.3 0.0 0.0 237.7 0.0 0.0 0.0 0.0 0.0 0.0 9.7 1.9 (11.6) (9.9) 0.0-30-2024 0.06453780 0.0541097 HAWKINSON 19-22H 295.8 151.3 0.0 0.0 237.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 9.7 1.9 (11.6) (9.9) 0.0-30-2024 0.06453780 0.0541097 HAWKINSON 19-22H 295.8 151.3 0.0 0.0 237.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 9.7 1.9 (11.6) (9.9) 0.0-30-2024 0.0645
CARSON PEAK 11-35H2 599.7 P9.4 4.7 79.6.8 159.3 8.9 37.7 26.2 43.2 10.6 66.1 279.0 248.9 Aug.18-2030 0.07047411 0.05969725 (CARSON PEAK 12-35H) 401.7 54.2 3.2 802.2 175.4 9.8 254.3 28.8 29.6 10.6 51.6 191.3 174.4 July-2-2020 0.07047411 0.05969725 (CARSON PEAK 13-35H) 428.1 66.7 4.0 784.3 173.1 9.7 313.5 28.5 36.4 10.6 61.5 233.4 200.6 Apr.11-2030 0.07047411 0.05969725 (CARSON PEAK 13-35H) 428.1 410.9 70.4 2.1 782.7 184.6 5.2 165.4 15.2 19.2 5.3 31.3 124.8 112.1 Apr.11-2030 0.07047411 0.05969725 (CARSON PEAK 14-35H512) 410.9 70.4 2.1 782.7 184.6 5.2 165.4 15.2 19.2 5.3 31.3 124.8 112.1 Apr.11-2030 0.07047411 0.05969725 (CARSON PEAK 14-35H512) 410.9 70.4 2.1 782.7 184.6 5.2 165.4 15.2 19.2 5.3 31.3 124.8 112.1 Apr.11-2030 0.03323870 0.02885002 (ADMINISTRA) 410.5 19.2 10.5 10.5 10.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19
CARSON PEAK 12-35H1 4017 5-42 32 80.2 175.4 9.8 2543 28.8 29.6 10.6 51.6 1913 174.4 July 22-2029 0.07047411 0.05969725 CARSON PEAK 13-35H 428.1 66.7 4.0 784.3 173.1 9.7 313.5 28.5 36.4 10.6 61.5 233.4 209.6 Apr-11-203 0.07047411 0.05969725 CARSON PEAK 13-35H2 410.9 70.4 2.1 782.7 184.6 5.2 165.4 15.2 19.2 5.3 31.3 124.8 112.1 Apr-11-203 0.03523870 0.0938502 HAWKINSON 1-22H 759.9 126.9 10.7 1,036.1 153.6 12.2 843.2 35.7 97.5 15.1 347.7 418.7 221.7 Apr-21-2054 0.10058786 0.08444616 HAWKINSON 2-27H 401.5 13.2 0.7 630.5 27.8 13.3 34.1 1.6 125.6 4.8 14.5 91. 53.1 53.7 47.2 Aug-15-2031 0.06964789 0.05116878 HAWKINSON 3-27H 401.5 13.2 0.7 630.5 27.8 13. 53.1 3.9 6.2 91. 36.3 5.3 7.6 Aug-5-2029 0.06064789 0.06116878 HAWKINSON 3-27H 401.5 13.2 0.7 630.5 27.8 13.9 53.1 3.9 6.2 91. 36.3 5.3 7.6 Aug-5-2029 0.06064789 0.06116878 HAWKINSON 3-27H 579.1 111.9 5.9 1,155.9 137.7 6.9 466.1 20.1 53.9 35.1 41.9 274.8 181.3 May-20-2043 0.0633224 0.05295851 HAWKINSON 6-22H3 259.2 32.7 2.8 550.3 44.0 3.5 220.3 10.4 25.5 15.5 120.9 68.8 59.0 Jan-19-204 0.10332792 0.08552809 HAWKINSON 7-22H2 276.1 58.9 33. 681.6 6.2 6.3 3.3 257.5 9.6 29.7 10.2 111.2 116.0 85.6 Feb-22-2088 0.06759357 0.0560030 HAWKINSON 8-22H 276.1 58.9 33. 681.6 6.2 6.3 3.3 257.5 9.6 29.7 10.2 111.2 116.0 85.6 Feb-22-2088 0.06759357 0.0560030 HAWKINSON 8-22H 276.1 58.9 33. 681.6 6.2 6.3 3.3 257.5 9.6 29.7 10.2 111.2 116.0 85.6 Feb-22-2088 0.06759357 0.0560030 HAWKINSON 8-22H 276.1 58.9 33. 681.6 6.2 6.3 3.3 257.5 9.6 29.7 10.2 111.2 116.0 85.6 Feb-22-2088 0.05351629 0.04476887 0.04476887 0.04476887 0.06453780 0.0545030 0.00 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
CARSON PEAK 13-35H  428.1 66.7 4.0 78.4 3 173.1 9.7 313.5 28.5 36.4 10.6 61.5 233.4 20.6 Apr-11-2030 0.0704711 0.05669725  CARSON PEAK 14-35HSL2 410.9 70.4 2.1 782.7 184.6 5.2 16.5.4 15.2 19.2 5.3 31.3 124.8 112.1 Apr-12-030 0.0523870 0.0285002  HAWKINSON 1-22H 759.9 126.9 10.7 1,036.1 153.6 12.2 843.2 35.7 97.5 15.1 34.7 418.7 211.7 Apr-12-1030 0.0052780 0.00844616  HAWKINSON 2-77H 511.9 31.2 1.6 66.3 34.1 1.6 125.6 4.8 14.5 9.1 53.1 53.7 47.2 Aug-15-2031 0.0694789 0.05116878  HAWKINSON 4-27H 401.5 13.2 0.7 630.5 27.8 1.3 53.1 3.9 6.2 9.1 36.3 5.3 7.6 Aug-15-2031 0.0694789 0.05116878  HAWKINSON 4-22H2 481.5 122.3 7.5 802.1 205.6 11.9 593.6 34.9 68.7 11.0 155.9 392.8 285.9 May-7-2039 0.07351519 0.06171709  HAWKINSON 5-22H 579.1 111.9 5.9 1,155.9 13.77 6.9 466.1 20.1 53.9 95. 147.9 274.8 181.3 May-20-2043 0.0633224 0.05259851  HAWKINSON 6-22H3 259.2 32.7 2.8 550.3 44.0 3.5 220.3 10.4 25.5 15.5 120.9 68.8 59.0 Jan-19-024 0.1033279 0.0855289 1.004767897 1
CARSON PEAK IA-3STHSIZE   410.9   70.4   2.1   78.77   184.6   5.2   165.4   15.2   19.9   5.3   31.3   124.8   112.1   Apr-11-200   0.03523870   0.02985002   MAWKINSON 1-22H   51.9   31.2   1.6   666.3   34.1   1.6   125.6   4.8   14.5   9.1   53.1   53.7   47.2   Aug.15-2031   0.06934789   0.05146878   MAWKINSON 2-27H   401.5   13.2   0.7   630.5   27.8   13.3   53.1   3.9   6.2   9.1   36.3   5.3   7.6   Aug.5-2029   0.06934789   0.05146878   MAWKINSON 3-27H   401.5   13.2   0.7   630.5   27.8   13.3   53.1   3.9   6.2   9.1   36.3   5.3   7.6   Aug.5-2029   0.06934789   0.05146878   MAWKINSON 4-22H2   481.5   122.3   7.5   802.1   205.6   11.9   593.6   34.9   68.7   11.0   155.9   392.8   285.9   May-7-2039   0.0751519   0.06171709   MAWKINSON 5-22H   579.1   111.9   5.9   111.5   5.5   32.0   466.1   20.1   53.9   9.5   147.9   274.8   181.3   May-20-2043   0.06332244   0.05239851   MAWKINSON 5-22H   276.1   58.9   3.3   681.6   62.6   3.3   257.5   9.6   29.7   10.2   111.2   116.0   85.6   Feb-22-2038   0.06775875   0.0556039   MAWKINSON 7-22H2   276.1   58.9   3.3   681.6   62.6   63.3   257.5   9.6   29.7   10.2   111.2   116.0   85.6   Feb-22-2038   0.06775875   0.0556039   MAWKINSON 7-22H2   276.1   58.9   3.3   681.6   62.6   53.3   257.5   9.6   29.7   10.2   111.2   116.0   85.6   Feb-22-2038   0.0675875   0.0556039   MAWKINSON 7-22H2   276.1   58.9   3.3   681.6   62.6   53.3   257.5   9.6   29.7   10.2   111.2   116.0   85.6   Feb-22-2038   0.0675875   0.0556039   MAWKINSON 7-22H2   276.1   58.9   3.3   681.6   62.6   53.3   257.5   9.6   29.7   10.2   111.2   116.0   85.6   Feb-22-2038   0.0675875   0.0556039   MAWKINSON 7-22H2   276.1   58.9   3.3   681.6   62.6   53.3   257.5   9.4   18.0   24.3   2.8   4.9   4.0-24-2028   0.0675875   0.0556039   MAWKINSON 7-22H2   276.1   276.2   276.1   276.2   276.1   276.2   276.1   276.2   276.1   276.2   276.1   276.2   276.1   276.2   276.2   276.2   276.2   276.2   276.2   276.2   276.2   276.2   276.2   276.2   276.2   276.2   276.2   276.2   276.
HAWKINSON 1-22H   759,9   126,9   10,7   1,036.1   153.6   12.2   843.2   35.7   97.5   15.1   347.7   418.7   221.7   Apr-21-2054   0.10058786   0.08444616   1AWKINSON 2-27H   512,9   31.2   1.6   666.3   34.1   1.6   125.6   4.8   14.5   9.1   53.1   53.7   47.2   Aug-15-2031   0.06094789   0.05116878   1AWKINSON 3-27H   418.5   12.3   7.5   802.1   205.6   11.9   593.6   34.9   68.7   11.0   155.9   392.8   285.9   May-7-2039   0.06094789   0.05116878   1AWKINSON 5-22H   579.1   111.9   559.3   4.6   4.5   5.5
HAWKINSON 2-27H   51.2   31.2   1.6   666.3   34.1   1.6   125.6   4.8   14.5   9.1   53.1   53.7   47.2   Aug-15-2031   0.06994789   0.05116878     HAWKINSON 3-27H   401.5   13.2   0.7   630.5   27.8   1.3   53.1   3.9   6.2   9.1   36.3   5.3   7.6   Aug-5-2029   0.06994789   0.05116878     HAWKINSON 4-22H2   481.5   122.3   7.5   802.1   205.6   11.9   993.6   34.9   68.7   11.0   155.9   392.8   285.9   MAY-7-2039   0.06914789   0.05116878     HAWKINSON 5-22H   579.1   111.9   5.9   1,155.9   131.7   6.9   466.1   20.1   53.9   9.5   147.9   274.8   181.3   May-7-2044   0.06332244   0.06332244   0.05825889     HAWKINSON 6-22H3   259.2   32.7   2.8   550.3   44.0   3.5   220.3   10.4   25.5   15.5   120.9   68.8   59.0   1an-19-2034   0.06332244   0.06332244   0.05852889     HAWKINSON 7-22H2   276.1   58.9   3.3   681.6   62.6   3.3   257.5   9.6   29.7   10.2   111.2   116.0   85.6   Feb-22-2038   0.06775357   0.0556030     HAWKINSON 9-22H3   151.3   0.0   0.0   0.7   7.7   0.0   0.0   0.0   0.0   0.7   1.9   (11.6)   (1.9   0.07-20-204   0.05453780   0.05410907     HAWKINSON 10-22H1   216.3   8.4   0.4   584.9   12.3   0.5   28.8   1.5   3.3   7.8   23.0   (3.9)   (1.3   13n-7-2028   0.06453780   0.054510907     HAWKINSON 11-22H2   299.8   21.5   1.2   691.8   57.6   2.9   91.6   8.6   10.7   9.7   44.0   35.9   34.1   1an-13-2030   0.06453780   0.054510907     HAWKINSON 11-22H3   258.8   74.4   5.4   351.9   84.5   5.7   423.3   16.8   48.9   13.0   142.7   235.5   188.1   Apr-17-2037   0.0867806   0.07229842     HAWKINSON 12-22H3   153.3   16.4   16.8   16.8   16.8   16.8   16.8   16.8   16.8   16.8   16.8   16.9   16.5   19.2   10.06453780   0.05653090     HAWKINSON 12-22H3   258.8   74.4   5.4   351.9   84.5   5.7   423.3   16.8   48.9   13.0   142.7   235.5   188.1   Apr-17-2037   0.0867806   0.07229842     HAWKINSON 13-22H   123.4   16.9   0.9   556.9   95.3   4.7   69.8   13.8   8.2   9.4   26.2   39.8   39.0   10.1-11-2027   0.06575040   0.065352192     CARUS 2-28H1   369.6   116.3   0.6   476.9
HAWKINSON 3-27H   401.5   13.2   0.7   630.5   27.8   1.3   53.1   3.9   6.2   9.1   36.3   5.3   7.6   Aug-5-2029   0.06994789   0.05116878     HAWKINSON 4-22H2   481.5   122.3   7.5   802.1   205.6   11.9   593.6   34.9   68.7   11.0   155.9   392.8   285.9   May-7-2039   0.07351519   0.06171784     HAWKINSON 5-22H   259.2   32.7   2.8   550.3   44.0   3.5   220.3   10.4   25.5   15.5   120.9   68.8   59.0   Jan-19-2034   0.06332792   0.06552693     HAWKINSON 7-22H2   276.1   58.9   3.3   681.6   62.6   3.3   257.5   9.6   29.7   10.2   111.2   116.0   85.6   Feb-22-2038   0.067753757   0.0560030     HAWKINSON 8-22H   284.6   10.0   0.4   747.3   31.8   1.3   35.2   3.9   4.1   8.0   24.3   2.8   4.9   4.0724-2028   0.05351629   0.04476387     HAWKINSON 9-22H3   151.3   0.0   0.0   237.7   0.0   0.0   0.0   0.0   0.0   0.0   9.7   1.9   (11.6)   (9.9)   0.0-30-2024   0.06453780   0.05410907     HAWKINSON 10-22H1   216.3   8.4   0.4   584.9   12.3   0.5   28.8   1.5   3.3   7.8   23.0   (3.9)   (1.3)   3.19-7-2028   0.05132025   0.05410907     HAWKINSON 11-22H2   299.8   21.5   1.2   691.8   57.6   2.9   91.6   8.6   10.7   9.7   44.0   35.9   34.1   Jan-13-2030   0.06453780   0.05410908     HAWKINSON 11-22H2   258.8   74.4   5.4   351.9   84.5   5.7   423.3   16.8   48.9   13.0   14.7   235.5   188.1   Jan-13-2030   0.06453780   0.05228363     HAWKINSON 14-22H2   252.5   9.7   0.6   352.8   18.8   1.1   48.6   3.3   5.6   11.4   40.4   (5.6)   19.9   50-29-2034   0.0623936   0.05228363     HAWKINSON 14-22H2   252.5   9.7   0.6   352.8   18.8   1.1   48.6   3.3   5.6   11.4   40.4   (5.6)   11.5   Jun-8-2028   0.07602647   0.05686132     HAWKINSON 15-22H3   34.3   34.9   35.5   34.1   34.6   35.9   34.1   34.5   35.0   34.1   34.5   35.0   34.1   34.5   35.0   34.1   34.5   35.0   34.1   34.5   35.0   34.1   34.5   35.0   34.1   34.5   35.0   34.1   34.5   35.0   34.1   34.5   35.0   34.1   34.5   35.0   34.1   34.5   35.0   34.1   34.5   35.0   34.1   34.5   35.0   34.1   34.5   35.0   34.1   34.5   35.0
HAWKINSON 4-22H2
HAWKINSON 5-22H 579.1 111.9 5.9 1,155.9 137.7 6.9 466.1 20.1 53.9 9.5 147.9 274.8 181.3 May-20-2043 0.06332244 0.05295851 HAWKINSON 6-22H3 259.2 32.7 2.8 550.3 44.0 3.5 220.3 10.4 25.5 15.5 120.9 68.8 59.0 Jan-19-2034 0.10332792 0.08552809 HAWKINSON 7-22H2 276.1 58.9 3.3 681.6 62.6 3.3 257.5 9.6 29.7 10.2 111.2 116.0 85.6 Feb-22-2038 0.06775357 0.05560030 HAWKINSON 8-22H 284.6 10.0 0.4 747.3 31.8 1.3 35.2 3.9 4.1 8.0 24.3 2.8 4.9 Apr-24-2028 0.05351629 0.04476387 HAWKINSON 9-22H3 151.3 0.0 0.0 237.7 0.0 0.0 0.0 0.0 0.0 0.0 9.7 1.9 (11.6) (9.9) Oct-30-2024 0.06453780 0.05410907 HAWKINSON 10-22H1 216.3 8.4 0.4 584.9 12.3 0.5 28.8 1.5 3.3 7.8 23.0 (3.9) (1.3) Jan-7-2020 0.06453780 0.05410907 HAWKINSON 11-22H2 299.8 21.5 1.2 691.8 57.6 2.9 91.6 8.6 10.7 9.7 44.0 35.9 14.1 Jan-13-2030 0.06453780 0.05410908 HAWKINSON 11-22H3 258.8 74.4 5.4 351.9 84.5 5.7 423.3 16.8 48.9 13.0 142.7 235.5 188.1 Apr-17-2037 0.06678086 0.07229842 HAWKINSON 12-22H 364.3 121.6 6.4 584.6 138.3 6.8 500.2 19.9 57.8 9.4 156.9 296.1 19.9 Dec-29-003 0.06628086 0.07229842 HAWKINSON 15-22H 123.4 16.9 0.9 556.9 95.3 4.7 69.8 13.8 8.2 9.4 26.2 39.8 39.0 Jun-21-2027 0.06272753 0.05265327 HAWKINSON 16-22H 134.4 16.9 0.9 556.9 95.3 4.7 69.8 13.8 8.2 9.4 26.2 39.8 39.0 Jun-21-2027 0.06272753 0.05265327 HAWKINSON 16-22H 134.7 40.0 62.8 3.5 1,104.8 136.9 7.1 273.4 20.8 31.7 9.8 81.0 171.7 16.8 Nov-24-2032 0.0655750 0.05526327 HAWKINSON 16-22H1 23.9 13.0 0.6 476.9 125.1 0.6 49.5 1.9 5.7 0.9 16.5 28.1 18.2 Jun-2-2028 0.00624618 0.00542512 CARUS 2-28H1 289.8 31.9 0.2 560.1 49.4 0.3 13.6 0.7 1.6 0.9 4.0 7.8 7.3 Aug-13-2028 0.00624618 0.00542512 CARUS 2-28H1 463.4 45.1 0.2 1,000.4 77.8 0.4 19.3 1.2 2.2 0.9 5.4 11.8 10.7 Nov-29-2029 0.00624618 0.00542512 CARUS 5-28H1 488.5 81.3 0.4 1,388.4 218.5 1.1 34.6 3.3 4.0 0.9 5.2 24.7 21.0 Feb-28-2030 0.00624618 0.00542512 CARUS 5-28H1 389.2 81.0 0.4 1,388.4 218.5 1.1 34.6 3.3 4.0 0.9 5.2 24.7 21.0 Feb-28-2030 0.00624618 0.00542512 CARUS 5-28H1 489.5 81.1 0.4 1,388.4 218.5 1.1 34.6 3.3 4.0 0.9 5.2 24.7 21.0 Feb-28-2030 0
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HAWKINSON 15-22H 123.4 16.9 0.9 556.9 95.3 4.7 69.8 13.8 8.2 9.4 26.2 39.8 39.0 Jun-21-2027 0.06272753 0.05265327   HAWKINSON 16-22HSL1 470.9 62.8 3.5 1,104.8 136.9 7.1 273.4 20.8 31.7 9.8 81.0 171.7 146.8 Nov-24-2032 0.06557504 0.05532192   CARUS 2-28H1 36.9 116.3 0.6 476.9 125.1 0.6 49.5 1.9 5.7 0.9 16.5 28.1 18.2 Jan-1-2044 0.00624632 0.00540410   CARUS 3-28H 318.7 42.0 0.2 826.0 146.2 0.7 17.9 2.2 2.1 0.9 4.0 13.1 12.2 Jul-27-2028 0.00624618 0.00542512   CARUS 4-28H1 289.8 31.9 0.2 560.1 49.4 0.3 13.6 0.7 1.6 0.9 4.0 7.8 7.3 Aug-13-2028 0.00624618 0.00542512   CARUS 5-28H 328.9 51.2 0.3 675.2 91.3 0.5 21.8 1.4 2.5 0.9 5.0 14.7 13.3 Oct-18-2029 0.00624618 0.00542512   CARUS 6-28H1 463.4 45.1 0.2 1,000.4 77.8 0.4 19.3 1.2 2.2 0.9 5.4 11.8 10.7 Nov-29-2029 0.00624618 0.00542512   CARUS 7-28H 488.3 43.0 0.2 1,217.5 72.5 0.4 18.3 1.1 2.1 0.9 5.4 11.0 9.7 Oct-29-2030 0.00624618 0.00542512   CARUS 8-28H1 392.2 29.7 0.2 791.2 62.6 0.3 12.7 0.9 1.5 0.9 3.8 7.4 6.9 Aug-3-2028 0.00624618 0.00542512   CARUS 9-28H 489.5 81.1 0.4 1,398.4 218.5 1.1 34.6 3.3 4.0 0.9 8.2 24.7 21.0 Feb-28-2033 0.00624618 0.00542512   CARUS 9-28H
HAWKINSON 16-22HSL1 470.9 62.8 3.5 1,104.8 136.9 7.1 273.4 20.8 31.7 9.8 81.0 171.7 146.8 Nov-24-2032 0.06557504 0.05532192 CARUS 2-28H1 369.6 116.3 0.6 476.9 125.1 0.6 49.5 1.9 5.7 0.9 16.5 28.1 18.2 Jan-1-2044 0.00624632 0.00540410 CARUS 3-28H 318.7 42.0 0.2 826.0 146.2 0.7 17.9 2.2 2.1 0.9 4.0 13.1 12.2 Jul-27-2028 0.00624618 0.00542512 CARUS 4-28H1 289.8 31.9 0.2 560.1 49.4 0.3 13.6 0.7 1.6 0.9 4.0 7.8 7.3 Aug-13-2028 0.00624618 0.00542512 CARUS 5-28H 328.9 51.2 0.3 675.2 91.3 0.5 21.8 1.4 2.5 0.9 5.0 14.7 13.3 Oct-18-2029 0.00624618 0.00542512 CARUS 6-28H1 463.4 45.1 0.2 1,000.4 77.8 0.4 19.3 1.2 2.2 0.9 5.4 11.8 10.7 Nov-29-2029 0.00624618 0.00542512 CARUS 7-28H 488.3 43.0 0.2 1,217.5 72.5 0.4 18.3 1.1 2.1 0.9 5.4 11.0 9.7 Oct-29-2030 0.00624618 0.00542512 CARUS 8-28H1 392.2 29.7 0.2 791.2 62.6 0.3 12.7 0.9 1.5 0.9 3.8 7.4 6.9 Aug-3-2028 0.00624618 0.00542512 CARUS 9-28H 489.5 81.1 0.4 1,398.4 218.5 1.1 34.6 3.3 4.0 0.9 8.2 24.7 21.0 Feb-28-2033 0.00624618 0.00542512 CARUS 9-28H
CARUS 2-28H1 369.6 116.3 0.6 476.9 125.1 0.6 49.5 1.9 5.7 0.9 16.5 28.1 18.2 Jan-1-2044 0.00624632 0.00540410 CARUS 3-28H 318.7 42.0 0.2 826.0 146.2 0.7 17.9 2.2 2.1 0.9 4.0 13.1 12.2 Jul-27-2028 0.00624618 0.00542512 CARUS 4-28H1 289.8 31.9 0.2 560.1 49.4 0.3 13.6 0.7 1.6 0.9 4.0 7.8 7.3 Aug-13-2028 0.00624618 0.00542512 CARUS 5-28H 328.9 51.2 0.3 675.2 91.3 0.5 21.8 1.4 2.5 0.9 5.0 14.7 13.3 Oct-18-2029 0.00624618 0.00542512 CARUS 6-28H1 463.4 45.1 0.2 1,000.4 77.8 0.4 19.3 1.2 2.2 0.9 5.4 11.8 10.7 Nov-29-2029 0.00624618 0.00542512 CARUS 7-28H 488.3 43.0 0.2 1,217.5 72.5 0.4 18.3 1.1 2.1 0.9 5.4 11.0 9.7 Oct-29-2030 0.00624618 0.00542512 CARUS 8-28H1 392.2 29.7 0.2 791.2 62.6 0.3 12.7 0.9 1.5 0.9 3.8 7.4 6.9 Aug-3-2028 0.00624618 0.00542512 CARUS 9-28H 489.5 81.1 0.4 1,398.4 218.5 1.1 34.6 3.3 4.0 0.9 8.2 24.7 21.0 Feb-28-2033 0.00624618 0.00542512
CARUS 3-28H 318.7 42.0 0.2 826.0 146.2 0.7 17.9 2.2 2.1 0.9 4.0 13.1 12.2 Jul-27-2028 0.00624618 0.00542512 CARUS 4-28H1 289.8 31.9 0.2 560.1 49.4 0.3 13.6 0.7 1.6 0.9 4.0 7.8 7.3 Aug-13-2028 0.00624618 0.00542512 CARUS 5-28H 328.9 51.2 0.3 675.2 91.3 0.5 21.8 1.4 2.5 0.9 5.0 14.7 13.3 Oct-18-2029 0.00624618 0.00542512 CARUS 6-28H1 463.4 45.1 0.2 1,000.4 77.8 0.4 19.3 1.2 2.2 0.9 5.4 11.8 10.7 Nov-29-2029 0.00624618 0.00542512 CARUS 7-28H 488.3 43.0 0.2 1,217.5 72.5 0.4 18.3 1.1 2.1 0.9 5.4 11.0 9.7 Oct-29-2030 0.00624618 0.00542512 CARUS 8-28H1 392.2 29.7 0.2 791.2 62.6 0.3 12.7 0.9 1.5 0.9 3.8 7.4 6.9 Aug-3-2028 0.00624618 0.00542512 CARUS 9-28H 489.5 81.1 0.4 1,398.4 218.5 1.1 34.6 3.3 4.0 0.9 8.2 24.7 21.0 Feb-28-2033 0.00624618 0.00542512
CARUS 4-28H1 289.8 31.9 0.2 560.1 49.4 0.3 13.6 0.7 1.6 0.9 4.0 7.8 7.3 Aug-13-2028 0.00624618 0.00542512 CARUS 5-28H 328.9 51.2 0.3 675.2 91.3 0.5 21.8 1.4 2.5 0.9 5.0 14.7 13.3 Oct-18-2029 0.00624618 0.00542512 CARUS 6-28H1 463.4 45.1 0.2 1,000.4 77.8 0.4 19.3 1.2 2.2 0.9 5.4 11.8 10.7 Nov-29-2029 0.00624618 0.00542512 CARUS 7-28H 488.3 43.0 0.2 1,217.5 72.5 0.4 18.3 1.1 2.1 0.9 5.4 11.0 9.7 Oct-29-2030 0.00624618 0.00542512 CARUS 8-28H1 392.2 29.7 0.2 791.2 62.6 0.3 12.7 0.9 1.5 0.9 3.8 7.4 6.9 Aug-3-2028 0.00624618 0.00542512 CARUS 9-28H 489.5 81.1 0.4 1,398.4 218.5 1.1 34.6 3.3 4.0 0.9 8.2 24.7 21.0 Feb-28-2033 0.00624618 0.00542512
CARUS 5-28H 328.9 51.2 0.3 675.2 91.3 0.5 21.8 1.4 2.5 0.9 5.0 14.7 13.3 Oct-18-2029 0.00624618 0.00542512 CARUS 6-28H1 463.4 45.1 0.2 1,000.4 77.8 0.4 19.3 1.2 2.2 0.9 5.4 11.8 10.7 Nov-29-2029 0.00624618 0.00542512 CARUS 7-28H 488.3 43.0 0.2 1,217.5 72.5 0.4 18.3 1.1 2.1 0.9 5.4 11.0 9.7 Oct-29-2030 0.00624618 0.00542512 CARUS 8-28H1 392.2 29.7 0.2 791.2 62.6 0.3 12.7 0.9 1.5 0.9 3.8 7.4 6.9 Aug-3-2028 0.00624618 0.00542512 CARUS 9-28H 489.5 81.1 0.4 1,398.4 218.5 1.1 34.6 3.3 4.0 0.9 8.2 24.7 21.0 Feb-28-2033 0.00624618 0.00542512
CARUS 6-28H1 463.4 45.1 0.2 1,000.4 77.8 0.4 19.3 1.2 2.2 0.9 5.4 11.8 10.7 Nov-29-2029 0.00624618 0.00542512 CARUS 7-28H 488.3 43.0 0.2 1,217.5 72.5 0.4 18.3 1.1 2.1 0.9 5.4 11.0 9.7 Oct-29-2030 0.00624618 0.00542512 CARUS 8-28H1 392.2 29.7 0.2 791.2 62.6 0.3 12.7 0.9 1.5 0.9 3.8 7.4 6.9 Aug-3-2028 0.00624618 0.00542512 CARUS 9-28H 489.5 81.1 0.4 1,398.4 218.5 1.1 34.6 3.3 4.0 0.9 8.2 24.7 21.0 Feb-28-2033 0.00624618 0.00542512
CARUS 7-28H 488.3 43.0 0.2 1,217.5 72.5 0.4 18.3 1.1 2.1 0.9 5.4 11.0 9.7 Oct-29-2030 0.00624618 0.00542512 CARUS 8-28H1 392.2 29.7 0.2 791.2 62.6 0.3 12.7 0.9 1.5 0.9 3.8 7.4 6.9 Aug-3-2028 0.00624618 0.00542512 CARUS 9-28H 489.5 81.1 0.4 1,398.4 218.5 1.1 34.6 3.3 4.0 0.9 8.2 24.7 21.0 Feb-28-2033 0.00624618 0.00542512
CARUS 8-28H1 392.2 29.7 0.2 791.2 62.6 0.3 12.7 0.9 1.5 0.9 3.8 7.4 6.9 Aug-3-2028 0.00624618 0.00542512 CARUS 9-28H 489.5 81.1 0.4 1,398.4 218.5 1.1 34.6 3.3 4.0 0.9 8.2 24.7 21.0 Feb-28-2033 0.00624618 0.00542512
CARUS 9-28H 489.5 81.1 0.4 1,398.4 218.5 1.1 34.6 3.3 4.0 0.9 8.2 24.7 21.0 Feb-28-2033 0.00624618 0.00542512
CARUS 10-28H1   514.0   33.2   0.2   1,306.0   193.0   1.0   14.2   2.9   1.7   0.9   4.1   10.4   9.8   Apr-19-2028   0.00624618   0.00542512
CARUS 11-28H 513.8 42.2 0.2 1,335.0 66.5 0.3 18.0 1.0 2.1 0.9 5.8 10.2 9.0 Dec-6-2030 0.00624618 0.00542512
CARUS 12-28HSL1 579.1 117.8 3.7 1,714.3 287.8 8.6 293.5 25.1 34.1 5.6 69.2 209.7 166.7 Sep-19-2036 0.03751915 0.03167290
CARUS 13-28H 780.4 68.8 0.4 1,151.2 127.7 0.6 29.2 1.9 3.4 0.9 6.9 19.9 17.3 Sep-5-2031 0.00624633 0.00540309
CARUS 14-28H1 292.2 39.1 0.2 548.0 104.3 0.5 16.7 1.6 1.9 0.9 4.1 11.2 10.5 Jul-27-2028 0.00624618 0.00542512
RODNEY 14-29HSL 245.7 60.5 0.2 542.8 182.6 0.5 12.9 1.4 1.5 0.5 3.0 9.3 8.4 May-24-2030 0.00312311 0.00271256
MORRIS 1-23H 393.8 3.9 0.2 413.9 9.5 0.4 15.0 1.3 1.7 8.7 12.3 (6.5) (4.5) Dec-15-2025 0.05821459 0.04930274
MORRIS 2-26H 326.7 5.5 0.3 366.1 11.5 0.6 25.8 1.9 3.0 10.6 20.4 (6.3) (3.4) Aug-17-2026 0.07047415 0.05969725
MORRIS 3-26H 520.5 2.0 0.1 582.7 10.1 0.6 9.6 1.7 1.1 10.6 8.1 (8.5) (6.6) Feb-3-2025 0.07047415 0.05969725
MORRIS 4-23HSL 401.6 30.1 1.7 720.3 52.4 2.7 131.2 8.0 15.2 9.8 48.7 65.5 60.2 Oct-5-2029 0.06557504 0.05532192
MORRIS 4-23HSL     401.6     30.1     1.7     720.3     52.4     2.7     131.2     8.0     15.2     9.8     48.7     65.5     60.2     Oct-5-2029     0.06557504     0.05532192       MORRIS 5-23H2     330.2     38.5     2.3     484.5     58.1     3.2     179.9     9.5     20.8     10.5     69.5     88.6     77.7     Jul-20-2031     0.07018195     0.05945807

# Andress Sandefer et al Group Total Proved + Probable + Possible as of January 1, 2024 Anticipated Working Interest

							Anticipa	<u>itea</u> workir	ig interest							
Units →	Mbbl	Mbbl	Mbbl	MMcf	MMcf	MMcf	M\$	M\$	M\$	М\$	M\$	M\$	M\$	MMM-D-YYYY	decimal	decimal
CaseName	CumOil	GrossOil	NetOil	CumGas	GrossGas	NetGas	OilRevenue	GasRevenue	ProductionTax	Investment	TotalCost	NonDiscCash	DiscCash	EconomicLimit	InitWrkInt	InitRevInt
MORRIS 7-26H2	404.4	35.6	2.1	940.9	98.3	5.5	166.4	16.1	19.4	10.5	54.0	98.6	91.0	Mar-28-2029	0.07018199	0.05945807
MORRIS 8-26H1	435.7	58.4	3.5	787.0	106.7	6.0	273.3	17.5	31.7	10.5	75.7	172.9	151.3	May-18-2031	0.07018196	0.05945807
MORRIS 9-26H	287.0	122.0	7.3	798.6	277.2	15.6	572.7	45.6	66.5	10.6	133.8	407.4	321.5	Jan-29-2037	0.07047411	0.05969726
MORRIS 10-26H2	249.9	76.3	4.6	487.1	154.6	8.7	358.2	25.4	41.5	10.6	104.7	226.8	185.4	Sep-1-2034	0.07047411	0.05969726
MORRIS 11-26H	321.5	102.6	6.1	705.7	220.2	12.4	481.8	36.2	55.9	10.6	120.6	330.9	264.3	Feb-27-2036	0.07047411	0.05969726
MORRIS 12-26H1	284.4	97.9	5.8	581.3	247.0	13.9	459.8	40.6	53.4	10.6	110.9	325.5	267.5	Oct-29-2034	0.07047411	0.05969726
MORRIS 13-26H	336.3	92.0	5.5	753.4	251.2	14.1	431.9	41.3	50.2	10.6	100.1	312.3	260.2	Mar-9-2034	0.07047411	0.05969726
MORRIS 14-26HSL2	341.4	89.1	2.7	746.0	251.8	7.1	209.1	20.7	24.3	5.3	46.9	153.3	130.9	Dec-19-2032	0.03523870	0.02985002
SUMMERFIELD 15-15H	398.7	27.6	0.1	656.7	48.3	0.2	9.6	0.6	1.1	0.8	4.5	3.8	3.4	Dec-30-2031	0.00510153	0.00443083
SUMMERFIELD 15H-1	258.2	30.4	0.2	380.3	49.8	0.3	13.0	0.7	1.5	0.9	5.5	5.8	5.1	Dec-13-2031	0.00624290	0.00542213
SUMMERFIELD 15H-2	501.6	51.3	0.6	638.6	76.6	0.8	43.7	2.3	5.1	1.9	12.1	27.0	23.0	Dec-2-2031	0.01248575	0.01084425
SUMMERFIELD 15H-3	325.6	49.1	0.5	443.4	57.7	0.6	41.9	1.7	4.8	1.9	15.2	21.7	17.3	Oct-18-2034	0.01248575	0.01084425
SUMMERFIELD 15H-4	379.1	60.1	0.7	545.5	77.1	0.8	51.2	2.3	5.9	1.9	16.7	29.0	22.5	Nov-13-2035	0.01248575	0.01084425
SUMMERFIELD 15H-5	307.9	52.6	0.6	418.1	56.6	0.6	44.9	1.7	5.2	1.9	15.5	24.0	18.9	Mar-13-2035	0.01248575	0.01084425
SUMMERFIELD 15H-6	312.3	50.5	0.5	404.7	56.9	0.6	43.1	1.7	5.0	1.9	15.6	22.4	17.8	Dec-5-2034	0.01248575	0.01084425
WHITMAN 11-34H	585.5	0.0	0.0	539.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(0.0)	(0.0)	Oct-30-2024	0.01248373	0.01084423
WHITMAN 2-34H	1,816.5	32.9	1.7	1,943.2	40.5	1.9	132.5	5.7	15.3	9.1	35.7	78.1	71.3	Mar-11-2029	0.06094789	0.05116878
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WHITMAN 3-34H	1,131.6	35.3	1.8	1,473.0	45.6	2.2	141.9	6.4	16.4	9.1	35.0	87.8	82.3	Apr-20-2028	0.06094789	0.05116878
WHITMAN FIU 4-34H1	387.1	105.6	5.4	572.8	351.7	16.9	425.0	49.5	49.6	9.1	50.7	365.1	339.1	Sep-21-2028	0.06094789	0.05116878
WHITMAN FIU 5-34H	484.2	161.0	8.2	919.0	439.9	21.2	648.2	62.0	75.4	9.1	69.7	556.0	496.9	May-20-2031	0.06094789	0.05116878
WHITMAN FIU 6-34H2	424.7	147.8	7.6	643.3	469.0	22.6	594.8	66.1	69.3	9.1	70.4	512.0	462.8	Jul-17-2030	0.06094789	0.05116878
WHITMAN FIU 7-34H1	449.8	160.8	8.2	732.6	509.8	24.5	647.3	71.8	75.4	9.1	63.5	571.0	517.5	Aug-8-2030	0.06094789	0.05116878
WHITMAN FIU 8-34H	412.2	129.0	6.6	884.1	305.7	14.7	519.5	43.1	60.3	9.1	59.4	433.7	391.0	Aug-16-2030	0.06094789	0.05116878
WHITMAN FIU 9-34H2	281.9	144.3	7.4	496.6	420.2	20.2	581.0	59.2	67.6	9.1	68.8	494.6	440.7	May-23-2031	0.06094789	0.05116878
WHITMAN FIU 10-34H	234.7	102.5	5.2	440.2	203.7	9.8	412.8	28.7	47.9	9.1	54.6	329.8	298.6	Feb-2-2030	0.06094789	0.05116878
WHITMAN FIU 12-34H2	266.2	133.9	6.9	436.5	224.7	10.8	539.1	31.7	62.4	9.1	61.5	437.7	389.0	Apr-7-2031	0.06094789	0.05116878
WHITMAN FIU 13-34HSL1	155.2	87.1	4.5	378.7	180.8	8.7	350.4	25.5	40.7	9.1	56.8	269.3	240.1	Sep-25-2030	0.06094789	0.05116878
BANG 1-33H	470.2	70.5	0.0	675.7	169.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jul-20-2028	-	-
BANG 2-33T	300.3	44.9	0.0	342.4	48.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	May-16-2029	-	-
BANG 3-33H1	260.9	45.3	0.0	363.1	151.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Dec-7-2027	-	-
BANG 4-4H	248.2	81.2	0.0	516.0	247.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jan-6-2029	-	-
BANG 5-4H1	205.1	102.2	0.0	283.9	269.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Feb-17-2030	-	-
BANG 6-4H	257.9	97.2	0.0	408.2	312.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Aug-28-2029	-	-
BANG 7-4H1	234.8	80.8	0.0	351.1	262.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jan-22-2029	-	-
BANG 8-4H	272.5	55.2	0.0	433.2	194.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Dec-6-2027	-	-
BANG 9-4H1	274.7	88.5	0.0	343.7	233.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Aug-27-2029	-	-
BANG 10-4H	292.0	66.0	0.0	460.0	222.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Aug-1-2028	-	-
BANG 11-4H1	292.1	86.5	0.0	448.3	279.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Nov-1-2028	-	_
BANG 12-4H	299.1	43.3	0.0	502.7	150.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Apr-30-2027	-	_
BANG 13-4H1	271.7	74.0	0.0	435.3	234.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jan-14-2028	-	
BANG FIU 14-4HSL	343.6	103.0	2.6	535.2	334.0	8.0	207.4	23.5	24.2	4.6	25.6	176.6	161.4		0.03047395	0.02558439
GALE 14-32HSL	328.1	75.9	0.0	551.5	246.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Dec-20-2028	-	
BRANDVIK 14-24H	257.9	0.0	0.0	238.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(0.0)	(0.0)	Oct-30-2024	_	
BRANDVIK 2-25H	525.5	81.1	0.0	607.5	103.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jan-3-2039		
BRANDVIK 3-25H	386.9	133.4	0.0	444.8	144.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Dec-11-2043	-	
BRANDVIK 4-25H1	337.2	53.6	0.0	360.1	61.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jun-16-2037	-	
BRANDVIK 5-25H1	524.2	66.0	0.0	865.3	75.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Mar-26-2032	-	
BRANDVIK 6-25H	426.3	122.3	0.0	796.0	183.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Dec-16-2037	-	
BRANDVIK 7-25H2	315.4	55.9	0.0	594.3	97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Nov-5-2031	-	
BRANDVIK 8-25H1	475.1	23.0	0.0	1,183.5	73.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Mar-2-2028	-	-

# Andress Sandefer et al Group Total Proved + Probable + Possible as of January 1, 2024 <u>Anticipated</u> Working Interest

							Anticipa		giliterest							
Units →	Mbbl	Mbbl	Mbbl	MMcf	MMcf	MMcf	M\$	M\$	M\$	M\$	M\$	M\$	M\$	MMM-D-YYYY	decimal	decimal
CaseName		GrossOil	NetOil		GrossGas				ProductionTax			NonDiscCash	DiscCash	EconomicLimit	InitWrkInt	InitRevInt
BRANDVIK 9-25H	439.7	19.5	0.0	982.0	92.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		-	-
BRANDVIK 10-25H2	431.7	109.1	0.0	1,314.6	305.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		-	-
BRANDVIK 11-25H	411.8	79.3	0.0	820.0	116.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		-	-
BRANDVIK 12-25H	403.1	77.2	0.0	1,017.2	249.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		-	-
MERIWETHER 1A MBH-ULW	416.3	68.0	0.0	705.8	96.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		-	-
STATE WEYDAHL 44-36H	363.0	2.4	0.0	321.6	11.1	0.0	0.0	0.0	0.0	0.0	0.0	(0.0)	(0.0)	May-20-2025	-	-
STATE WEYDAHL 2-36H	492.3	70.7	0.0	510.4	74.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jul-21-2037	-	-
STATE WEYDAHL 3-36H1	414.6	39.9	0.0	493.0	66.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Aug-9-2035	-	-
STATE WEYDAHL 4-36H1	618.9	206.7	0.0	681.8	237.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Aug-14-2046	-	-
STATE WEYDAHL 5-36H1	616.7	18.8	0.0	826.6	25.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	May-10-2027	-	-
STATE WEYDAHL 6-36H	239.1	61.6	0.0	319.2	75.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jul-1-2034	-	_
STATE WEYDAHL 7-36H2	289.4	104.3	0.0	438.3	125.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jun-8-2039	-	-
STATE WEYDAHL 8-36H1	545.9	53.7	0.0	964.0	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Apr-10-2031	-	-
STATE WEYDAHL 9-36H	517.5	113.1	0.0	991.3	298.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jun-24-2034	-	-
STATE WEYDAHL 10-36H2	377.4	81.6	0.0	746.7	266.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Jan-18-2035	-	-
STATE WEYDAHL 11-36H	526.9	58.8	0.0	1,246.6	173.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Apr-7-2031	-	-
STATE WEYDAHL 12-36H	448.9	129.5	0.0	860.1	251.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Sep-10-2032	-	-
PRAIRIE ROSE 1A MBH-ULW	495.0	70.5	0.0	834.0	114.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	May-31-2030	-	-
DVIRNAK 10-7HSL1	268.1	149.1	0.0	333.4	193.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Dec-21-2033	-	-
Total Proved Producing	50,480.6	8,118.5	227.8	86,305.9	17,677.3	470.4	17,920.4	1,378.0	2,079.9	573.2	4,128.2	12,517.2	10,670.2		-	-
CARUS TF2 Loc1	0.0	455.3	2.5	0.0	812.1	4.1	194.3	12.1	22.5	43.4	17.0	123.5	77.9	Feb-18-2040	0.00624619	0.00542321
CARUS TF2 Loc2	0.0	455.3	2.5	0.0	812.1	4.1	194.3	12.1	22.5	43.4	17.0	123.5	77.2	Mar-20-2040	0.00624619	0.00542321
CARUS TF2 Loc3	0.0	455.3	2.5	0.0	812.1	4.1	194.3	12.1	22.5	43.4	17.0	123.5	76.6	Apr-20-2040	0.00624619	0.00542321
SUMMERFIELD TF2 Loc1	0.0	363.1	3.9	0.0	648.6	6.6	309.8	19.4	35.9	65.6	29.1	198.5	123.3	Apr-22-2039	0.01248575	0.01084425
SUMMERFIELD TF2 Loc2	0.0	363.1	3.9	0.0	648.6	6.6	309.8	19.4	35.9	65.6	29.1	198.5	122.3	May-23-2039	0.01248575	0.01084425
SUMMERFIELD TF2 Loc3	0.0	363.1	3.9	0.0	648.6	6.6	309.8	19.4	35.9	65.6	29.1	198.5	121.3	Jun-22-2039	0.01248575	0.01084425
Total Proved Undeveloped	0.0	2,455.3	19.2	0.0	4,382.2	32.3	1,512.1	94.5	175.2	326.9	138.4	966.1	598.5		-	-
Total Proved	50,480.6	10,573.8	247.0	86,305.9	22,059.4	502.7	19,432.5	1,472.5	2,255.1	900.1	4,266.5	13,483.3	11,268.7		-	-
iPB_CARSON PEAK 3-35H	0.5	18.7	1.1	1.0	32.3	1.8	88.0	5.3	10.2	0.0	20.5	62.6	48.2	Sep-29-2032	0.07047412	0.05969725
iPB CARSON PEAK 5-35H2	1.0	23.0	1.4	2.0	42.4	2.4	107.6	6.9	12.5	0.0	20.6	81.5	65.4	Jan-20-2032	0.07018198	0.05945807
iPB CARSON PEAK 6-35H1	0.2	33.9	2.0	0.6	81.7	4.6	158.5	13.4	18.4	0.0	24.2	129.2	97.0	Sep-4-2033	0.07018204	0.05945807
iPB CARSON PEAK 7-35H	1.1	37.5	2.2	4.4	148.3	8.3	175.5	24.3	20.5	0.0	25.6	153.6	120.3	May-2-2033	0.07018197	0.05945807
iPB_CARSON PEAK 8-35H2	0.2	24.3	1.4	0.4	45.5	2.5	113.5	7.5	13.2	0.0	18.9	89.0	69.8		0.07018197	0.05945807
iPB CARSON PEAK 9-35H	0.6	38.2	2.3	3.0	179.0	10.0	179.3	29.4	21.0	0.0	26.1	161.6	128.8	Jun-14-2032	0.07047412	0.05969726
iPB CARSON PEAK 10-35H1	0.8	27.9	1.7	4.0	139.6	7.8	131.2	22.9	15.4	0.0	22.4	116.3	90.6	Mar-27-2033	0.07047412	0.05969726
iPB CARSON PEAK 11-35H2	0.6	21.0	1.3	1.8	66.7	3.7	98.6	11.0	11.5	0.0	17.5	80.6	63.2	May-11-2032	0.07047411	0.05969725
iPB CARSON PEAK 12-35H1	0.6	15.9	1.0	2.8	88.2	5.0	74.7	14.5	8.8	0.0	14.4	66.1	54.0	Jan-15-2031	0.07047411	0.05969726
iPB CARSON PEAK 13-35H	0.6	19.0	1.1	2.4	82.4	4.6	89.0	13.6	10.4	0.0	16.9	75.3	59.9		0.07047411	0.05969725
iPB CARSON PEAK 14-35HSL2	0.6	19.5	0.6	2.4	86.0	2.4	45.8	7.1	5.4	0.0	8.5	39.0	31.1	Dec-8-2031	0.03523870	
iPB HAWKINSON 1-22H	0.1	48.6	4.1	0.5	76.9	6.1	322.9	17.9	37.4	0.0	113.7	189.7	55.5		0.10058786	
iPB HAWKINSON 2-27H	0.1	15.1	0.8	0.2	18.1	0.9	61.0	2.5	7.0	0.0	25.3	31.2	21.0		0.06094789	0.05116878
iPB HAWKINSON 4-22H2	0.8	30.4	1.9	3.8	119.9	7.0	147.7	20.4	17.3	0.0	20.4	130.4	88.9	Aug-12-2040	0.07351519	
iPB HAWKINSON 5-22H	0.1	37.0	2.0	0.3	61.0	3.0	154.0	8.9	17.8	0.0	44.2	100.8	42.0		0.06332244	
iPB HAWKINSON 7-22H2	0.0	33.8	1.9	0.0	36.4	1.9	148.0	5.6	17.1	0.0	78.6	57.9	20.2	Jun-13-2048	0.06775357	0.05560030
iPB HAWKINSON 8-22H	0.4	15.5	0.7	2.5	53.9	2.3	54.7	6.6	6.4	0.0	22.7	32.2	26.7	Mar-12-2032	0.05351629	
iPB HAWKINSON 10-22H1	0.4	31.4	1.4	2.2	41.1	1.7	107.6	4.9	12.4	0.0	55.8	44.2	33.3	Mar-11-2037	0.05192025	
iPB_HAWKINSON 11-22H2	0.8	25.2	1.4	5.1	91.5	4.7	107.1	13.6	12.5	0.0	27.1	81.2	64.1	Apr-17-2033	0.06453780	
iPB_HAWKINSON 12-22H3	0.0	25.2	1.9	0.0	33.2	2.3	147.4	6.6	17.0	0.0	44.4	92.5	48.5		0.08678086	
iPB_HAWKINSON 12-22H3	0.0	29.0	1.5	0.6	49.1	2.3	119.4	7.1	13.8	0.0	28.4	84.2	40.8	-	0.06239056	
iPB_HAWKINSON 15-22H2	0.2	29.0	1.1	1.3	87.8	4.3	85.3	12.7	10.0	0.0	36.0	52.0	40.8	-		
ILP_LIMANVIIAOON TO-SSUS	0.1	20.0	1.1	1.3	07.8	4.3	65.5	12.7	10.0	0.0	30.0	52.0	42.0	IVIAY-17-2032	0.002/2/33	0.03203327

# Andress Sandefer et al Group Total Proved + Probable + Possible as of January 1, 2024 Anticipated Working Interest

Units →	Mbbl	Mbbl	Mbbl	MMcf	MMcf	MMcf	М\$	M\$	M\$	M\$	М\$	M\$	M\$	MMM-D-YYYY	decimal	decimal
CaseName	CumOil	GrossOil	NetOil	CumGas	GrossGas	NetGas	OilRevenue	GasRevenue	ProductionTax	Investment	TotalCost	NonDiscCash	DiscCash	EconomicLimit	InitWrkInt	InitRevInt
iPB_HAWKINSON 16-22HSL1	0.2	42.1	2.3	1.0	96.6	5.0	183.1	14.7	21.3	0.0	60.3	116.3	73.4	Oct-15-2039	0.06557504	0.05532192
iPB_CARUS 12-28HSL1	0.1	33.6	1.1	0.4	146.6	4.4	83.7	12.8	9.8	0.0	21.3	65.4	39.2	Sep-25-2040	0.03751915	0.03167290
iPB_MORRIS 4-23HSL	0.0	18.4	1.0	0.1	34.5	1.8	80.1	5.3	9.3	0.0	28.7	47.4	34.7	Apr-18-2033	0.06557504	0.05532192
iPB_MORRIS 5-23H2	0.6	14.0	0.8	1.6	34.9	2.0	65.6	5.7	7.6	0.0	15.1	48.7	38.4	Oct-28-2032	0.07018195	0.05945807
iPB_MORRIS 6-23H	0.1	25.4	1.5	0.4	81.5	4.6	118.9	13.3	13.9	0.0	36.2	82.2	60.0	Dec-16-2033	0.07018195	0.05945807
iPB_MORRIS 7-26H2	0.2	19.5	1.2	0.8	65.3	3.6	91.0	10.7	10.6	0.0	28.8	62.3	48.6	Dec-27-2031	0.07018199	0.05945807
iPB_MORRIS 8-26H1	0.0	15.9	0.9	0.1	45.1	2.5	74.5	7.4	8.7	0.0	21.8	51.4	36.8	Jul-21-2033	0.07018196	0.05945807
iPB_MORRIS 9-26H	0.5	54.0	3.2	2.5	177.9	10.0	253.7	29.2	29.6	0.0	57.2	196.2	118.1	Jul-17-2042	0.07047411	0.05969726
iPB_MORRIS 10-26H2	0.3	35.0	2.1	1.5	98.9	5.6	164.4	16.3	19.1	0.0	44.8	116.7	74.5	Jan-29-2039	0.07047411	
iPB_MORRIS 11-26H	0.4	45.4	2.7	1.9	139.2	7.8	213.2	22.9	24.8	0.0	51.0	160.2	98.2	Mar-6-2041	0.07047411	0.05969726
iPB_MORRIS 12-26H1	0.4	38.3	2.3	2.1	149.7	8.4	180.0	24.6	21.0	0.0	42.6	141.0	92.3	Nov-23-2038	0.07047411	
iPB_MORRIS 13-26H	0.4	35.1	2.1	2.3	152.6	8.6	165.0	25.1	19.3	0.0	37.3	133.5	90.1	Nov-25-2037	0.07047411	0.05969726
iPB_MORRIS 14-26HSL2	0.5	32.5	1.0	2.7	148.3	4.2	76.4	12.2	9.0	0.0	16.7	63.0	44.9	Jan-27-2036	0.03523870	0.02985002
iPB_WHITMAN 2-34H	0.1	9.3	0.5	0.2	14.9	0.7	37.3	2.1	4.3	0.0	8.5	26.5	21.0	Jun-3-2030	0.06094789	0.05116878
iPB_WHITMAN 3-34H	0.9	20.0	1.0	1.4	28.6	1.4	80.6	4.0	9.3	0.0	16.2	59.2	49.8	Mar-18-2030	0.06094789	0.05116878
Total Probable Producing	14.7	1,030.1	58.3	60.0	3,075.6	160.1	4,584.6	468.9	533.7	0.0	1,198.7	3,321.1	2,231.1		-	_
Total Probable	14.7	1,030.1	58.3	60.0	3,075.6	160.1	4,584.6	468.9	533.7	0.0	1,198.7	3,321.1	2,231.1		-	-
CARSON PEAK TF3 Loc1	0.0	522.5	31.2	0.0	914.8	51.3	2,454.1	150.4	284.3	489.8	171.6	1,658.7	1,119.7	Jan-13-2033	0.07047411	
CARSON PEAK TF3 Loc2	0.0	522.5	31.2	0.0	914.9	51.3	2,454.1	150.4	284.3	489.8	171.6	1,658.7	1,110.3	Feb-13-2033	0.07047411	0.05969726
CARSON PEAK TF3 Loc3	0.0	522.5	31.2	0.0	914.8	51.3	2,454.1	150.4	284.3	489.8	171.6	1,658.7	1,100.9	Mar-16-2033	0.07047411	0.05969726
CARUS TF3 Loc1	0.0	522.5	2.8	0.0	914.8	4.7	222.9	13.7	25.8	43.4	15.2	152.2	100.3	Apr-15-2033	0.00624619	0.00542321
CARUS TF3 Loc2	0.0	522.5	2.8	0.0	914.8	4.7	222.9	13.7	25.8	43.4	15.2	152.2	99.4	May-16-2033	0.00624619	0.00542321
CARUS TF3 Loc3	0.0	522.5	2.8	0.0	914.8	4.7	222.9	13.7	25.8	43.4	15.2	152.2	98.6	Jun-15-2033	0.00624619	0.00542321
MORRIS TF3 Loc1	0.0	522.5	31.2	0.0	914.8	51.3	2,454.1	150.4	284.3	489.8	171.6	1,658.7	1,064.9	Jul-16-2033	0.07047411	0.05969726
MORRIS TF3 Loc2	0.0	522.5	31.2	0.0	914.8	51.3	2,454.1	150.4	284.3	489.8	171.6	1,658.7	1,056.0	Aug-16-2033	0.07047411	0.05969726
MORRIS TF3 Loc3	0.0	522.5	31.2	0.0	914.8	51.3	2,454.1	150.4	284.3	489.8	171.5	1,658.8	1,047.9	Sep-13-2033	0.07047411	0.05969726
SUMMERFIELD TF3 Loc1	0.0	417.8	4.5	0.0	731.6	7.5	356.4	21.8	41.3	65.6	25.8	245.6	154.7	Jul-17-2033	0.01248575	0.01084425
SUMMERFIELD TF3 Loc2	0.0	417.8	4.5	0.0	731.6	7.5	356.4	21.8	41.3	65.6	25.8	245.6	153.5	Aug-16-2033	0.01248575	0.01084425
SUMMERFIELD TF3 Loc3	0.0	417.8	4.5	0.0	731.6	7.5	356.4	21.8	41.3	65.6	25.8	245.6	152.2	Sep-16-2033	0.01248575	0.01084425
WHITMAN TF3 Loc1	0.0	522.5	26.7	0.0	914.8	44.0	2,103.5	128.9	243.7	423.6	148.4	1,416.7	865.3	Jan-13-2034	0.06094789	0.05116878
WHITMAN TF3 Loc2	0.0	522.5	26.7	0.0	914.8	44.0	2,103.5	128.9	243.7	423.6	148.4	1,416.7	858.0	Feb-13-2034	0.06094789	0.05116878
WHITMAN TF3 Loc3	0.0	522.5	26.7	0.0	914.8	44.0	2,103.5	128.9	243.7	423.6	148.4	1,416.7	850.8	Mar-16-2034	0.06094789	0.05116878
Total Possible Undeveloped	0.0	7,523.8	289.5	0.0	-,	476.4	22,772.8	1,395.4	2,638.2	4,536.4	1,597.8	15,395.8	9,832.5		-	-
Total Possible	0.0	7,523.8	289.5	0.0	13,172.7	476.4	22,772.8	1,395.4	2,638.2	4,536.4	1,597.8	15,395.8	9,832.5		-	-
Grand Total	50,495.2	19,127.7	594.8	86,366.0	38,307.8	1,139.2	46,789.9	3,336.8	5,427.0	5,436.5	7,063.0	32,200.2	23,332.3		-	-

#### Notes:

<sup>1)</sup> Mbbl = thousands of barrels; MMcf = million standard cubic feet; M\$ = thousands of U.S. dollars; FNR = Future Net Revenue

<sup>2)</sup> This summary represents Andress Sandefer et al combined (i.e., total) Anticipated Working Interest subsequent to Section-Line Case, Whitman FIU Case, and APO Reversion corrections

## Total Proved + Probable + Possible as of January 1, 2024

## <u>Delta (= Anticipated - Current)</u> Working Interest

										it) working in							
	nits →	Mbbl	Mbbl	Mbbl	MMcf	MMcf	MMcf	M\$	M\$	M\$	M\$	M\$	M\$	M\$	MMM-D-YYYY	decimal	decimal
CaseName		CumOil	GrossOil	NetOil	CumGas	GrossGas	NetGas	OilRevenue	GasRevenue	ProductionTax	Investment	TotalCost	NonDiscCash	DiscCash	EconomicLimit	InitWrkInt	InitRevInt
CARSON PEAK 44-2H		-	-	-	-	-	-	-	-	-	-	-	-	-	Sep-10-2027	-	-
CARSON PEAK 2-35H		-	-	-	-	-	-	-	-	-	-	-	-	-	Nov-24-2026	-	-
CARSON PEAK 3-35H		-	-	-	-	-	-	-	-	-	-	-	-	-	Apr-26-2030	-	-
CARSON PEAK 4-35HSL		-	0.0	5.6	-	0.0	10.4	440.4	30.6	51.1	10.5	73.6	335.8	294.8		0.0701820	0.0594581
CARSON PEAK 5-35H2		-	-	0.0	-	-	0.0	1.2	0.1	0.1	0.1	0.3	0.8	0.7	Dec-15-2029	0.0004083	0.0003459
CARSON PEAK 6-35H1		-	-	1.9	-	-	3.2	152.4	9.4	17.7	2.9	20.8	120.4	106.8		0.0194604	0.0164869
CARSON PEAK 7-35H		-	-	1.8	-	-	4.5	140.1	13.1	16.3	2.9	20.6	113.4	101.1	Dec-19-2030	0.0194604	0.0164869
CARSON PEAK 8-35H2		-	-	1.6	-	-	2.2	126.9	6.4	14.7	2.9	18.7	97.0	87.6	Feb-3-2030	0.0194604	0.0164869
CARSON PEAK 9-35H		-	-	0.0	-	-	0.1	2.6	0.3	0.3	0.1	0.4	2.2	2.0	Dec-12-2029	0.0004083	0.0003459
CARSON PEAK 10-35H1		-	-	0.0	-	-	0.1	2.3	0.2	0.3	0.1	0.4	1.8	1.6	Jan-28-2031	0.0004083	0.0003459
CARSON PEAK 11-35H2		-	-	0.0	-	-	0.1	2.2	0.2	0.3	0.1	0.4	1.6	1.4	Aug-18-2030	0.0004083	0.0003459
CARSON PEAK 12-35H1		-	-	0.0	-	-	0.1	1.5	0.2	0.2	0.1	0.3	1.1	1.0	Jul-22-2029	0.0004083	0.0003459
CARSON PEAK 13-35H		-	-	0.0	-	-	0.1	1.8	0.2	0.2	0.1	0.4	1.4	1.2	Apr-11-2030	0.0004083	0.0003459
CARSON PEAK 14-35HSL2		-	-	0.0	-	-	0.0	1.0	0.1	0.1	0.0	0.2	0.7	0.6	Apr-11-2030	0.0002041	0.0001729
HAWKINSON 1-22H		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
HAWKINSON 2-27H		-	-	-	-	-	-	-	-	-	_	-	-	-	Aug-15-2031	-	_
HAWKINSON 3-27H		-	-	0.0	-	-	0.0	0.4	0.0	0.0	0.1	0.3	0.0	0.1	-	0.0004209	0.0003534
HAWKINSON 4-22H2			_	(7.5)	_	-	(11.9)	(593.6)	(34.9)	(68.7)	(11.0)	(155.9)	(392.8)	(285.9)	May-7-2039		
HAWKINSON 5-22H			_	(5.9)		_	(6.9)	(466.1)	(20.1)	(53.9)	(9.5)	(147.9)	(274.8)	(181.3)		(0.0633224)	
HAWKINSON 6-22H3				(2.8)			(3.5)	(220.3)	(10.4)	(25.5)	(15.5)	(120.9)	(68.8)	(59.0)	Jan-19-2034	, ,	. ,
HAWKINSON 7-22H2				(3.3)			(3.3)	(257.5)	(9.6)	(29.7)	(10.2)	(111.2)	(116.0)	(85.6)	Feb-22-2038		
HAWKINSON 7-22112			_	(0.4)		_	(1.3)	(35.2)	(3.9)	(4.1)	(8.0)	(24.3)	(2.8)	(4.9)	Apr-24-2028		
HAWKINSON 9-22H3			-	(0.4)		-	(1.5)	(33.2)	(3.9)	(4.1)	(9.7)	(1.9)	11.6	9.9			
			-	(0.4)	-	-	(0.5)	(20.0)	- (1.5)	(2.2)	, ,	, ,	3.9	1.3			
HAWKINSON 10-22H1			-	(0.4)	-	-	(0.5)	(28.8)	(1.5)	(3.3)	(7.8)	(23.0)			Jan-7-2028		
HAWKINSON 11-22H2			-	(1.2)		-	(2.9)	(91.6)	(8.6)	(10.7)	(9.7)	(44.0)	(35.9)	(34.1)	Jan-13-2030	, ,	. ,
HAWKINSON 12-22H3		-	-	(5.4)	-	-	(5.7)	(423.3)	(16.8)	(48.9)	(13.0)	(142.7)	(235.5)	(188.1)		, ,	
HAWKINSON 13-22H		-	-	(6.4)	-	-	(6.8)	(500.2)	(19.9)	(57.8)	(9.4)	(156.9)	(296.1)	(192.9)	Dec-29-2043	(0.0623906)	. ,
HAWKINSON 14-22H2			-	(0.6)	-	-	(1.1)	(48.6)	(3.3)	(5.6)	(11.4)	(40.4)	5.6	1.5			(0.0636815)
HAWKINSON 15-22H			-	(0.9)		-	(4.7)	(69.8)	(13.8)	(8.2)	(9.4)	(26.2)	(39.8)	(39.0)	Jun-21-2027	(0.0627275)	(0.0526533)
HAWKINSON 16-22HSL1		-	-	(3.5)		-	(7.1)	(273.4)	(20.8)	(31.7)	(9.8)	(81.0)	(171.7)	(146.8)	Nov-24-2032	(0.0655750)	(0.0553219)
CARUS 2-28H1		-	-	-	-	-	-	-	-	-	-	-	-	-	Jan-1-2044	-	-
CARUS 3-28H		-	-	-	-	-	-	-	-	-	-	-	-	-	Jul-27-2028	-	-
CARUS 4-28H1		-	-	-	-	-	-	-	-	-	-	-	-	-	Aug-13-2028	-	
CARUS 5-28H		-	-	-	-	-	-	-	-	-	-	-	-	-	Oct-18-2029	-	-
CARUS 6-28H1		-	-	-	-	-	-	-	-	-	-	-	-	-	Nov-29-2029	-	-
CARUS 7-28H		-	-	-	-	-	-	-	-	-	-	-	-	-	Oct-29-2030	-	
CARUS 8-28H1		-	-	-	-	-	-	-	-	-	-	-	-	-	Aug-3-2028	-	-
CARUS 9-28H		-	-	-	-	-	-	-	-	-	-	-	-	-	Feb-28-2033	-	-
CARUS 10-28H1		-	-	-	-	-	-	-	-	-	-	-	-	-	Apr-19-2028	-	-
CARUS 11-28H		-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-6-2030	-	-
CARUS 12-28HSL1		-	0.0	(0.6)	-	0.0	(1.5)	(49.6)	(4.3)	(5.8)	(1.0)	(11.9)	(35.3)	(28.1)	Sep-19-2036	(0.0064955)	(0.0053679)
CARUS 13-28H		-	-	-	-	-	-		-	-	-	-	-	-	Sep-5-2031	-	-
CARUS 14-28H1		-	-	-	-	-	-	-	-	-	-	-	-	-	Jul-27-2028	-	-
RODNEY 14-29HSL		-	-	-	-	-	-	-	-	-	-	-	-	-	May-24-2030	-	-
MORRIS 1-23H		-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-15-2025	-	-
MORRIS 2-26H		-	-	-	-	-	-	-	-	-	-	-	-	-	Aug-17-2026	-	-
MORRIS 3-26H		-	_	-	-	_	-	-	-	-	-	-	-	-	Feb-3-2025	-	_
MORRIS 4-23HSL			_	(1.7)		_	(2.7)	(131.2)	(8.0)	(15.2)	(9.8)	(48.7)	(65.5)	(60.2)	Oct-5-2029	(0.0655750)	(0.0553219)
MORRIS 5-23H2			_	(/)			(2.7)	(131.2)	(5.0)	(13.2)	(5.0)	(-10.7)	(03.3)	(00.2)	Jul-20-2031	(3.0033730)	(5.0555215)
MORRIS 6-23H			-				-				_		_	_	May-27-2030	-	
IVIONNIS U-ZSFI			-	-	-		-	-	-	-	-	-	-	-	iviay-27-2030	-	-

## Total Proved + Probable + Possible as of January 1, 2024

## <u>Delta (= Anticipated - Current)</u> Working Interest

CaseName Cun MORRIS 7-26H2 MORRIS 8-26H1 MORRIS 9-26H MORRIS 10-26H2 MORRIS 11-26H MORRIS 11-26H1 MORRIS 13-26H1 MORRIS 13-26H MORRIS 14-26H5L2 SUMMERFIELD 15-15H SUMMERFIELD 15H-1 SUMMERFIELD 15H-2 SUMMERFIELD 15H-3 SUMMERFIELD 15H-4 SUMMERFIELD 15H-5 SUMMERFIELD 15H-6 WHITMAN 11-34H WHITMAN 2-34H WHITMAN 3-34H	.mOil	GrossOil	NetOil  0.6  0.0  0.0  0.0  0.0  0.0     -	CumGas	GrossGas	NetGas  1.5 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1	OilRevenue 46.1 1.6 3.3 2.1 2.8 2.7 2.5 1.2	4.5	ProductionTax 5.4 0.2 0.4 0.2 0.3 0.3 0.3 0.3	1.00   1.00	15.0 0.4 0.8 0.6 0.7 0.6 0.6	27.4 1.0 2.4 1.3 1.9 1.9	25.2 0.9 1.9 1.1 1.5 1.6 1.5	EconomicLimit Mar-28-2029 May-18-2031 Jan-29-2037 Sep-1-2034 Feb-27-2036 Oct-29-2034 Mar-9-2034 Dec-19-2032	InitWrkInt 0.0194604 0.0004082 0.0004083 0.0004083 0.0004083 0.0004083	0.0164869 0.0003459 0.0003459 0.0003459 0.0003459 0.0003459 0.0003459
MORRIS 8-26H1 MORRIS 9-26H MORRIS 10-26H2 MORRIS 11-26H MORRIS 12-26H1 MORRIS 13-26H MORRIS 14-26HSL2 SUMMERFIELD 15-15H SUMMERFIELD 15H-1 SUMMERFIELD 15H-2 SUMMERFIELD 15H-4 SUMMERFIELD 15H-4 SUMMERFIELD 15H-5 SUMMERFIELD 15H-6 WHITMAN 11-34H WHITMAN 2-34H		-	0.0 0.0 0.0 0.0 0.0 0.0	- - - - - - - - -	- - - - - - - - - -	0.0 0.1 0.1 0.1 0.1	1.6 3.3 2.1 2.8 2.7 2.5 1.2	0.1 0.3 0.1 0.2 0.2	0.2 0.4 0.2 0.3 0.3	0.1 0.1 0.1 0.1 0.1 0.1	0.4 0.8 0.6 0.7 0.6 0.6	1.0 2.4 1.3 1.9 1.9	0.9 1.9 1.1 1.5 1.6 1.5	May-18-2031 Jan-29-2037 Sep-1-2034 Feb-27-2036 Oct-29-2034 Mar-9-2034	0.0004082 0.0004083 0.0004083 0.0004083 0.0004083 0.0004083	0.0003459 0.0003459 0.0003459 0.0003459 0.0003459
MORRIS 9-26H MORRIS 10-26H2 MORRIS 11-26H MORRIS 12-26H1 MORRIS 13-26H MORRIS 13-26H MORRIS 14-26HSL2 SUMMERFIELD 15-15H SUMMERFIELD 15H-1 SUMMERFIELD 15H-2 SUMMERFIELD 15H-4 SUMMERFIELD 15H-4 SUMMERFIELD 15H-5 SUMMERFIELD 15H-6 WHITMAN 11-34H WHITMAN 2-34H		-	0.0 0.0 0.0 0.0 0.0	- - - - - - - - -	-	0.1 0.1 0.1 0.1 0.1	3.3 2.1 2.8 2.7 2.5 1.2	0.3 0.1 0.2 0.2 0.2	0.4 0.2 0.3 0.3	0.1 0.1 0.1 0.1 0.1	0.8 0.6 0.7 0.6 0.6	2.4 1.3 1.9 1.9	1.9 1.1 1.5 1.6 1.5	Jan-29-2037 Sep-1-2034 Feb-27-2036 Oct-29-2034 Mar-9-2034	0.0004083 0.0004083 0.0004083 0.0004083 0.0004083	0.0003459 0.0003459 0.0003459 0.0003459
MORRIS 10-26H2 MORRIS 11-26H MORRIS 12-26H1 MORRIS 13-26H MORRIS 14-26HSL2 SUMMERFIELD 15-15H SUMMERFIELD 15H-1 SUMMERFIELD 15H-2 SUMMERFIELD 15H-4 SUMMERFIELD 15H-4 SUMMERFIELD 15H-5 SUMMERFIELD 15H-6 WHITMAN 11-34H WHITMAN 2-34H		-	0.0 0.0 0.0 0.0	- - - - - - - -	-	0.1 0.1 0.1 0.1	2.1 2.8 2.7 2.5 1.2	0.1 0.2 0.2 0.2	0.2 0.3 0.3 0.3	0.1 0.1 0.1 0.1	0.6 0.7 0.6 0.6	1.3 1.9 1.9 1.8	1.1 1.5 1.6 1.5	Sep-1-2034 Feb-27-2036 Oct-29-2034 Mar-9-2034	0.0004083 0.0004083 0.0004083 0.0004083	0.0003459 0.0003459 0.0003459
MORRIS 11-26H MORRIS 12-26H1 MORRIS 13-26H MORRIS 14-26HSL2 SUMMERFIELD 15-15H SUMMERFIELD 15H-1 SUMMERFIELD 15H-2 SUMMERFIELD 15H-4 SUMMERFIELD 15H-4 SUMMERFIELD 15H-5 SUMMERFIELD 15H-6 WHITMAN 11-34H WHITMAN 2-34H		-	0.0 0.0 0.0	- - - - - -		0.1 0.1 0.1	2.8 2.7 2.5 1.2	0.2 0.2 0.2	0.3 0.3 0.3	0.1 0.1 0.1	0.7 0.6 0.6	1.9 1.9 1.8	1.5 1.6 1.5	Feb-27-2036 Oct-29-2034 Mar-9-2034	0.0004083 0.0004083 0.0004083	0.0003459 0.0003459
MORRIS 12-26H1 MORRIS 13-26H MORRIS 14-26HSL2 SUMMERFIELD 15-15H SUMMERFIELD 15H-1 SUMMERFIELD 15H-2 SUMMERFIELD 15H-3 SUMMERFIELD 15H-4 SUMMERFIELD 15H-5 SUMMERFIELD 15H-6 WHITMAN 11-34H WHITMAN 2-34H		- - - - - - - -	0.0	- - - - -	- - - - - -	0.1 0.1	2.7 2.5 1.2 -	0.2 0.2	0.3	0.1 0.1	0.6 0.6	1.9 1.8	1.6 1.5	Oct-29-2034 Mar-9-2034	0.0004083 0.0004083	0.0003459
MORRIS 13-26H MORRIS 14-26HSL2 SUMMERFIELD 15-15H SUMMERFIELD 15H-1 SUMMERFIELD 15H-2 SUMMERFIELD 15H-3 SUMMERFIELD 15H-4 SUMMERFIELD 15H-5 SUMMERFIELD 15H-6 WHITMAN 11-34H WHITMAN 2-34H		-	0.0	- - - - -	- - - - -	0.1	2.5 1.2 -	0.2	0.3	0.1	0.6	1.8	1.5	Mar-9-2034	0.0004083	
MORRIS 14-26HSL2 SUMMERFIELD 15-15H SUMMERFIELD 15H-1 SUMMERFIELD 15H-2 SUMMERFIELD 15H-3 SUMMERFIELD 15H-4 SUMMERFIELD 15H-5 SUMMERFIELD 15H-6 WHITMAN 11-34H WHITMAN 2-34H	- - - - - - - - -	-		- - - - -	- - - -		1.2									0.0003459
SUMMERFIELD 15-15H SUMMERFIELD 15H-1 SUMMERFIELD 15H-2 SUMMERFIELD 15H-3 SUMMERFIELD 15H-4 SUMMERFIELD 15H-5 SUMMERFIELD 15H-6 WHITMAN 11-34H WHITMAN 2-34H	- - - - - - -	- - - - - -	0.0 - - - - - -	- - - -	- - - -	0.0 - -	-	0.1	0.1	0.0			0.0	Dec-19-2032	0.0002044	
SUMMERFIELD 15H-1 SUMMERFIELD 15H-2 SUMMERFIELD 15H-3 SUMMERFIELD 15H-4 SUMMERFIELD 15H-5 SUMMERFIELD 15H-6 WHITMAN 11-34H WHITMAN 2-34H	- - - - - -	-	-	- - - -	- - -	- - -	-	-			0.3	0.9	0.8		0.0002041	0.0001729
SUMMERFIELD 15H-2 SUMMERFIELD 15H-3 SUMMERFIELD 15H-4 SUMMERFIELD 15H-5 SUMMERFIELD 15H-6 WHITMAN 11-34H WHITMAN 2-34H	- - - - -	-	- - - -	- - -	- - -	-	-		-	-	-	-	-	Dec-30-2031	-	
SUMMERFIELD 15H-3 SUMMERFIELD 15H-4 SUMMERFIELD 15H-5 SUMMERFIELD 15H-6 WHITMAN 11-34H WHITMAN 2-34H	- - - -	- - - -	- - -	-	-	-		-	-	-	-	-	-	Dec-13-2031	-	
SUMMERFIELD 15H-3 SUMMERFIELD 15H-4 SUMMERFIELD 15H-5 SUMMERFIELD 15H-6 WHITMAN 11-34H WHITMAN 2-34H	- - - -	- - -		-	-		-	-	-	-	-	-	-	Dec-2-2031	-	
SUMMERFIELD 15H-4 SUMMERFIELD 15H-5 SUMMERFIELD 15H-6 WHITMAN 11-34H WHITMAN 2-34H	- - -	-	-	-		-	-	-	-	-	-	-	-	Oct-18-2034	-	
SUMMERFIELD 15H-5 SUMMERFIELD 15H-6 WHITMAN 11-34H WHITMAN 2-34H	-	-	-		-	-	-	-	-	-	-	-	-	Nov-13-2035	-	
SUMMERFIELD 15H-6 WHITMAN 11-34H WHITMAN 2-34H	-	-		-	-	-	-	-	_	-	-	-	-	Mar-13-2035	-	
WHITMAN 11-34H WHITMAN 2-34H	-		-	-	-	-	-	-	-	-	-	-	-	Dec-5-2034	-	_
WHITMAN 2-34H			-	-	_	_	-	-	_	-	_	-	-	Oct-30-2024	-	
		_	_		-	_	_	_	_	_	_	_	_	Mar-11-2029	_	
	_	_	0.0		_	0.0	1.0	0.0	0.1	0.1	0.2	0.6	0.6	Apr-20-2028	0.0004209	0.0003534
WHITMAN FIU 4-34H1		_	5.4			16.9	425.0	49.5	49.6	9.1	50.7	365.1	339.1	Sep-21-2028	0.0609479	0.0511688
WHITMAN FIU 5-34H			8.2			21.2	648.2		75.4	9.1	69.7	556.0	496.9	May-20-2031	0.0609479	0.0511688
WHITMAN FIU 6-34H2			7.6	_		22.6	594.8	66.1	69.3	9.1	70.4	512.0	462.8	Jul-17-2030	0.0609479	0.0511688
WHITMAN FIU 7-34H1		(0.0)	8.2			24.5	647.3	71.8	75.4	9.1	63.5	571.0	517.5	Aug-8-2030	0.0609479	0.0511688
WHITMAN FIU 8-34H	-	(0.0)	6.6		, ,	14.7	519.5	43.1	60.3	9.1	59.4	433.7	391.0	Aug-16-2030	0.0609479	0.0511688
WHITMAN FIU 9-34H2	-	(0.0)	7.4		, ,	20.2	581.0	59.2	67.6	9.1	68.8	494.6	440.7	May-23-2031	0.0609479	0.0511688
WHITMAN FIU 10-34H	-	-	5.2		-	9.8	412.8	28.7	47.9	9.1	54.6	329.8	298.6	Feb-2-2030	0.0609479	0.0511688
WHITMAN FIU 12-34H2	-	-	6.9		-	10.8	539.1	31.7	62.4	9.1	61.5	437.7	389.0	Apr-7-2031	0.0609479	0.0511688
WHITMAN FIU 13-34HSL1	-	(0.0)	4.5			8.7	350.4	25.5	40.7	9.1	56.8	269.3	240.1	Sep-25-2030	0.0609479	0.0511688
BANG 1-33H	-	(0.0)	4.3		(0.0)	0.7	330.4	23.3	40.7	9.1	30.8	209.3	240.1	Jul-20-2028	0.0009479	0.0311088
BANG 2-33T		-	-		-	-		-	-	-	-	-	-	May-16-2029	-	
BANG 3-33H1		-	-	-	-	-	-	_	-	-	-	-	-	Dec-7-2027	-	
BANG 4-4H		-	-		-	-	-			-	-	-		Jan-6-2029	-	
BANG 5-4H1		-	-		-	-				-	-	-		Feb-17-2030	-	
BANG 6-4H	-	-	-	-	-	-	-	-	-	-	-	-	-	Aug-28-2029	-	
BANG 7-4H1		-	-	-	-	-	-	_	-	-	-	-	-	-	-	
BANG 8-4H	-	-	-	-	-	-	-	-	-	-	-	-	-	Jan-22-2029 Dec-6-2027	-	
		-	-	-	-	-	-	_	-	-	-	-	-		-	
BANG 9-4H1	-	-	-	-	-	-	-	-	-	-	-	-	-	Aug-27-2029	-	
BANG 10-4H	-	-	-	-	-	-	-	-	-	-	-	-	-	Aug-1-2028	-	
BANG 11-4H1	-	-	-	-	-	-	-	-	-	-	-	-	-	Nov-1-2028	-	
BANG 12-4H	-	-	-	-	-	-	-	-	-	-	-	-	-	Apr-30-2027	-	
BANG 13-4H1	-	- (0.0)	-	-	- (0.0)	-	-	- 22.5	-	-	-	- 476.6	-	Jan-14-2028	-	
BANG FIU 14-4HSL	-	(0.0)	2.6	-	(0.0)	8.0	207.4	23.5	24.2	4.6	25.6	176.6	161.4	Sep-1-2029	0.0304740	0.0255844
GALE 14-32HSL	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-20-2028	-	
BRANDVIK 14-24H	-	-	-	-	-	-	-	-	-	-	-	-	-	Oct-30-2024	-	_
BRANDVIK 2-25H	-	-	-	-	-	-	-	-	-	-	-	-	-	Jan-3-2039	-	_
BRANDVIK 3-25H	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-11-2043	-	-
BRANDVIK 4-25H1	-	-	-	-	-	-	-	-	-	-	-	-	-	Jun-16-2037	-	-
BRANDVIK 5-25H1	-	-	-	-	-	-	-	-	-	-	-	-	-	Mar-26-2032	-	-
BRANDVIK 6-25H	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-16-2037	-	
BRANDVIK 7-25H2	-	-	-	-	-	-	-	-	-	-	-	-	-	Nov-5-2031	-	-
BRANDVIK 8-25H1	-	-	-	-	-	-	-	-	-	-	-	-	-	Mar-2-2028	-	-

## Total Proved + Probable + Possible as of January 1, 2024

## <u>Delta (= Anticipated - Current)</u> Working Interest

Units →	Mbbl	Mbbl	Mbbl	MMcf	MMcf	MMcf	M\$	M\$	M\$	M\$	M\$	M\$	M\$	MMM-D-YYYY	decimal	decimal
CaseName	CumOil	GrossOil	NetOil	CumGas	GrossGas	NetGas	OilRevenue	GasRevenue	ProductionTax	Investment	TotalCost	NonDiscCash	DiscCash	EconomicLimit	InitWrkInt	InitRevInt
BRANDVIK 9-25H	-		-	-	-	-	-	-	-	-	-	-	-	Mar-23-2028	-	-
BRANDVIK 10-25H2	-		-	-	-	-	-	-	-	-	-	-	-	Oct-20-2038	-	-
BRANDVIK 11-25H	-	-	-	-	-	-	-	-	-	-	-	-	-	Jul-1-2036	-	-
BRANDVIK 12-25H	-		-	-	-	-	-	-	-	-	-	-	-	Mar-18-2030	-	-
MERIWETHER 1A MBH-ULW	-	-	-	-	-	-	-	-	-	-	-	-	-	May-31-2031	-	-
STATE WEYDAHL 44-36H	-		-	-	-	-	-	-	-	-	-	-	-	May-20-2025	-	-
STATE WEYDAHL 2-36H	-		-	-	-	-	-	-	-	-	-	-	-	Jul-21-2037	-	-
STATE WEYDAHL 3-36H1	-		-	-	-	-	-	-	-	-	-	-	-	Aug-9-2035	-	-
STATE WEYDAHL 4-36H1	-		-	-	-	-	-	-	-	-	-	-	-	Aug-14-2046	-	-
STATE WEYDAHL 5-36H1	-		-	-	-	-	-	-	-	-	-	-	-	May-10-2027	-	-
STATE WEYDAHL 6-36H	-		-	-	-	-	-	-	-	-	-	-	-	Jul-1-2034	-	-
STATE WEYDAHL 7-36H2			-	-	-	-	-	-	-	-	-	-	-	Jun-8-2039	-	-
STATE WEYDAHL 8-36H1			-	-	-	-	-	-	_	-	-	-	-	Apr-10-2031	-	
STATE WEYDAHL 9-36H			-	-	_	-	_	-	_	_	-	-	_	Jun-24-2034	-	_
STATE WEYDAHL 10-36H2			-	-	_	-	-	-	-	-	-	-	-	Jan-18-2035	-	
STATE WEYDAHL 11-36H			-	-	_	-	-	-	-	-	-	-	-	Apr-7-2031	-	-
STATE WEYDAHL 12-36H	_		_	_	_	-	_	_	_	-	_	-	-	Sep-10-2032	_	_
PRAIRIE ROSE 1A MBH-ULW	_		_	_	_	-	_	_	_	-	_	-	-	May-31-2030	_	_
DVIRNAK 10-7HSL1			_	_	_	_	_	_	_		_	_	_	Dec-21-2033	_	
Total Proved Producing	_	0.1	34.0	_	0.1	120.1	2,672.3	351.7	312.2	(35.2)	(400.4)	3,147.5	3,078.2		-	_
CARUS TF2 Loc1	_								-	- (33.2)	(400.4)	5,147.5		Feb-18-2040	-	_
CARUS TF2 Loc2			_	_	_		_	_	_	_		_	_	Mar-20-2040		
CARUS TF2 Loc3			_	_	_	_	_	_	_	_		_	_	Apr-20-2040	_	
SUMMERFIELD TF2 Loc1	_		_	_	_	_	_	_	_	_	_	_	_	Apr-22-2039	_	_
SUMMERFIELD TF2 Loc2	_		_	_	_	_	_	_	_	_	_	_	_	May-23-2039	_	_
SUMMERFIELD TF2 Loc3			_		_		_				_			Jun-22-2039		
Total Proved Undeveloped	_		_	_	_	_	_	_	_	_	_	_	_	Juli 22 2033	_	_
Total Proved		0.1	34.0		0.1	120.1	2,672.3	351.7	312.2	(35.2)	(400.4)	3,147.5	3,078.2			
iPB CARSON PEAK 3-35H					0.1	-	2,072.3	331.7	J12.2	(33.2)	(400.4)	3,147.3	3,070.2	Sep-29-2032	_	_
iPB_CARSON PEAK 5-35H2			0.0		_	0.0	0.6	0.0	0.1	-	0.1	0.5	0.4	Jan-20-2032	0.0004083	0.0003459
iPB CARSON PEAK 6-35H1			0.6		_	1.3			5.1		6.7				0.0194604	0.0164869
iPB CARSON PEAK 7-35H			0.6		_	2.3			5.7						0.0194604	0.0164869
iPB CARSON PEAK 8-35H2			0.4		_	0.7			3.6		5.2		19.3	,	0.0194604	0.0164869
iPB CARSON PEAK 9-35H	_		0.0		_	0.7			0.1					Jun-14-2032	0.0004083	0.0104003
iPB_CARSON PEAK 10-35H1			0.0		_	0.0			0.1		0.2		0.7		0.0004083	0.0003459
iPB_CARSON PEAK 10-35H1			0.0		_	0.0			0.1		0.1			May-11-2032	0.0004083	0.0003459
iPB_CARSON PEAK 12-35H1	_		0.0		_	0.0			0.1		0.1		0.4		0.0004083	0.0003459
iPB_CARSON PEAK 12-35H1	_		0.0		_	0.0			0.1		0.1				0.0004083	0.0003459
iPB_CARSON PEAK 13-35H	_	_	0.0		_	0.0			0.1		0.0				0.0004083	0.0003459
	_	-	0.0	_	-	0.0	0.3		0.0	-	0.0	0.2	0.2	Dec-12-2063	0.0002041	0.0001729
iPB_HAWKINSON 1-22H	_	-	-	_	-	-	-	-	-	-	-	-	-		-	-
iPB_HAWKINSON 2-27H	-	-	- (4.0)	-	-	(7.0)	- (4 A 7 7)	(20.4)	(47.0)	-	(20.4)	(120.4)	(00.0)	Mar-24-2035	(0.0725452)	(0.0647474)
iPB_HAWKINSON 4-22H2	-	-	(1.9)		-	(7.0)	. ,	. ,	(17.3)		(20.4)		(88.9)			
iPB_HAWKINSON 5-22H	-	-	(2.0)		-	(3.0)	, ,	` '	(17.8)		(44.2)		(42.0)	Jan-12-2049	` ,	, ,
iPB_HAWKINSON 7-22H2	-	-	(1.9)		-	(1.9)	. ,		(17.1)		(78.6)	, ,	(20.2)		(0.0677536)	
iPB_HAWKINSON 8-22H	-	-	(0.7)			(2.3)			(6.4)		(22.7)	1 /	(26.7)	Mar-12-2032	` ,	. ,
iPB_HAWKINSON 10-22H1	-	-	(1.4)			(1.7)	. ,		(12.4)		(55.8)	1 /	(33.3)	Mar-11-2037		
iPB_HAWKINSON 11-22H2	-	-	(1.4)		-	(4.7)		. ,	(12.5)		(27.1)	, ,	(64.1)			· · · · · · · · · · · · · · · · · · ·
iPB_HAWKINSON 12-22H3	-	-	(1.9)		-	(2.3)	. ,		(17.0)		( ,	, ,	(48.5)		(0.0867809)	. ,
iPB_HAWKINSON 13-22H	-	-	(1.5)		-	(2.4)			(13.8)		(28.4)	, ,	(40.8)		(0.0623906)	(0.0522836)
iPB HAWKINSON 15-22H2	-	-	(1.1)	-	-	(4.3)	(85.3)	(12.7)	(10.0)	-	(36.0)	(52.0)	(42.0)	May-17-2032	(0.0627275)	(0.0526533)

#### Total Proved + Probable + Possible as of January 1, 2024

#### **Delta (= Anticipated - Current)** Working Interest

Units →	Mbbl	Mbbl	Mbbl	MMcf	MMcf	MMcf	M\$	M\$	M\$	М\$	M\$	M\$	M\$	MMM-D-YYYY	decimal	decimal
CaseName	CumOil	GrossOil	NetOil	CumGas	GrossGas	NetGas	OilRevenue	GasRevenue	ProductionTax	Investment	TotalCost	NonDiscCash	DiscCash	EconomicLimit	InitWrkInt	InitRevInt
iPB_HAWKINSON 16-22HSL1	-	-	(2.3)	-	-	(5.0)	(183.1)	(14.7)	(21.3)	-	(60.3)	(116.3)	(73.4)	Oct-15-2039	(0.0655750)	(0.0553219)
iPB_CARUS 12-28HSL1	-	0.0	(0.2)	-	0.0	(0.7)	(14.1)	(2.2)	(1.7)	-	(3.7)	(11.0)	(6.6)	Sep-25-2040	(0.0064955)	(0.0053679)
iPB_MORRIS 4-23HSL	-	-	(1.0)	-	-	(1.8)	(80.1)	(5.3)	(9.3)	-	(28.7)	(47.4)	(34.7)	Apr-18-2033	(0.0655750)	(0.0553219)
iPB_MORRIS 5-23H2	-	-	-	-	-	-	-	-	-	-	-	-	-	Oct-28-2032	-	-
iPB_MORRIS 6-23H	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-16-2033	-	-
iPB_MORRIS 7-26H2	-	-	0.3	-	-	1.0	25.2	3.0	2.9	-	8.0	17.3	13.5	Dec-27-2031	0.0194604	0.0164869
iPB_MORRIS 8-26H1	-	-	0.0	-	-	0.0	0.4	0.0	0.1	-	0.1	0.3	0.2	Jul-21-2033	0.0004082	0.0003459
iPB_MORRIS 9-26H	-	-	0.0	-	-	0.1	1.5	0.2	0.2	-	0.3	1.1	0.7	Jul-17-2042	0.0004083	0.0003459
iPB_MORRIS 10-26H2	-	-	0.0	-	-	0.0	1.0	0.1	0.1	-	0.3	0.7	0.4	Jan-29-2039	0.0004083	0.0003459
iPB_MORRIS 11-26H	-	-	0.0	-	-	0.0	1.2	0.1	0.1	-	0.3	0.9	0.6	Mar-6-2041	0.0004083	0.0003459
iPB_MORRIS 12-26H1	-	-	0.0	-	-	0.0	1.0	0.1	0.1	-	0.2	0.8	0.5	Nov-23-2038	0.0004083	0.0003459
iPB_MORRIS 13-26H	-	-	0.0	-	-	0.0	1.0	0.1	0.1	-	0.2	0.8	0.5	Nov-25-2037	0.0004083	0.0003459
iPB_MORRIS 14-26HSL2	-	-	0.0	-	-	0.0	0.4	0.1	0.1	-	0.1	0.4	0.3	Jan-27-2036	0.0002041	0.0001729
iPB_WHITMAN 2-34H	-	-	-	-	-	-	-	-	-	-	-	-	-	Jun-3-2030	-	-
iPB_WHITMAN 3-34H	-	-	0.0	-	-	0.0	0.6	0.0	0.1	-	0.1	0.4	0.3	Mar-18-2030	0.0004209	0.0003534
Total Probable Producing	-	0.0	(15.1)	-	0.0	(31.3)	(1,188.0)	(91.7)	(137.9)	-	(420.9)	(720.8)	(421.7)		-	-
Total Probable	-	0.0	(15.1)	-	0.0	(31.3)	(1,188.0)	(91.7)	(137.9)	-	(420.9)	(720.8)	(421.7)		-	-
CARSON PEAK TF3 Loc1	-	-	0.2	-	-	0.3	14.2	0.9	1.6	2.8	1.0	9.6	6.5	Jan-13-2033	0.0004083	0.0003459
CARSON PEAK TF3 Loc2	-	-	0.2	-	-	0.3	14.2	0.9	1.6	2.8	1.0	9.6	6.4	Feb-13-2033	0.0004083	0.0003459
CARSON PEAK TF3 Loc3	-	-	0.2	-	-	0.3	14.2	0.9	1.6	2.8	1.0	9.6	6.4	Mar-16-2033	0.0004083	0.0003459
CARUS TF3 Loc1	-	-	-	-	-	-	-	-	-	-	-	-	-	Apr-15-2033	-	-
CARUS TF3 Loc2	-	-	-	-	-	-	-	-	-	-	-	-	-	May-16-2033	-	-
CARUS TF3 Loc3	-	-	-	-	-	-	-	-	-	-	-	-	-	Jun-15-2033	-	-
MORRIS TF3 Loc1	-	-	0.2	-	-	0.3	14.2	0.9	1.6	2.8	1.0	9.6	6.2	Jul-16-2033	0.0004083	0.0003459
MORRIS TF3 Loc2	-	-	0.2	-	-	0.3	14.2	0.9	1.6	2.8	1.0	9.6	6.1	Aug-16-2033	0.0004083	0.0003459
MORRIS TF3 Loc3	-	-	0.2	-	-	0.3	14.2	0.9	1.6	2.8	1.0	9.6	6.1	Sep-13-2033	0.0004083	0.0003459
SUMMERFIELD TF3 Loc1	-	-	-	-	-	-	-	-	-	-	-	-	-	Jul-17-2033	-	-
SUMMERFIELD TF3 Loc2	-	-	-	-	-	-	-	-	-	-	-	-	-	Aug-16-2033	-	-
SUMMERFIELD TF3 Loc3	-	-	-	-	-	-	-	-	-	-	-	-	-	Sep-16-2033	-	-
WHITMAN TF3 Loc1	-	-	0.1	-	-	0.2	7.3	0.4	0.8	1.5	0.5	4.9	3.0	Jan-13-2034	0.0002105	0.0001767
WHITMAN TF3 Loc2	-	-	0.1	-	-	0.2	7.3	0.4	0.8	1.5	0.5	4.9	3.0	Feb-13-2034	0.0002105	0.0001767
WHITMAN TF3 Loc3	-	-	0.1	-	-	0.2	7.3	0.4	0.8	1.5	0.5	4.9	2.9	Mar-16-2034	0.0002105	0.0001767
Total Possible Undeveloped	-	-	1.4	-	-	2.2	107.1	6.6	12.4	21.4	7.5	72.3	46.6		-	-
Total Possible	-	-	1.4	-	-	2.2	107.1	6.6	12.4	21.4	7.5	72.3	46.6		-	-
<b>Grand Total</b>	-	0.1	20.2	-	0.1	91.0	1,591.5	266.6	186.7	(13.8)	(813.8)	2,499.0	2,703.0		-	-

#### Notes:

- 1) Mbbl = thousands of barrels; MMcf = million standard cubic feet; M\$ = thousands of U.S. dollars; FNR = Future Net Revenue
- 2) This summary identifies the cases impacted given changes between Current and Anticipated Working Interests. Only differences between Anticipated and Current Working Interests show up on this summary
- 3) Delta = Anticipated Current; as such, positive (+) Reserves and FNR means one or more Group members dilute : whereas, negative (-) Reserves and FNR mean one or more Group members dilute.
- 4) Prior Period Adjustments (PPA) due to accretion or dilution of Working Interests prior to January 1, 2024 are NOT reflected on this summary.

# ESTIMATES of RESERVES AND FUTURE NET REVENUE to the ANDRESS SANDEFER ET AL GROUP INTEREST in CERTAIN OIL & GAS PROPERTIES located entirely in the OAKDALE FIELD and portions of the CEDAR COULEE, CORRAL CREEK, and BEAR CREEK FIELDS in DUNN COUNTY, NORTH DAKOTA as of

Volume 2 of 2

**JANUARY 1, 2024** 

Prepared in accordance with the 2018 PETROLEUM RESOURCES MANAGEMENT SYSTEM (PRMS) approved by SPE

### APPENDIX E

# BY-WELL HISTORICAL AND FORECASTED PRODUCTION PLUS ECONOMICS

Cana Nama	APPENDIX E - Tab		Danamain	D
Case Name	Operator	Field	Reservoir	Pages
Proved Developed Producing	T		T	Π
CARSON PEAK 44-2H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E6 - E7
CARSON PEAK 2-35H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E8 - E9
CARSON PEAK 3-35H	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E10 - E11
CARSON PEAK 4-35HSL	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E12 - E13
CARSON PEAK 5-35H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E14 - E15
CARSON PEAK 6-35H1	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E16 - E17
CARSON PEAK 7-35H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E18 - E19
CARSON PEAK 8-35H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E20 - E21
CARSON PEAK 9-35H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E22 - E23
CARSON PEAK 10-35H1	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E24 - E25
CARSON PEAK 11-35H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E26 - E27
CARSON PEAK 12-35H1	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E28 - E29
CARSON PEAK 13-35H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E30 - E31
CARSON PEAK 14-35HSL2	CONTINENTAL RESOURCES	CORRAL CREEK	THREE FORKS 2	E32 - E33
HAWKINSON 1-22H	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E34 - E35
HAWKINSON 2-27H	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E36 - E37
HAWKINSON 3-27H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E38 - E39
HAWKINSON 4-22H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E40 - E41
HAWKINSON 5-22H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E42 - E43
HAWKINSON 6-22H3	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 3	E44 - E45
HAWKINSON 7-22H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E46 - E47
HAWKINSON 8-22H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E48 - E49
HAWKINSON 9-22H3	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 3	E50 - E51
HAWKINSON 10-22H1	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E52 - E53
HAWKINSON 11-22H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E54 - E55
HAWKINSON 12-22H3	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 3	E56 - E57
HAWKINSON 13-22H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E58 - E59
HAWKINSON 14-22H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E60 - E61
HAWKINSON 15-22H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E62 - E63
HAWKINSON 16-22HSL1	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E64 - E65
CARUS 2-28H1	CONTINENTAL RESOURCES	CEDAR COULEE	THREE FORKS 1	E66 - E67
CARUS 3-28H	CONTINENTAL RESOURCES	CEDAR COULEE	MIDDLE BAKKEN	E68 - E69
CARUS 4-28H1	CONTINENTAL RESOURCES	CEDAR COULEE	THREE FORKS 1	E70 - E71
CARUS 5-28H	CONTINENTAL RESOURCES	CEDAR COULEE	MIDDLE BAKKEN	E72 - E73
CARUS 6-28H1	CONTINENTAL RESOURCES	CEDAR COULEE	THREE FORKS 1	E74 - E75
CARUS 7-28H	CONTINENTAL RESOURCES	CEDAR COULEE	MIDDLE BAKKEN	E76 - E77
CARUS 8-28H1	CONTINENTAL RESOURCES	CEDAR COULEE	THREE FORKS 1	E78 - E79
CARUS 9-28H	CONTINENTAL RESOURCES	CEDAR COULEE	MIDDLE BAKKEN	E80 - E81
CARUS 10-28H1	CONTINENTAL RESOURCES	CEDAR COULEE	THREE FORKS 1	E82 - E83
CARUS 11-28H	CONTINENTAL RESOURCES	CEDAR COULEE	MIDDLE BAKKEN	E84 - E85
CARUS 12-28HSL1	CONTINENTAL RESOURCES	CEDAR COULEE	THREE FORKS 1	E86 - E87
CARUS 13-28H	CONTINENTAL RESOURCES	CEDAR COULEE	MIDDLE BAKKEN	E88 - E89
CARUS 14-28H1	CONTINENTAL RESOURCES	CEDAR COULEE	THREE FORKS 1	E90 - E91
RODNEY 14-29HSL	CONTINENTAL RESOURCES	CEDAR COULEE	MIDDLE BAKKEN	E92 - E93
MORRIS 1-23H	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E94 - E95
F -		==		

**E1** 

-	APPENDIX E - Table		-	_
Case Name	Operator	Field	Reservoir	Pages
MORRIS 2-26H	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E96 - E97
MORRIS 3-26H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E98 - E99
MORRIS 4-23HSL	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E100 - E101
MORRIS 5-23H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E102 - E103
MORRIS 6-23H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E104 - E105
MORRIS 7-26H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E106 - E107
MORRIS 8-26H1	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E108 - E109
MORRIS 9-26H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E110 - E111
MORRIS 10-26H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E112 - E113
MORRIS 11-26H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E114 - E115
MORRIS 12-26H1	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E116 - E117
MORRIS 13-26H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E118 - E119
MORRIS 14-26HSL2	CONTINENTAL RESOURCES	CORRAL CREEK	THREE FORKS 2	E120 - E121
SUMMERFIELD 15-15H	ENERPLUS RESOURCES USA CORP	BEAR CREEK	MIDDLE BAKKEN	E122 - E123
SUMMERFIELD 15H-1	ENERPLUS RESOURCES USA CORP	BEAR CREEK	MIDDLE BAKKEN	E124 - E125
SUMMERFIELD 15H-2	ENERPLUS RESOURCES USA CORP	BEAR CREEK	MIDDLE BAKKEN	E126 - E127
SUMMERFIELD 15H-3	ENERPLUS RESOURCES USA CORP	BEAR CREEK	THREE FORKS 1	E128 - E129
SUMMERFIELD 15H-4	ENERPLUS RESOURCES USA CORP	BEAR CREEK	THREE FORKS 1	E130 - E131
SUMMERFIELD 15H-5	ENERPLUS RESOURCES USA CORP	BEAR CREEK	MIDDLE BAKKEN	E132 - E133
SUMMERFIELD 15H-6	ENERPLUS RESOURCES USA CORP	BEAR CREEK	THREE FORKS 1	E134 - E135
WHITMAN 11-34H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E136 - E137
WHITMAN 2-34H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E138 - E139
WHITMAN 3-34H	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E140 - E141
WHITMAN FIU 4-34H1	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E142 - E143
WHITMAN FIU 5-34H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E144 - E145
WHITMAN FIU 6-34H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E146 - E147
WHITMAN FIU 7-34H1	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E148 - E149
WHITMAN FIU 8-34H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E150 - E151
WHITMAN FIU 9-34H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E152 - E153
WHITMAN FIU 10-34H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E154 - E155
WHITMAN FIU 12-34H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E156 - E157
WHITMAN FIU 13-34HSL1	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E158 - E159
BANG 1-33H	CONTINENTAL RESOURCES	CEDAR COULEE	MIDDLE BAKKEN	E160 - E161
BANG 2-33T	CONTINENTAL RESOURCES	CEDAR COULEE	THREE FORKS 1	E162 - E163
BANG 3-33H1	CONTINENTAL RESOURCES	CEDAR COULEE	THREE FORKS 1	E164 - E165
BANG 4-4H	CONTINENTAL RESOURCES	CEDAR COULEE	MIDDLE BAKKEN	E166 - E167
BANG 5-4H1	CONTINENTAL RESOURCES	CEDAR COULEE	THREE FORKS 1	E168 - E169
BANG 6-4H	CONTINENTAL RESOURCES	CEDAR COULEE	MIDDLE BAKKEN	E170 - E171
BANG 7-4H1	CONTINENTAL RESOURCES	CEDAR COULEE	THREE FORKS 1	E172 - E173
BANG 8-4H	CONTINENTAL RESOURCES	CEDAR COULEE	MIDDLE BAKKEN	E174 - E175
BANG 9-4H1	CONTINENTAL RESOURCES	CEDAR COULEE	THREE FORKS 1	E176 - E177
BANG 10-4H	CONTINENTAL RESOURCES	CEDAR COULEE	MIDDLE BAKKEN	E178 - E179
BANG 11-4H1	CONTINENTAL RESOURCES	CEDAR COULEE	THREE FORKS 1	E180 - E181
BANG 12-4H	CONTINENTAL RESOURCES	CEDAR COULEE	MIDDLE BAKKEN	E182 - E183
BANG 13-4H1	CONTINENTAL RESOURCES	CEDAR COULEE	THREE FORKS 1	E184 - E185
BANG FIU 14-4HSL	CONTINENTAL RESOURCES	CEDAR COULEE	MIDDLE BAKKEN	E186 - E187

**E2** 

-	APPENDIX E - Table			
Case Name	Operator	Field	Reservoir	Pages
GALE 14-32HSL	CONTINENTAL RESOURCES	CEDAR COULEE	MIDDLE BAKKEN	E188 - E189
BRANDVIK 14-24H	CONTINENTAL RESOURCES	CORRAL CREEK	MIDDLE BAKKEN	E190 - E191
BRANDVIK 2-25H	CONTINENTAL RESOURCES	CORRAL CREEK	THREE FORKS 1	E192 - E193
BRANDVIK 3-25H	CONTINENTAL RESOURCES	CORRAL CREEK	MIDDLE BAKKEN	E194 - E195
BRANDVIK 4-25H1	CONTINENTAL RESOURCES	CORRAL CREEK	THREE FORKS 1	E196 - E197
BRANDVIK 5-25H1	CONTINENTAL RESOURCES	CORRAL CREEK	THREE FORKS 1	E198 - E199
BRANDVIK 6-25H	CONTINENTAL RESOURCES	CORRAL CREEK	MIDDLE BAKKEN	E200 - E201
BRANDVIK 7-25H2	CONTINENTAL RESOURCES	CORRAL CREEK	THREE FORKS 2	E202 - E203
BRANDVIK 8-25H1	CONTINENTAL RESOURCES	CORRAL CREEK	THREE FORKS 1	E204 - E205
BRANDVIK 9-25H	CONTINENTAL RESOURCES	CORRAL CREEK	MIDDLE BAKKEN	E206 - E207
BRANDVIK 10-25H2	CONTINENTAL RESOURCES	CORRAL CREEK	THREE FORKS 2	E208 - E209
BRANDVIK 11-25H	CONTINENTAL RESOURCES	CORRAL CREEK	MIDDLE BAKKEN	E210 - E211
BRANDVIK 12-25H	CONTINENTAL RESOURCES	CORRAL CREEK	MIDDLE BAKKEN	E212 - E213
MERIWETHER 1A MBH-ULW	BURLINGTON RESOURCES	CORRAL CREEK	MIDDLE BAKKEN	E214 - E215
STATE WEYDAHL 44-36H	CONTINENTAL RESOURCES	CORRAL CREEK	MIDDLE BAKKEN	E216 - E217
STATE WEYDAHL 2-36H	CONTINENTAL RESOURCES	CORRAL CREEK	MIDDLE BAKKEN	E218 - E219
STATE WEYDAHL 3-36H1	CONTINENTAL RESOURCES	CORRAL CREEK	THREE FORKS 1	E220 - E221
STATE WEYDAHL 4-36H1	CONTINENTAL RESOURCES	CORRAL CREEK	THREE FORKS 1	E222 - E223
STATE WEYDAHL 5-36H1	CONTINENTAL RESOURCES	CORRAL CREEK	THREE FORKS 1	E224 - E225
STATE WEYDAHL 6-36H	CONTINENTAL RESOURCES	CORRAL CREEK	MIDDLE BAKKEN	E226 - E227
STATE WEYDAHL 7-36H2	CONTINENTAL RESOURCES	CORRAL CREEK	THREE FORKS 2	E228 - E229
STATE WEYDAHL 8-36H1	CONTINENTAL RESOURCES	CORRAL CREEK	THREE FORKS 1	E230 - E231
STATE WEYDAHL 9-36H	CONTINENTAL RESOURCES	CORRAL CREEK	MIDDLE BAKKEN	E232 - E233
STATE WEYDAHL 10-36H2	CONTINENTAL RESOURCES	CORRAL CREEK	THREE FORKS 2	E234 - E235
STATE WEYDAHL 11-36H	CONTINENTAL RESOURCES	CORRAL CREEK	MIDDLE BAKKEN	E236 - E237
STATE WEYDAHL 12-36H	CONTINENTAL RESOURCES	CORRAL CREEK	MIDDLE BAKKEN	E238 - E239
PRAIRIE ROSE 1A MBH-ULW	BURLINGTON RESOURCES	CORRAL CREEK	MIDDLE BAKKEN	E240 - E241
DVIRNAK 10-7HSL1	CONTINENTAL RESOURCES	CORRAL CREEK	THREE FORKS 1	E242 - E243
Proved Undeveloped				
CARUS TF2 Loc1	CONTINENTAL RESOURCES	CEDAR COULEE	THREE FORKS 2	E244 - E245
CARUS TF2 Loc2	CONTINENTAL RESOURCES	CEDAR COULEE	THREE FORKS 2	E246 - E247
CARUS TF2 Loc3	CONTINENTAL RESOURCES	CEDAR COULEE	THREE FORKS 2	E248 - E249
SUMMERFIELD TF2 Loc1	ENERPLUS RESOURCES USA CORP	BEAR CREEK	THREE FORKS 2	E250 - E251
SUMMERFIELD TF2 Loc2	ENERPLUS RESOURCES USA CORP	BEAR CREEK	THREE FORKS 2	E252 - E253
SUMMERFIELD TF2 Loc3	ENERPLUS RESOURCES USA CORP	BEAR CREEK	THREE FORKS 2	E254 - E255
Probable Developed Producing				
iPB CARSON PEAK 3-35H	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E256 - E257
iPB_CARSON PEAK 5-35H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E258 - E259
iPB CARSON PEAK 6-35H1	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E260 - E261
iPB CARSON PEAK 7-35H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E262 - E263
iPB CARSON PEAK 8-35H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E264 - E265
iPB_CARSON PEAK 9-35H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E266 - E267
iPB CARSON PEAK 10-35H1	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E268 - E269
iPB CARSON PEAK 11-35H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E270 - E271
iPB_CARSON PEAK 12-35H1	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E272 - E273
iPB_CARSON PEAK 13-35H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E274 - E275
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**E3** 

Andress 00123

Case Name	Operator	Field	Reservoir	Pages
iPB CARSON PEAK 14-35HSL2	CONTINENTAL RESOURCES	CORRAL CREEK	THREE FORKS 2	E276 - E277
iPB HAWKINSON 1-22H	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E278 - E279
iPB HAWKINSON 2-27H	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E280 - E281
iPB HAWKINSON 4-22H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E282 - E283
iPB_HAWKINSON 5-22H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E284 - E285
iPB_HAWKINSON 7-22H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E286 - E287
iPB HAWKINSON 8-22H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E288 - E289
iPB HAWKINSON 10-22H1	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E290 - E291
iPB_HAWKINSON 11-22H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E292 - E293
iPB_HAWKINSON 12-22H3	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 3	E294 - E295
iPB_HAWKINSON 13-22H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E296 - E297
iPB_HAWKINSON 15-22H2	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E298 - E299
	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E300 - E301
iPB_HAWKINSON 16-22HSL1		CEDAR COULEE	THREE FORKS 1	
iPB_CARUS 12-28HSL1	CONTINENTAL RESOURCES			E302 - E303
iPB_MORRIS 4-23HSL	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E304 - E305
iPB_MORRIS 5-23H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E306 - E307
iPB_MORRIS 6-23H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E308 - E309
iPB_MORRIS 7-26H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E310 - E311
iPB_MORRIS 8-26H1	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E312 - E313
iPB_MORRIS 9-26H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E314 - E315
iPB_MORRIS 10-26H2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 2	E316 - E317
iPB_MORRIS 11-26H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E318 - E319
iPB_MORRIS 12-26H1	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E320 - E321
iPB_MORRIS 13-26H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E322 - E323
iPB_MORRIS 14-26HSL2	CONTINENTAL RESOURCES	CORRAL CREEK	THREE FORKS 2	E324 - E325
iPB_WHITMAN 2-34H	CONTINENTAL RESOURCES	OAKDALE	MIDDLE BAKKEN	E326 - E327
iPB_WHITMAN 3-34H	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 1	E328 - E329
Possible Undeveloped				
CARSON PEAK TF3 Loc1	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 3	E330 - E331
CARSON PEAK TF3 Loc2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 3	E332 - E333
CARSON PEAK TF3 Loc3	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 3	E334 - E335
CARUS TF3 Loc1	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 3	E336 - E337
CARUS TF3 Loc2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 3	E338 - E339
CARUS TF3 Loc3	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 3	E340 - E341
MORRIS TF3 Loc1	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 3	E342 - E343
MORRIS TF3 Loc2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 3	E344 - E345
MORRIS TF3 Loc3	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 3	E346 - E347
SUMMERFIELD TF3 Loc1	ENERPLUS RESOURCES USA CORP	BEAR CREEK	THREE FORKS 3	E348 - E349
SUMMERFIELD TF3 Loc2	ENERPLUS RESOURCES USA CORP	BEAR CREEK	THREE FORKS 3	E350 - E351
SUMMERFIELD TF3 Loc3	ENERPLUS RESOURCES USA CORP	BEAR CREEK	THREE FORKS 3	E352 - E353
WHITMAN TF3 Loc1	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 3	E354 - E355
WHITMAN TF3 Loc2	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 3	E356 - E357
WHITMAN TF3 Loc3	CONTINENTAL RESOURCES	OAKDALE	THREE FORKS 3	E358 - E359

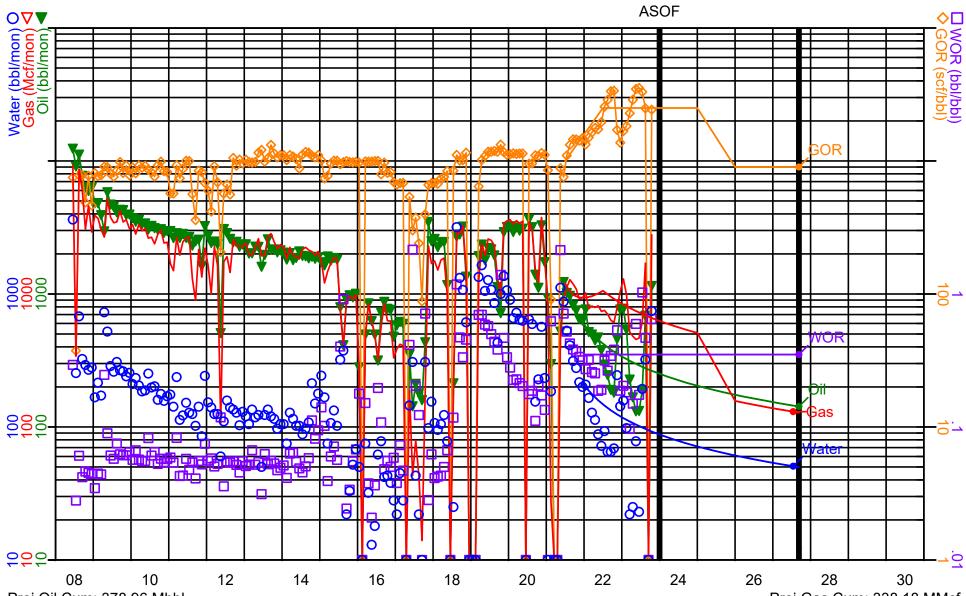
**E4** Andress 00124

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Case Name: CARSON PEAK 44-2H

API Number: 33-025-00725 NDIC FILE No: 17079 Reservoir: MIDDLE BAKKEN Perfs: 11807-20596

CTB No: 117079



Proj Oil Cum: 378.96 Mbbl

Oil Rem: 8.15 Mbbl Oil EUR: 387.11 Mbbl Proj Gas Cum: 338.18 MMcf Gas Rem: 13.22 MMcf Gas EUR: 351.40 MMcf

#### 1/25/2024 12:00:00AM PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

379.0

0.0

338.2

GROSS RESERVES

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.000000 INITIAL REVENUE INTEREST: 0.000000

PHDWIN ID: 4 PERIOD

CUM PROD

AS OF JANUARY 1, 2024

AVERAGE PRICES

NET RESERVES

NAME: FIELD:

CARSON PEAK 44-2H

OAKDALE RESERVOIR: MIDDLE BAKKEN

COUNTY, STATE: OPERATOR:

DUNN, ND CONTINENTAL RESOURCES

GROSS REVENUE

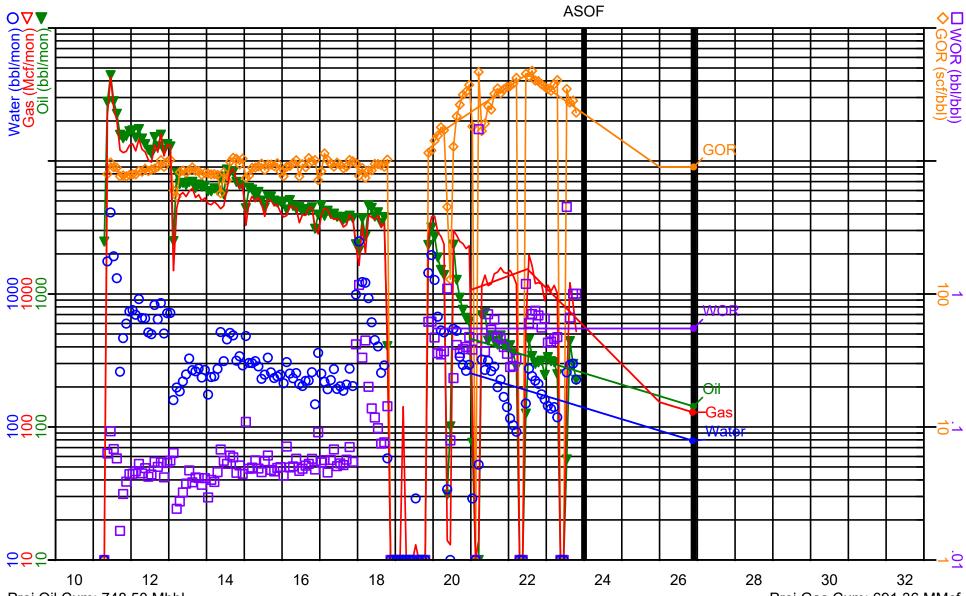
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	2.7	0.0	6.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	2.3	0.0	3.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	2.0	0.0	1.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	1.2	0.0	1.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	8.2	0.0	13.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	8.2	0.0	13.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0

COMTROD	575.0		0.0									
ULTIMATE	387.1		0.0 351	.4								
				NET DEDUCTION:	S/EXPENDITURES			FUTURE NET				
PERIOD	NUMBER OF	FACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
											15	0.0
											20	0.0
											30	0.0
											40	0.0
											50	0.0
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 3.7 Y	RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: CARSON PEAK 2-35H

API Number: 33-025-01078 NDIC FILE No: 18861 Reservoir: MIDDLE BAKKEN Perfs: 11854-22067

CTB No: 118861



Proj Oil Cum: 748.50 Mbbl

Oil Rem: 6.71 Mbbl Oil EUR: 755.22 Mbbl Proj Gas Cum: 691.36 MMcf Gas Rem: 9.16 MMcf Gas EUR: 700.52 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

NET RESERVES

ANDRESS SANDEFER ET AL CURRENT INTEREST

GROSS RESERVES

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070474 INITIAL REVENUE INTEREST: 0.059697

PHDWIN ID: 1 PERIOD

REMAINING

TOTAL OF 2.9 YRS

AVERAGE PRICES

CARSON PEAK 2-35H

OAKDALE FIELD: RESERVOIR: MIDDLE BAKKEN

COUNTY, STATE: OPERATOR:

NAME:

DUNN, ND CONTINENTAL RESOURCES

GROSS REVENUE

TERIOD GROSS RESERVES				TEL TELBEICTES		111	LIGIOL I RICEL	<u>,                                     </u>	GROSS REVERGE			
OIL MBBI	NGL MGAI	GAS MMCF	OIL MBBI	NGL MGAI	GAS MMCF	OIL ¢/rri	NGL \$/GAI	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
	0.0	5.0	0.2	0.0	0.3	78.670	0.000	2.929	13.0	0.0	0.8	13.8
2.3	0.0	2.6	0.1	0.0	0.1	78.670	0.000	2.929	10.6	0.0	0.4	11.1
1.7	0.0	1.5	0.1	0.0	0.1	78.670	0.000	2.929	7.9	0.0	0.2	8.2
0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
6.7	0.0	9.2	0.4	0.0	0.5	78.670	0.000	2.929	31.5	0.0	1.5	33.0
0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
6.7	0.0	9.2	0.4	0.0	0.5	78.670	0.000	2.929	31.5	0.0	1.5	33.0
748.5	0.0	691.4										
	OIL MBBL 2.8 2.3 1.7 0.0	OIL MGL MBBL MGAL  2.8 0.0 2.3 0.0 1.7 0.0 0.0 0.0  6.7 0.0 0.0 6.7 0.0	OIL NGL GAS MMCF  2.8 0.0 5.0 2.3 0.0 1.5 0.0 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL           2.8         0.0         5.0         0.2           2.3         0.0         2.6         0.1           1.7         0.0         1.5         0.1           0.0         0.0         0.0         0.0           6.7         0.0         9.2         0.4           0.0         0.0         0.0         0.0           6.7         0.0         9.2         0.4           0.0         0.0         0.0         0.0           6.7         0.0         9.2         0.4	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL           2.8         0.0         5.0         0.2         0.0           2.3         0.0         2.6         0.1         0.0           1.7         0.0         1.5         0.1         0.0           0.0         0.0         0.0         0.0         0.0           6.7         0.0         9.2         0.4         0.0           0.0         0.0         0.0         0.0         0.0           6.7         0.0         9.2         0.4         0.0           6.7         0.0         9.2         0.4         0.0	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF           2.8         0.0         5.0         0.2         0.0         0.3           2.3         0.0         2.6         0.1         0.0         0.1           1.7         0.0         1.5         0.1         0.0         0.1           0.0         0.0         0.0         0.0         0.0         0.0           0.0         0.0         0.0         0.0         0.0         0.5           0.0         0.0         0.0         0.0         0.0         0.0           6.7         0.0         9.2         0.4         0.0         0.5           0.0         0.0         0.0         0.0         0.0         0.0           6.7         0.0         9.2         0.4         0.0         0.5	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/BBL           2.8         0.0         5.0         0.2         0.0         0.3         78.670           2.3         0.0         2.6         0.1         0.0         0.1         78.670           1.7         0.0         1.5         0.1         0.0         0.1         78.670           0.0         0.0         0.0         0.0         0.0         0.0         0.0           6.7         0.0         9.2         0.4         0.0         0.5         78.670           0.0         0.0         0.0         0.0         0.0         0.0         0.0           6.7         0.0         9.2         0.4         0.0         0.5         78.670           0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.00           6.7         0.0         9.2         0.4         0.0         0.5         78.670	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/GAL         NGL S/BBL         NGL S/BBL         NGL S/GAL           2.8         0.0         5.0         0.2         0.0         0.3         78.670         0.000           2.3         0.0         2.6         0.1         0.0         0.1         78.670         0.000           1.7         0.0         1.5         0.1         0.0         0.1         78.670         0.000           0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.00         0.00           6.7         0.0         9.2         0.4         0.0         0.5         78.670         0.000           0.0         0.0         0.0         0.0         0.0         0.0         0.00         0.00           6.7         0.0         9.2         0.4         0.0         0.5         78.670         0.000           0.0         0.0         0.0         0.0         0.0         0.00         0.00         0.00	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL MGAL S/MCF           2.8         0.0         5.0         0.2         0.0         0.3         78.670         0.000         2.929           2.3         0.0         2.6         0.1         0.0         0.1         78.670         0.000         2.929           1.7         0.0         1.5         0.1         0.0         0.1         78.670         0.000         2.929           0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.000         0.000         0.000         0.000           6.7         0.0         9.2         0.4         0.0         0.5         78.670         0.000         2.929           0.0         0.0         0.0         0.0         0.0         0.0         0.000         <	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL MS         S/BBL S/GAL         S/MCF         MS           2.8         0.0         5.0         0.2         0.0         0.3         78.670         0.000         2.929         13.0           2.3         0.0         2.6         0.1         0.0         0.1         78.670         0.000         2.929         10.6           1.7         0.0         1.5         0.1         0.0         0.1         78.670         0.000         2.929         7.9           0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.00	OIL MBL         NGL MBL         GAS MGAL         OIL MBBL         NGL MMCF         GAS MMCF         OIL MGAL         NGL MMCF         S/BBL         S/GAL S/MCF         OIL S/MCF         NGL MS           2.8         0.0         5.0         0.2         0.0         0.3         78.670         0.000         2.929         13.0         0.0           2.3         0.0         2.6         0.1         0.0         0.1         78.670         0.000         2.929         10.6         0.0           1.7         0.0         1.5         0.1         0.0         0.1         78.670         0.000         2.929         7.9         0.0           0.0         0.0         0.0         0.0         0.0         0.0         0.000         0.000         0.000         0.000         0.0         0.0           6.7         0.0         9.2         0.4         0.0         0.5         78.670         0.000         2.929         31.5         0.0           0.0         0.0         0.0         0.0         0.5         78.670         0.000         2.929         31.5         0.0           6.7         0.0         9.2         0.4         0.0         0.5         78.670 <t< td=""><td>OIL MBL         NGL MGAL         GAS MMCF         OIL MGAL         NGL MBBL         NGL MMCF         SIBBL SIGAL SIMCF         SIGAL SIMCF         NGL MS         NGL MS         MS         MS         MS           2.8         0.0         5.0         0.2         0.0         0.3         78.670         0.000         2.929         11.0         0.0         0.8           2.3         0.0         2.6         0.1         0.0         0.1         78.670         0.000         2.929         10.6         0.0         0.4           1.7         0.0         1.5         0.1         0.0         0.1         78.670         0.000         2.929         7.9         0.0         0.2           0.0         0.0         0.0         0.0         0.0         0.0         0.000         0.000         0.000         0.00         0.0         0.0           6.7         0.0         9.2         0.4         0.0         0.5         78.670         0.000         2.929         31.5         0.0         1.5           0.0         0.0         0.0         0.0         0.0         0.000         0.000         0.000         2.929         31.5         0.0         1.5</td></t<>	OIL MBL         NGL MGAL         GAS MMCF         OIL MGAL         NGL MBBL         NGL MMCF         SIBBL SIGAL SIMCF         SIGAL SIMCF         NGL MS         NGL MS         MS         MS         MS           2.8         0.0         5.0         0.2         0.0         0.3         78.670         0.000         2.929         11.0         0.0         0.8           2.3         0.0         2.6         0.1         0.0         0.1         78.670         0.000         2.929         10.6         0.0         0.4           1.7         0.0         1.5         0.1         0.0         0.1         78.670         0.000         2.929         7.9         0.0         0.2           0.0         0.0         0.0         0.0         0.0         0.0         0.000         0.000         0.000         0.00         0.0         0.0           6.7         0.0         9.2         0.4         0.0         0.5         78.670         0.000         2.929         31.5         0.0         1.5           0.0         0.0         0.0         0.0         0.0         0.000         0.000         0.000         2.929         31.5         0.0         1.5

ULTIMATE	755.2		0.0 700	.5								
				NET DEDUCTIONS				FUTURE NET				
PERIOD ENDING	NUMBER OF COMPLET	ΓIONS	NET PROFITS	PROD AND ADV TAXES	CAPITAL COST	OPERATING EXPENSE	UNDISCOU PERIOD	CUM	DISCOUNTEI PERIOD	CUM	DISC RATE	ORTH PROFILE  CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	1.5	0.0	7.6	4.7	4.7	4.5	4.5	0	-2.9
12-31-2025	1	0.1	0.0	1.2	0.0	7.5	2.3	7.1	2.0	6.5	5	-1.4
12-31-2026	1	0.1	0.0	0.9	0.0	6.7	0.6	7.6	0.5	7.0	8	-0.7
12-31-2027	0	0.0	0.0	0.0	10.6	0.0	-10.6	-2.9	-7.2	-0.2	10	-0.2
											12	0.2
											15	0.8
											20	1.5
											30	2.6
											40	3.2
											50	3.5
SUBTOTAL			0.0	3.6	10.6	21.7	-2.9	-2.9	-0.2	-0.2		

0.0

0.0

0.0

3.6

0.0

10.6

0.0

21.7

0.0

-2.9

0.0

-2.9

0.0

-0.2

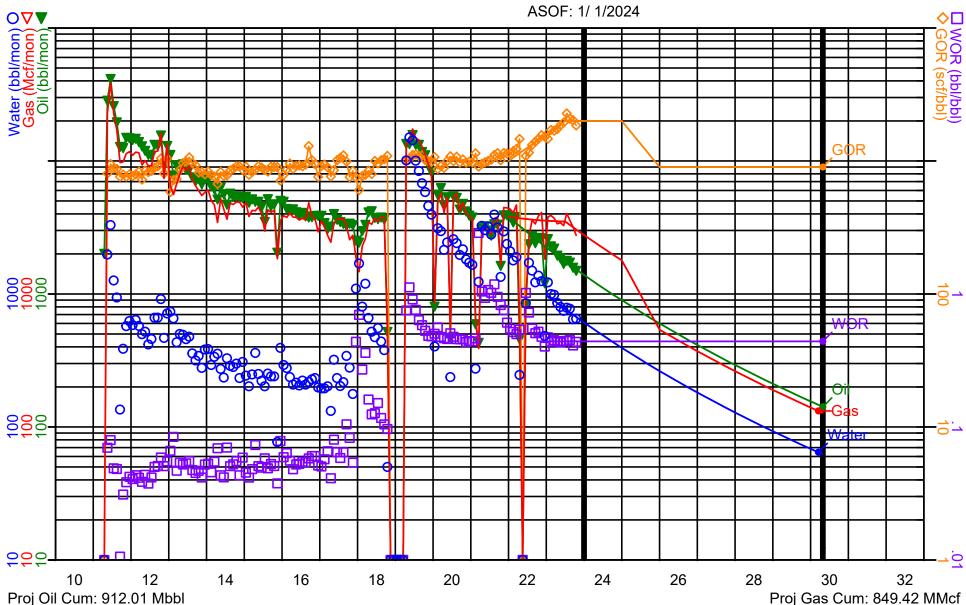
-0.2

-0.2

Case Name: CARSON PEAK 3-35H

API Number: 33-025-01076 NDIC FILE No: 18859 Reservoir: THREE FORKS 1 Perfs: 11838-22065

CTB No: 118859



Oil Rem: 38.14 Mbbl Oil EUR: 950.15 Mbbl Proj Gas Cum: 849.42 MMcf Gas Rem: 53.65 MMcf

Gas EUR: 903.07 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070474 INITIAL REVENUE INTEREST: 0.059697

PHDWIN ID: 2

CARSON PEAK 3-35H

FIELD : RESERVOIR : COUNTY, STATE :

NAME:

OAKDALE THREE FORKS 1 DUNN, ND

OPERATOR:

E: DUNN, ND
CONTINENTAL RESOURCES

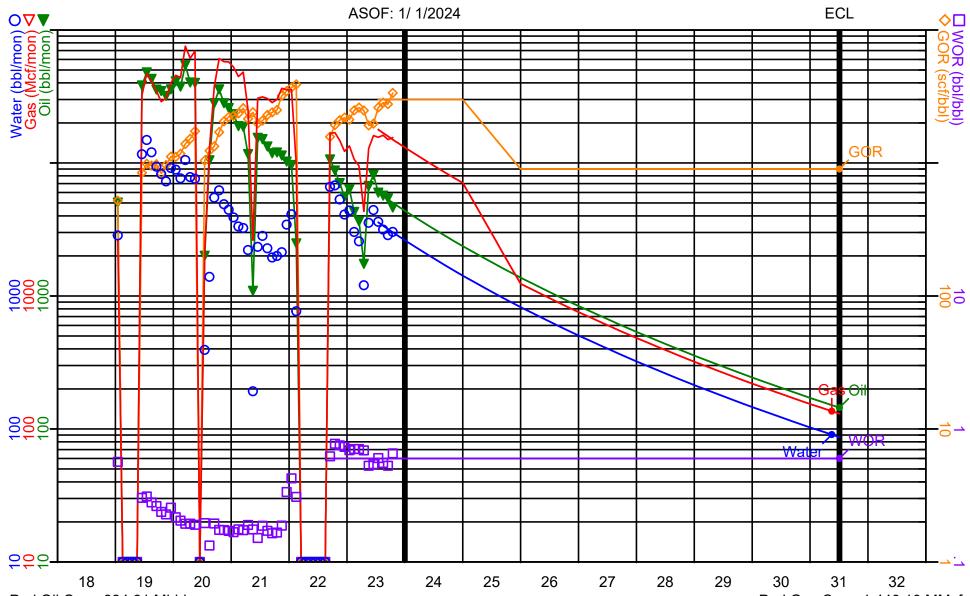
PERIOD GROSS RESERVES				NET RESERVES			AVERAGE PRICES			GROSS REVENUE			
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	13.4	0.0	26.9	0.8	0.0	1.5	78.670	0.000	2.929	63.2	0.0	4.4	67.6
12-31-2025	8.8	0.0	12.5	0.5	0.0	0.7	78.670	0.000	2.929	41.4	0.0	2.0	43.4
12-31-2026	6.0	0.0	5.4	0.4	0.0	0.3	78.670	0.000	2.929	28.1	0.0	0.9	29.0
12-31-2027	4.2	0.0	3.8	0.2	0.0	0.2	78.670	0.000	2.929	19.6	0.0	0.6	20.2
12-31-2028	3.0	0.0	2.7	0.2	0.0	0.2	78.670	0.000	2.929	14.0	0.0	0.4	14.5
12-31-2029	2.2	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	10.2	0.0	0.3	10.5
12-31-2030	0.6	0.0	0.5	0.0	0.0	0.0	78.670	0.000	2.929	2.7	0.0	0.1	2.7
12-31-2031	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
CUDTOTAL	20.1	0.0	52.4	22	0.0	3.0	79 470	0.000	2.020	170 1	0.0	00	197.0
SUBTOTAL	38.1	0.0	53.6	2.3	0.0		78.670	0.000	2.929	179.1	0.0	8.8	187.9
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	38.1	0.0	53.6	2.3	0.0	3.0	78.670	0.000	2.929	179.1	0.0	8.8	187.9
CUM PROD	912.0	0.0	849.4										
ULTIMATE	950.2	0.0	903.1										

			NET DEDUCTIONS/EXPENDITURES					FUTURE NET				
PERIOD NUMBER OF ACTIVE			NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	INTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	7.3	0.0	9.5	50.7	50.7	48.3	48.3	0	105.4
12-31-2025	1	0.1	0.0	4.8	0.0	8.6	30.0	80.7	25.8	74.1	5	99.9
12-31-2026	1	0.1	0.0	3.2	0.0	8.1	17.6	98.4	13.7	87.9	8	96.7
12-31-2027	1	0.1	0.0	2.3	0.0	7.8	10.2	108.5	7.2	95.1	10	94.6
12-31-2028	1	0.1	0.0	1.6	0.0	7.6	5.3	113.8	3.4	98.5	12	92.5
12-31-2029	1	0.1	0.0	1.2	0.0	7.4	2.0	115.8	1.1	99.6	15	89.4
12-31-2030	1	0.1	0.0	0.3	0.0	2.3	0.1	115.9	0.1	99.7	20	84.6
12-31-2031	0	0.0	0.0	0.0	10.6	0.0	-10.6	105.4	-5.1	94.6	30	75.9
											40	68.4
											50	62.1
SUBTOTAL			0.0	20.7	10.6	51.3	105.4	105.4	94.6	94.6		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	94.6		
TOTAL OF 6.3 Y	/RS		0.0	20.7	10.6	51.3	105.4	105.4	94.6	94.6		

Case Name: CARSON PEAK 4-35HSL

API Number: 33-025-03561 NDIC FILE No: 35272 Reservoir: MIDDLE BAKKEN Perfs: 11882-21956

CTB No: 235080



Proj Oil Cum: 884.61 Mbbl Oil Rem: 94.11 Mbbl

Oil EUR: 978.71 Mbbl

Proj Gas Cum: 1,440.10 MMcf Gas Rem: 186.61 MMcf Gas EUR: 1,626.71 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

PHDWIN ID: 3

CARSON PEAK 4-35HSL

FIELD: OAKDALE RESERVOIR: MIDDLE BAKKEN

COUNTY, STATE : OPERATOR :

NAME:

DUNN, ND CONTINENTAL RESOURCES

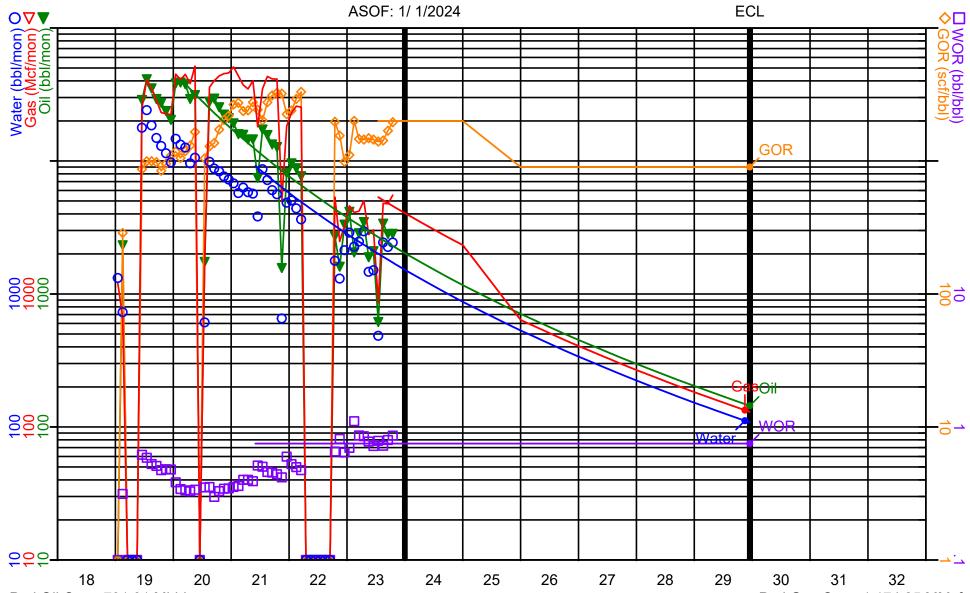
PERIOD	G	GROSS RESERVES			NET RESERVES			AVERAGE PRICES		GROSS REVENUE			
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	39.0	0.0	116.7	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	21.8	0.0	39.9	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	13.0	0.0	11.7	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2027	8.1	0.0	7.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	5.3	0.0	4.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	3.5	0.0	3.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	2.5	0.0	2.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	1.0	0.0	0.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL REMAINING	94.1 0.0	0.0 0.0	186.6 0.0	0.0 0.0	0.0 0.0	0.0 0.0	100.349 0.000	0.000	3.139 0.000	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
TOTAL	94.1	0.0	186.6	0.0	0.0	0.0	100.349	0.000	3.139	0.0	0.0	0.0	0.0
CUM PROD	884.6	0.0	1,440.1										
ULTIMATE	978.7	0.0	1,626.7										

ORTH PROFILE  CUM PW  M\$
M\$
0.0
0.0
0.0
0.0
0.0
0.0
0.0
0.0
0.0
0.0

Case Name: CARSON PEAK 5-35H2

API Number: 33-025-03562 NDIC FILE No: 35273 Reservoir: THREE FORKS 2 Perfs: 11887-22156

CTB No: 235080



Proj Oil Cum: 731.01 Mbbl Oil Rem: 45.74 Mbbl

Oil EUR: 776.75 Mbbl

Proj Gas Cum: 1,174.25 MMcf Gas Rem: 67.38 MMcf Gas EUR: 1,241.63 MMcf

### PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.069774 INITIAL REVENUE INTEREST :

PHDWIN ID: 5

AS OF JANUARY 1, 2024

CARSON PEAK 5-35H2 NAME: OAKDALE FIELD: RESERVOIR:THREE FORKS 2

COUNTY, STATE : OPERATOR :

DUNN, ND CONTINENTAL RESOURCES

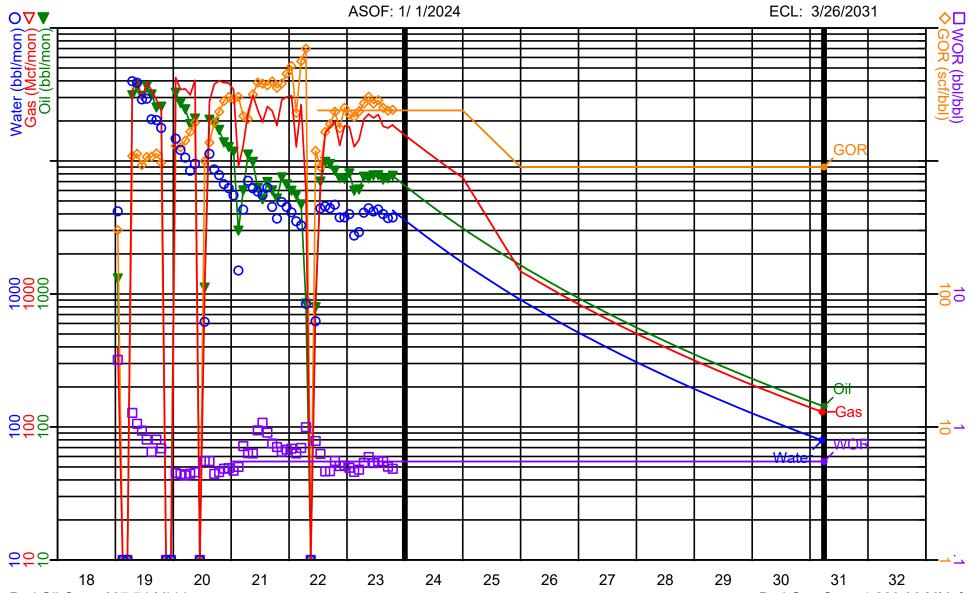
PERIOD	GI	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	VENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	18.6	0.0	37.2	1.1	0.0	2.1	78.670	0.000	2.929	86.6	0.0	6.1	92.6
12-31-2025	11.0	0.0	15.6	0.6	0.0	0.9	78.670	0.000	2.929	51.0	0.0	2.5	53.5
12-31-2026	6.8	0.0	6.1	0.4	0.0	0.3	78.670	0.000	2.929	31.7	0.0	1.0	32.7
12-31-2027	4.4	0.0	4.0	0.3	0.0	0.2	78.670	0.000	2.929	20.5	0.0	0.6	21.2
12-31-2028	3.0	0.0	2.7	0.2	0.0	0.1	78.670	0.000	2.929	13.8	0.0	0.4	14.2
12-31-2029	2.0	0.0	1.8	0.1	0.0	0.1	78.670	0.000	2.929	9.2	0.0	0.3	9.4
12-31-2030	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	45.7	0.0	67.4	2.7	0.0	3.7	78.670	0.000	2.929	212.7	0.0	11.0	223.7
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	45.7	0.0	67.4	2.7	0.0	3.7	78.670	0.000	2.929	212.7	0.0	11.0	223.7
CUM PROD	731.0	0.0	1,174.2										
ULTIMATE	776.8	0.0	1,241.6										

			NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
NUMBER OF	FACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU			O AT 10%	PRESENT WO	ORTH PROFILE
COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
1	0.1	0.0	10.0	0.0	11.7	70.9	70.9	67.5	67.5	0	135.6
1	0.1	0.0	5.9	0.0	9.7	37.9	108.7	32.7	100.2	5	128.8
1	0.1	0.0	3.7	0.0	8.7	20.4	129.1	15.9	116.1	8	124.9
1	0.1	0.0	2.4	0.0	8.1	10.7	139.8	7.6	123.7	10	122.3
1	0.1	0.0	1.6	0.0	7.7	4.9	144.8	3.2	126.8	12	119.8
1	0.1	0.0	1.1	0.0	7.1	1.2	146.0	0.7	127.5	15	116.1
0	0.0	0.0	0.0	10.5	0.0	-10.5	135.6	-5.2	122.3	20	110.3
										30	99.7
										40	90.7
										50	83.0
		0.0	24.6	10.5	53.0	135.6	135.6	122.3	122.3		
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	122.3		
YRS											
	GROSS  I I I I I I I I I I I I I I I I I I	1 0.1 1 0.1 1 0.1 1 0.1 1 0.1 1 0.1 0 0.0	COMPLETIONS         PROFITS M\$           1         0.1         0.0           1         0.1         0.0           1         0.1         0.0           1         0.1         0.0           1         0.1         0.0           1         0.1         0.0           0         0.0         0.0	NUMBER OF ACTIVE COMPLETIONS	COMPLETIONS         PROFITS MS         ADV TAXES MS         COST MS           1         0.1         0.0         10.0         0.0           1         0.1         0.0         5.9         0.0           1         0.1         0.0         3.7         0.0           1         0.1         0.0         2.4         0.0           1         0.1         0.0         1.6         0.0           1         0.1         0.0         1.1         0.0           0         0.0         0.0         0.0         10.5           0         0.0         0.0         0.0         0.0	NUMBER OF ACTIVE COMPLETIONS   PROFITS   ADV TAXES   COST   EXPENSE   M\$   M\$   M\$   M\$   M\$   M\$   M\$   M	NUMBER OF ACTIVE COMPLETIONS   PROFITS   ADV TAXES   COST   EXPENSE   MS   MS   MS   MS   MS   MS   MS	NUMBER OF ACTIVE COMPLETIONS   NET PROFITS   ADV TAXES   COST   EXPENSE   EXPENSE   PERIOD   CUM MS   MS   MS   MS   MS   MS   MS   MS	NUMBER OF ACTIVE   COMPLETIONS   PROFITS   ADV TAXES   COST   EXPENSE   PERIOD   CUM   MS   MS   MS   MS   MS   MS   MS	NUMBER OF ACTIVE COMPLETIONS   PROFITS   ADV TAXES   COST   EXPENSE   PERIOD   CUM   PERIOD   CUM   MS   MS   MS   MS   MS   MS   MS	NUMBER OF ACTIVE COMPLETIONS    NET

Case Name: CARSON PEAK 6-35H1

API Number: 33-025-03524 NDIC FILE No: 35108 Reservoir: THREE FORKS 1 Perfs: 11877-26152

CTB No: 235080



Proj Oil Cum: 667.74 Mbbl Oil Rem: 117.49 Mbbl Oil EUR: 785.22 Mbbl Proj Gas Cum: 1,269.36 MMcf Gas Rem: 207.60 MMcf Gas EUR: 1,476.96 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

All estimates and exhibits are part of this report and subject to its parameters and conditions.

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.050722 INITIAL REVENUE INTEREST :

PHDWIN ID: 6

CARSON PEAK 6-35H1

NAME: OAKDALE FIELD: RESERVOIR: THREE FORKS 1 COUNTY, STATE:

OPERATOR:

DUNN, ND CONTINENTAL RESOURCES

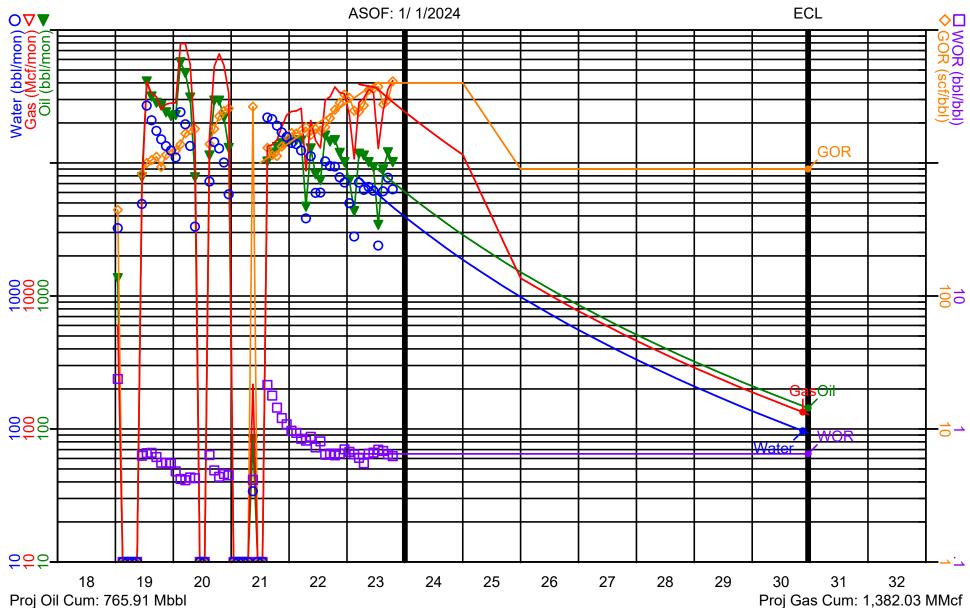
PERIOD	G	ROSS RESERVES		1	NET RESERVES		A	VERAGE PRICES			GROSS REV	/ENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	55.0	0.0	131.9	2.4	0.0	5.3	78.670	0.000	2.929	185.8	0.0	15.6	201.4
12-31-2025	27.4	0.0	44.1	1.2	0.0	1.8	78.670	0.000	2.929	92.7	0.0	5.2	97.9
12-31-2026	14.9	0.0	13.4	0.6	0.0	0.5	78.670	0.000	2.929	50.5	0.0	1.6	52.1
12-31-2027	8.7	0.0	7.8	0.4	0.0	0.3	78.670	0.000	2.929	29.4	0.0	0.9	30.3
12-31-2028	5.4	0.0	4.8	0.2	0.0	0.2	78.670	0.000	2.929	18.1	0.0	0.6	18.7
12-31-2029	3.4	0.0	3.1	0.1	0.0	0.1	78.670	0.000	2.929	11.6	0.0	0.4	11.9
12-31-2030	2.3	0.0	2.1	0.1	0.0	0.1	78.670	0.000	2.929	7.7	0.0	0.2	7.9
12-31-2031	0.4	0.0	0.4	0.0	0.0	0.0	78.670	0.000	2.929	1.4	0.0	0.0	1.5
12-31-2032	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	117.5	0.0	207.6	5.0	0.0	8.4	78.670	0.000	2.929	397.2	0.0	24.6	421.7
REMAINING TOTAL CUM PROD ULTIMATE	0.0 117.5 667.7 785.2	0.0 0.0 0.0 0.0	0.0 207.6 1,269.4 1,477.0	0.0 5.0	0.0 0.0	0.0 8.4	0.000 78.670	0.000 0.000	0.000 2.929	0.0 397.2	0.0 0.0	0.0 24.6	0.0 421.7

				NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE -	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	<u>%</u>	M\$
12-31-2024	1	0.0	0.0	21.6	0.0	13.5	166.3	166.3	158.6	158.6	0	313.8
12-31-2025	1	0.0	0.0	10.7	0.0	9.2	78.0	244.3	67.3	225.9	5	295.2
12-31-2026	1	0.0	0.0	5.8	0.0	7.3	39.0	283.3	30.5	256.4	8	284.9
12-31-2027	1	0.0	0.0	3.4	0.0	6.3	20.6	303.9	14.6	270.9	10	278.3
12-31-2028	1	0.0	0.0	2.1	0.0	5.8	10.7	314.6	6.9	277.8	12	272.0
12-31-2029	1	0.0	0.0	1.3	0.0	5.6	5.0	319.7	2.9	280.7	15	262.9
12-31-2030	1	0.0	0.0	0.9	0.0	5.4	1.7	321.3	0.9	281.6	20	248.9
12-31-2031	1	0.0	0.0	0.2	0.0	1.2	0.1	321.4	0.0	281.6	30	224.7
12-31-2032	0	0.0	0.0	0.0	7.6	0.0	-7.6	313.8	-3.4	278.3	40	204.6
											50	187.7
SUBTOTAL			0.0	46.0	7.6	54.3	313.8	313.8	278.3	278.3		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	278.3		
TOTAL OF 7.2 YR	RS		0.0	46.0	7.6	54.3	313.8	313.8	278.3	278.3		

Case Name: CARSON PEAK 7-35H

API Number: 33-025-03516 NDIC FILE No: 35080 Reservoir: MIDDLE BAKKEN Perfs: 11539-25248

CTB No: 235080



Proj Oil Cum: 765.91 Mbbl Oil Rem: 108.00 Mbbl Oil EUR: 873.91 Mbbl

Gas Rem: 289.03 MMcf Gas EUR: 1,671.07 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

All estimates and exhibits are part of this report and subject to its parameters and conditions.

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.050722 INITIAL REVENUE INTEREST: 0.042971

PHDWIN ID: 7

NAME : FIELD : CARSON PEAK 7-35H

FIELD: OAKDALE RESERVOIR: MIDDLE BAKKEN

COUNTY, STATE : OPERATOR : DUNN, ND CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES			NET RESERVES		AV	VERAGE PRICES			GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	50.9	0.0	203.8	2.2	0.0	8.2	78.670	0.000	2.929	172.2	0.0	24.1	196.3
12-31-2025	25.3	0.0	56.7	1.1	0.0	2.3	78.670	0.000	2.929	85.5	0.0	6.7	92.2
12-31-2026	13.7	0.0	12.4	0.6	0.0	0.5	78.670	0.000	2.929	46.4	0.0	1.5	47.9
12-31-2027	8.0	0.0	7.2	0.3	0.0	0.3	78.670	0.000	2.929	27.0	0.0	0.8	27.8
12-31-2028	4.9	0.0	4.4	0.2	0.0	0.2	78.670	0.000	2.929	16.6	0.0	0.5	17.1
12-31-2029	3.1	0.0	2.8	0.1	0.0	0.1	78.670	0.000	2.929	10.6	0.0	0.3	10.9
12-31-2030	2.0	0.0	1.8	0.1	0.0	0.1	78.670	0.000	2.929	6.8	0.0	0.2	7.0
12-31-2031	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0

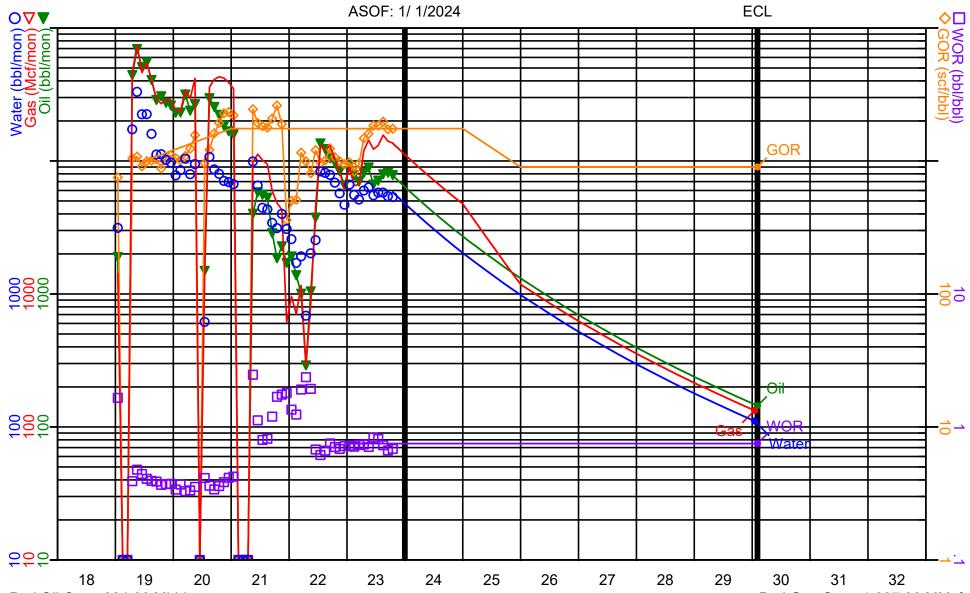
SUBTOTAL	108.0	0.0	289.0	4.6	0.0	11.7	78.670	0.000	2.929	365.1	0.0	34.2	399.3
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	108.0	0.0	289.0	4.6	0.0	11.7	78.670	0.000	2.929	365.1	0.0	34.2	399.3
CUM PROD	765.9	0.0	1,382.0										
ULTIMATE	873.9	0.0	1,671.1										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	INTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	20.1	0.0	14.0	162.2	162.2	154.7	154.7	0	295.5
12-31-2025	1	0.0	0.0	9.9	0.0	9.4	72.9	235.1	63.0	217.6	5	278.8
12-31-2026	1	0.0	0.0	5.4	0.0	7.3	35.2	270.3	27.5	245.1	8	269.5
12-31-2027	1	0.0	0.0	3.1	0.0	6.4	18.3	288.6	13.0	258.1	10	263.5
12-31-2028	1	0.0	0.0	1.9	0.0	5.9	9.3	298.0	6.0	264.1	12	257.8
12-31-2029	1	0.0	0.0	1.2	0.0	5.6	4.1	302.1	2.4	266.4	15	249.6
12-31-2030	1	0.0	0.0	0.8	0.0	5.2	1.0	303.1	0.5	267.0	20	236.9
12-31-2031	0	0.0	0.0	0.0	7.6	0.0	-7.6	295.5	-3.4	263.5	30	214.6
											40	196.0
											50	180.2
SUBTOTAL			0.0	42.5	7.6	53.7	295.5	295.5	263.5	263.5		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	263.5		
TOTAL OF 7.0 Y	'RS		0.0	42.5	7.6	53.7	295.5	295.5	263.5	263.5		

Case Name: CARSON PEAK 8-35H2

API Number: 33-025-03517 NDIC FILE No: 35081 Reservoir: THREE FORKS 2 Perfs: 11678-25320

CTB No: 235080



Proj Oil Cum: 824.66 Mbbl Oil Rem: 97.87 Mbbl Oil EUR: 922.53 Mbbl Proj Gas Cum: 1,037.86 MMcf Gas Rem: 141.19 MMcf Gas EUR: 1,179.05 MMcf

### $1/25/2024 \ \ 12:00:00 AM$ PROJECTION OF RESERVES AND REVENUE

AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.050722 INITIAL REVENUE INTEREST: 0.042971

PHDWIN ID: 8

NAME : FIELD : CARSON PEAK 8-35H2

FIELD : RESERVOIR : COUNTY, STATE : OAKDALE THREE FORKS 2 DUNN, ND

COUNTY, STATE : DUNN, ND
OPERATOR : CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	50.9	0.0	89.1	2.2	0.0	3.6	78.670	0.000	2.929	172.1	0.0	10.5	182.6
12-31-2025	22.9	0.0	30.5	1.0	0.0	1.2	78.670	0.000	2.929	77.4	0.0	3.6	81.1
12-31-2026	11.6	0.0	10.4	0.5	0.0	0.4	78.670	0.000	2.929	39.1	0.0	1.2	40.3
12-31-2027	6.3	0.0	5.7	0.3	0.0	0.2	78.670	0.000	2.929	21.4	0.0	0.7	22.1
12-31-2028	3.7	0.0	3.3	0.2	0.0	0.1	78.670	0.000	2.929	12.6	0.0	0.4	13.0
12-31-2029	2.3	0.0	2.1	0.1	0.0	0.1	78.670	0.000	2.929	7.7	0.0	0.2	8.0
12-31-2030	0.2	0.0	0.1	0.0	0.0	0.0	78.670	0.000	2.929	0.6	0.0	0.0	0.6
12-31-2031	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	97.9	0.0	141.2	4.2	0.0	5.7	78.670	0.000	2.929	330.8	0.0	16.7	347.5
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	97.9	0.0	141.2	4.2	0.0	5.7	78.670	0.000	2.929	330.8	0.0	16.7	347.5
CUM PROD	824.7	0.0	1,037.9										
ULTIMATE	922.5	0.0	1,179.0										

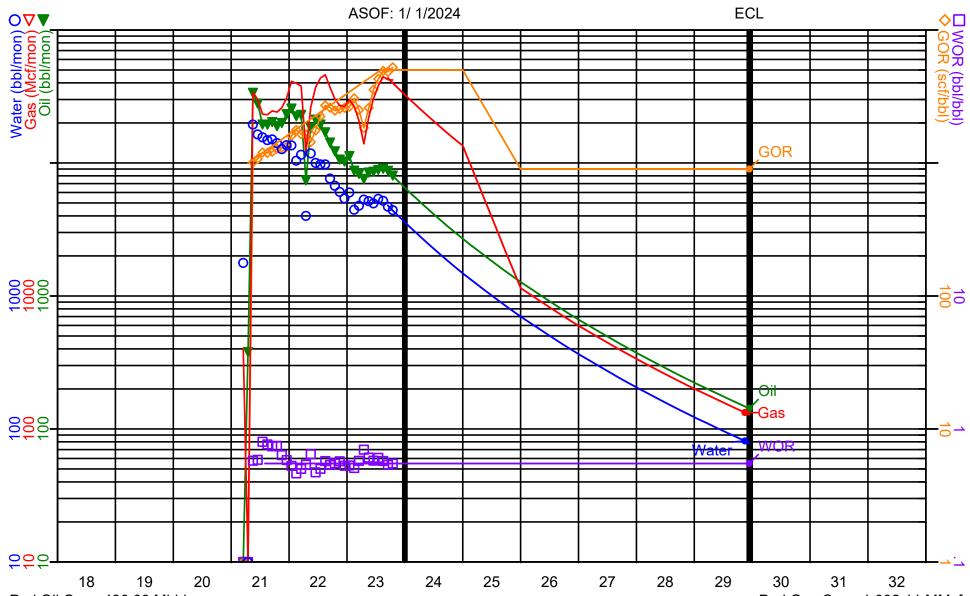
CETHWITE	,22.3	V	.0 1,177.	0								
		_		NET DEDUCTIONS	EXPENDITURES			FUTURE NET				
PERIOD	NUMBER OF		NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	19.9	0.0	14.5	148.2	148.2	141.4	141.4	0	252.8
12-31-2025	1	0.0	0.0	9.0	0.0	9.3	62.8	211.0	54.3	195.7	5	240.2
12-31-2026	1	0.0	0.0	4.5	0.0	7.2	28.6	239.6	22.4	218.1	8	233.0
12-31-2027	1	0.0	0.0	2.5	0.0	6.2	13.4	253.0	9.5	227.6	10	228.4
12-31-2028	1	0.0	0.0	1.4	0.0	5.7	5.8	258.8	3.7	231.3	12	224.0
12-31-2029	1	0.0	0.0	0.9	0.0	5.5	1.6	260.4	0.9	232.2	15	217.5
12-31-2030	1	0.0	0.0	0.1	0.0	0.5	0.0	260.4	0.0	232.2	20	207.5
12-31-2031	0	0.0	0.0	0.0	7.6	0.0	-7.6	252.8	-3.8	228.4	30	189.6
											40	174.3
											50	161.2
SUBTOTAL			0.0	38.3	7.6	48.9	252.8	252.8	228.4	228.4		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	228.4		
TOTAL OF 6.1 YR	RS		0.0	38.3	7.6	48.9	252.8	252.8	228.4	228.4		

Case Name: CARSON PEAK 9-35H

API Number: 33-025-03519 NDIC FILE No: 35083

Reservoir: MIDDLE BAKKEN Perfs: 11629-25554

CTB No: 235080



Proj Oil Cum: 486.68 Mbbl Oil Rem: 96.54 Mbbl

Oil EUR: 583.21 Mbbl

Proj Gas Cum: 1,002.11 MMcf Gas Rem: 336.41 MMcf

Gas EUR: 1,338.52 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST: 0.059351

PHDWIN ID: 9

CARSON PEAK 9-35H

FIELD: OAKDALE RESERVOIR: MIDDLE BAKKEN

COUNTY, STATE : OPERATOR :

NAME:

DUNN, ND CONTINENTAL RESOURCES

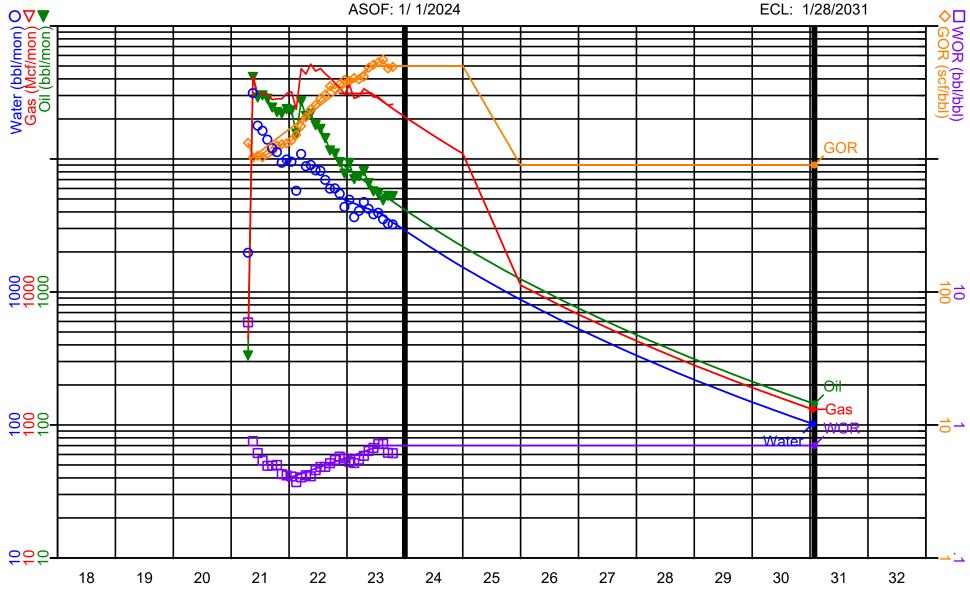
PERIOD	Gi	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	51.3	0.0	256.5	3.0	0.0	14.3	78.670	0.000	2.929	239.6	0.0	41.9	281.5
12-31-2025	22.5	0.0	59.4	1.3	0.0	3.3	78.670	0.000	2.929	105.1	0.0	9.7	114.8
12-31-2026	11.2	0.0	10.0	0.7	0.0	0.6	78.670	0.000	2.929	52.1	0.0	1.6	53.7
12-31-2027	6.0	0.0	5.4	0.4	0.0	0.3	78.670	0.000	2.929	28.1	0.0	0.9	29.0
12-31-2028	3.5	0.0	3.1	0.2	0.0	0.2	78.670	0.000	2.929	16.3	0.0	0.5	16.8
12-31-2029	2.0	0.0	1.8	0.1	0.0	0.1	78.670	0.000	2.929	9.5	0.0	0.3	9.8
12-31-2030	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	96.5	0.0	336.4	5.7	0.0	18.8	78.670	0.000	2.929	450.7	0.0	55.0	505.7
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	96.5	0.0	336.4	5.7	0.0	18.8	78.670	0.000	2.929	450.7	0.0	55.0	505.7
CUM PROD	486.7	0.0	1,002.1										
ULTIMATE	583.2	0.0	1,338.5										

DDECENT WA	
FRESENT WO	ORTH PROFILE
DISC RATE	CUM PW
%	M\$
0	380.2
5	362.3
8	352.2
10	345.7
12	339.3
15	330.2
20	315.8
30	290.0
40	267.8
50	248.7
3 3 3 3 3 7 7 7	% 3 0 3 5 9 8 3 10 0 12 9 15 7 20 30 40 50

Case Name: CARSON PEAK 10-35H1

API Number: 33-025-03520 NDIC FILE No: 35084 Reservoir: THREE FORKS 1 Perfs: 11671-25584

CTB No: 235080



Proj Oil Cum: 493.05 Mbbl Oil Rem: 85.56 Mbbl

Oil EUR: 578.61 Mbbl

Proj Gas Cum: 1,069.90 MMcf Gas Rem: 260.63 MMcf Gas EUR: 1,330.53 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST: 0.059351

PHDWIN ID: 10

NAME : FIELD : CARSON PEAK 10-35H1

FIELD : RESERVOIR : COUNTY, STATE : OAKDALE THREE FORKS 1

OPERATOR:

E: DUNN, ND
CONTINENTAL RESOURCES

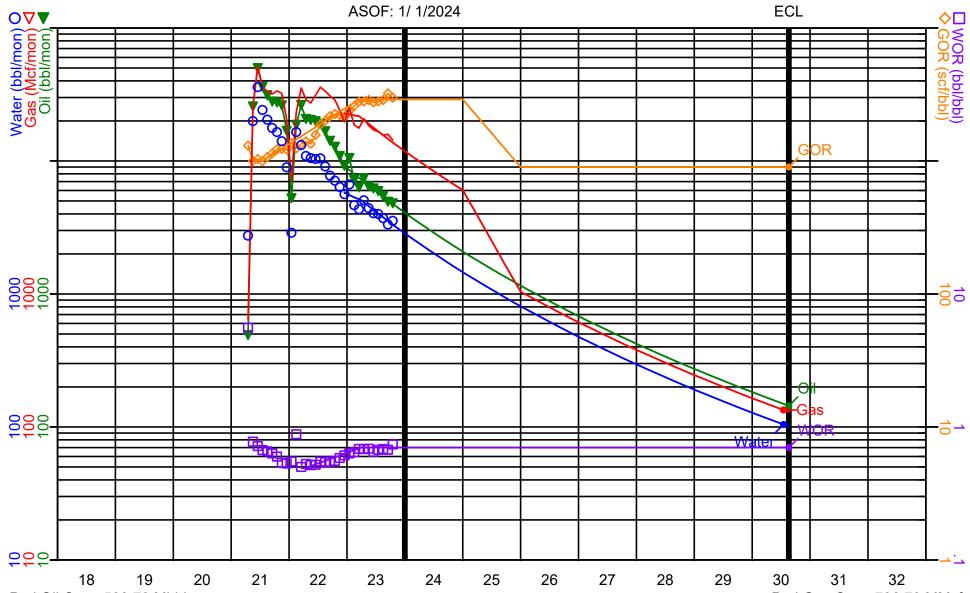
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES	<u> </u>		GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	36.6	0.0	183.0	2.2	0.0	10.2	78.670	0.000	2.929	170.9	0.0	29.9	200.8
12-31-2025	20.0	0.0	51.6	1.2	0.0	2.9	78.670	0.000	2.929	93.4	0.0	8.4	101.8
12-31-2026	11.7	0.0	10.5	0.7	0.0	0.6	78.670	0.000	2.929	54.7	0.0	1.7	56.4
12-31-2027	7.2	0.0	6.5	0.4	0.0	0.4	78.670	0.000	2.929	33.7	0.0	1.1	34.8
12-31-2028	4.7	0.0	4.2	0.3	0.0	0.2	78.670	0.000	2.929	21.7	0.0	0.7	22.4
12-31-2029	3.1	0.0	2.8	0.2	0.0	0.2	78.670	0.000	2.929	14.5	0.0	0.5	14.9
12-31-2030	2.1	0.0	1.9	0.1	0.0	0.1	78.670	0.000	2.929	9.9	0.0	0.3	10.3
12-31-2031	0.1	0.0	0.1	0.0	0.0	0.0	78.670	0.000	2.929	0.6	0.0	0.0	0.6
12-31-2032	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL REMAINING TOTAL CUM PROD ULTIMATE	85.6 0.0 85.6 493.1 578.6	0.0 0.0 0.0 0.0 0.0	260.6 0.0 260.6 1,069.9 1,330.5	5.1 0.0 5.1	0.0 0.0 0.0	14.5 0.0 14.5	78.670 0.000 78.670	0.000 0.000 0.000	2.929 0.000 2.929	399.5 0.0 399.5	0.0 0.0 0.0	42.6 0.0 42.6	442.1 0.0 442.1
NET DEDUCTIONS/EXPENDITURES								FUT	TURE NET REVEN	UE			

				NET DEDUCTIONS	E/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	20.1	0.0	16.5	164.3	164.3	156.5	156.5	0	314.2
12-31-2025	1	0.1	0.0	10.9	0.0	12.0	79.0	243.3	68.2	224.8	5	295.8
12-31-2026	1	0.1	0.0	6.3	0.0	9.8	40.3	283.6	31.4	256.2	8	285.4
12-31-2027	1	0.1	0.0	3.9	0.0	8.7	22.2	305.7	15.7	271.9	10	278.8
12-31-2028	1	0.1	0.0	2.5	0.0	8.1	11.8	317.6	7.6	279.4	12	272.4
12-31-2029	1	0.1	0.0	1.7	0.0	7.7	5.5	323.1	3.2	282.6	15	263.3
12-31-2030	1	0.1	0.0	1.1	0.0	7.5	1.6	324.7	0.9	283.5	20	249.2
12-31-2031	1	0.1	0.0	0.1	0.0	0.6	0.0	324.7	0.0	283.5	30	224.5
12-31-2032	0	0.0	0.0	0.0	10.5	0.0	-10.5	314.2	-4.7	278.8	40	204.1
											50	186.9
SUBTOTAL			0.0	46.5	10.5	70.8	314.2	314.2	278.8	278.8		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	278.8		
TOTAL OF 7.1 YE	ne .		0.0	46.5	10.5	70.8	314.2	314.2	278.8	278.8		
TOTAL OF 7.1 YE	7.5		0.0	46.5	10.5	/0.8	314.2	314.2	2/8.8	278.8		

Case Name: CARSON PEAK 11-35H2

API Number: 33-025-04056 NDIC FILE No: 37715 Reservoir: THREE FORKS 2 Perfs: 11658-21854

CTB No: 235080



Proj Oil Cum: 509.70 Mbbl Oil Rem: 79.36 Mbbl

Oil EUR: 589.07 Mbbl

Proj Gas Cum: 796.79 MMcf Gas Rem: 159.30 MMcf

Gas EUR: 956.09 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST :

PHDWIN ID: 11

NAME:

CARSON PEAK 11-35H2

FIELD: RESERVOIR: COUNTY, STATE:

OAKDALE THREE FORKS 2 DUNN, ND CONTINENTAL RESOURCES

OPERATOR:

CDOCC	REVENUE	

PERIOD	G	ROSS RESERVES		1	NET RESERVES		A'	VERAGE PRICES	<u> </u>		GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	35.4	0.0	102.8	2.1	0.0	5.7	78.670	0.000	2.929	165.4	0.0	16.8	182.2
12-31-2025	18.8	0.0	33.9	1.1	0.0	1.9	78.670	0.000	2.929	87.6	0.0	5.5	93.1
12-31-2026	10.7	0.0	9.6	0.6	0.0	0.5	78.670	0.000	2.929	50.0	0.0	1.6	51.5
12-31-2027	6.5	0.0	5.8	0.4	0.0	0.3	78.670	0.000	2.929	30.2	0.0	1.0	31.1
12-31-2028	4.1	0.0	3.7	0.2	0.0	0.2	78.670	0.000	2.929	19.1	0.0	0.6	19.7
12-31-2029	2.7	0.0	2.4	0.2	0.0	0.1	78.670	0.000	2.929	12.5	0.0	0.4	12.9
12-31-2030	1.2	0.0	1.1	0.1	0.0	0.1	78.670	0.000	2.929	5.7	0.0	0.2	5.9
12-31-2031	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	79.4	0.0	159.3	4.7	0.0	8.9	78.670	0.000	2.929	370.6	0.0	26.0	396.6
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	79.4	0.0	159.3	4.7	0.0	8.9	78.670	0.000	2.929	370.6	0.0	26.0	396.6
CUM PROD	509.7	0.0	796.8										
ULTIMATE	589.1	0.0	956.1										

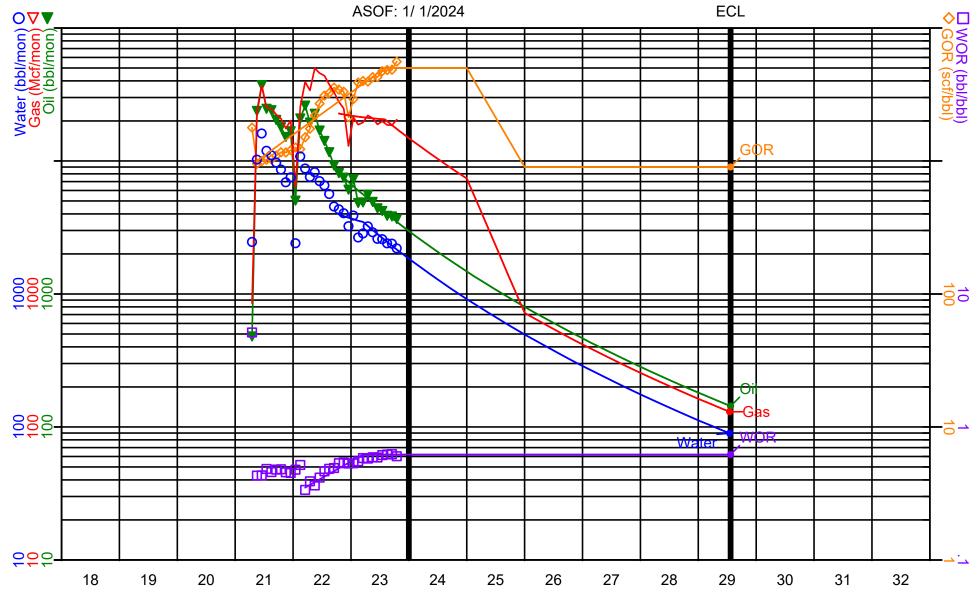
				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER O	F ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	INTED	DISCOUNTE	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	19.3	0.0	15.8	147.1	147.1	140.3	140.3	0	277.4
12-31-2025	1	0.1	0.0	10.1	0.0	11.6	71.4	218.5	61.6	201.9	5	261.8
12-31-2026	1	0.1	0.0	5.8	0.0	9.6	36.2	254.7	28.3	230.1	8	253.1
12-31-2027	1	0.1	0.0	3.5	0.0	8.5	19.1	273.8	13.5	243.6	10	247.4
12-31-2028	1	0.1	0.0	2.2	0.0	8.0	9.6	283.4	6.1	249.8	12	242.0
12-31-2029	1	0.1	0.0	1.4	0.0	7.6	3.9	287.3	2.2	252.0	15	234.1
12-31-2030	1	0.1	0.0	0.7	0.0	4.6	0.6	287.9	0.3	252.3	20	222.0
12-31-2031	0	0.0	0.0	0.0	10.5	0.0	-10.5	277.4	-4.9	247.4	30	200.6
											40	182.6
											50	167.4

SUBTOTAL	0.0	43.0	10.5	65.7	277.4	277.4	247.4	247.4
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	247.4
TOTAL OF 6.6 YRS	0.0	43.0	10.5	65.7	277.4	277.4	247.4	247.4

Case Name: CARSON PEAK 12-35H1

NDIC FILE No: 37716

Reservoir: THREE FORKS 1 API Number: 33-025-04057 Perfs: 11597-21802 CTB No: 235080



Proj Oil Cum: 401.66 Mbbl Oil Rem: 54.15 Mbbl

Oil EUR: 455.81 Mbbl

Proj Gas Cum: 802.17 MMcf Gas Rem: 175.43 MMcf Gas EUR: 977.60 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST :

PHDWIN ID: 12

NAME: CARSON PEAK 12-35H1

OAKDALE FIELD: RESERVOIR: THREE FORKS 1 COUNTY, STATE:

DUNN, ND CONTINENTAL RESOURCES OPERATOR:

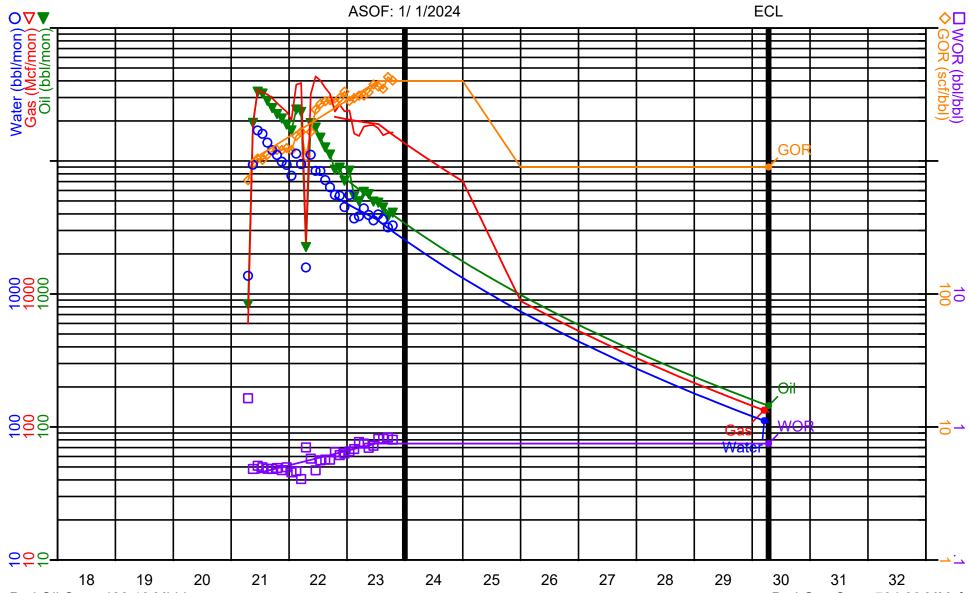
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES	<u> </u>		GROSS RE	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	25.5	0.0	127.4	1.5	0.0	7.1	78.670	0.000	2.929	118.9	0.0	20.8	139.7
12-31-2025	13.1	0.0	34.1	0.8	0.0	1.9	78.670	0.000	2.929	61.4	0.0	5.6	66.9
12-31-2026	7.4	0.0	6.6	0.4	0.0	0.4	78.670	0.000	2.929	34.3	0.0	1.1	35.4
12-31-2027	4.4	0.0	3.9	0.3	0.0	0.2	78.670	0.000	2.929	20.4	0.0	0.6	21.1
12-31-2028	2.7	0.0	2.5	0.2	0.0	0.1	78.670	0.000	2.929	12.8	0.0	0.4	13.2
12-31-2029	1.1	0.0	1.0	0.1	0.0	0.1	78.670	0.000	2.929	5.0	0.0	0.2	5.2
12-31-2030	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	54.2	0.0	175.4	3.2	0.0	9.8	78.670	0.000	2.929	252.8	0.0	28.7	281.5
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	54.2	0.0	175.4	3.2	0.0	9.8	78.670	0.000	2.929	252.8	0.0	28.7	281.5
CUM PROD	401.7	0.0	802.2										
ULTIMATE	455.8	0.0	977.6										

CEINMILE	133.0	O	.0 777.	.0								
PERIOR	NUMBER OF	·	NET	NET DEDUCTIONS PROD AND	/EXPENDITURES CAPITAL	OPERATING	UNDISCOU	FUTURE NET	REVENUE DISCOUNTE	D AT 109/	DDECENIT W	ORTH PROFILE
PERIOD ENDING M-D-Y	NUMBER OF COMPLET GROSS		PROFITS M\$	ADV TAXES M\$	COST M\$	EXPENSE M\$	PERIOD M\$	CUM M\$	PERIOD M\$	CUM M\$	DISC RATE	CUM PW M\$
12-31-2024	1	0.1	0.0	14.0	0.0	13.1	112.7	112.7	107.4	107.4	0	190.2
12-31-2025	1	0.1	0.0	7.1	0.0	10.0	49.8	162.5	43.0	150.5	5	181.6
12-31-2026	1	0.1	0.0	4.0	0.0	8.6	22.8	185.3	17.8	168.3	8	176.7
12-31-2027	1	0.1	0.0	2.4	0.0	7.9	10.8	196.1	7.6	175.9	10	173.4
12-31-2028	1	0.1	0.0	1.5	0.0	7.6	4.1	200.2	2.6	178.6	12	170.2
12-31-2029	1	0.1	0.0	0.6	0.0	4.1	0.5	200.7	0.3	178.9	15	165.6
12-31-2030	0	0.0	0.0	0.0	10.5	0.0	-10.5	190.2	-5.5	173.4	20	158.2
											30	144.9
											40	133.3
											50	123.2
SUBTOTAL			0.0	29.5	10.5	51.3	190.2	190.2	173.4	173.4		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	173.4		
	ne.			29.5		51.3						
TOTAL OF 5.6 YF	(2)		0.0	29.5	10.5	51.3	190.2	190.2	173.4	173.4		

Case Name: CARSON PEAK 13-35H

API Number: 33-025-04069 NDIC FILE No: 37794 Reservoir: MIDDLE BAKKEN Perfs: 11547-21311

CTB No: 235080



Proj Oil Cum: 428.13 Mbbl Oil Rem: 66.75 Mbbl

Oil EUR: 494.88 Mbbl

Proj Gas Cum: 784.28 MMcf Gas Rem: 173.09 MMcf

Gas EUR: 957.37 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

All estimates and exhibits are part of this report and subject to its parameters and conditions.

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST: 0.059351

PHDWIN ID: 13

NAME :

CARSON PEAK 13-35H

FIELD: OAKDALE RESERVOIR: MIDDLE BAKKEN

COUNTY, STATE : OPERATOR :

DUNN, ND CONTINENTAL RESOURCES

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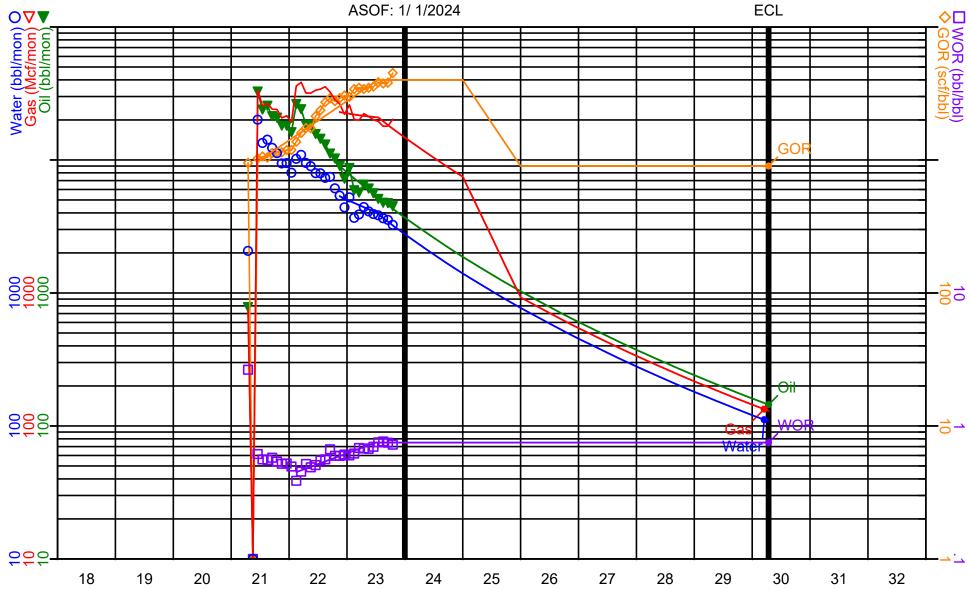
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	29.7	0.0	118.6	1.8	0.0	6.6	78.670	0.000	2.929	138.5	0.0	19.4	157.9
12-31-2025	15.9	0.0	35.4	0.9	0.0	2.0	78.670	0.000	2.929	74.3	0.0	5.8	80.1
12-31-2026	9.2	0.0	8.3	0.5	0.0	0.5	78.670	0.000	2.929	42.8	0.0	1.3	44.2
12-31-2027	5.6	0.0	5.0	0.3	0.0	0.3	78.670	0.000	2.929	26.1	0.0	0.8	26.9
12-31-2028	3.6	0.0	3.2	0.2	0.0	0.2	78.670	0.000	2.929	16.7	0.0	0.5	17.2
12-31-2029	2.4	0.0	2.1	0.1	0.0	0.1	78.670	0.000	2.929	11.0	0.0	0.3	11.3
12-31-2030	0.5	0.0	0.5	0.0	0.0	0.0	78.670	0.000	2.929	2.4	0.0	0.1	2.4
12-31-2031	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	66.7	0.0	173.1	4.0	0.0	9.7	78.670	0.000	2.929	311.7	0.0	28.3	339.9
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	66.7	0.0	173.1	4.0	0.0	9.7	78.670	0.000	2.929	311.7	0.0	28.3	339.9
CUM PROD	428.1	0.0	784.3										
ULTIMATE	494.9	0.0	957.4										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE -	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING _	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	16.2	0.0	14.9	126.8	126.8	120.8	120.8	0	232.0
12-31-2025	1	0.1	0.0	8.6	0.0	11.1	60.3	187.1	52.1	172.9	5	219.9
12-31-2026	1	0.1	0.0	4.9	0.0	9.3	29.9	217.0	23.4	196.3	8	212.9
12-31-2027	1	0.1	0.0	3.0	0.0	8.4	15.5	232.6	11.0	207.3	10	208.4
12-31-2028	1	0.1	0.0	1.9	0.0	7.9	7.4	239.9	4.7	212.0	12	204.1
12-31-2029	1	0.1	0.0	1.3	0.0	7.6	2.5	242.4	1.4	213.4	15	197.8
12-31-2030	1	0.1	0.0	0.3	0.0	2.0	0.1	242.5	0.1	213.5	20	187.9
12-31-2031	0	0.0	0.0	0.0	10.5	0.0	-10.5	232.0	-5.1	208.4	30	170.4
											40	155.6
											50	142.9
SUBTOTAL			0.0	36.2	10.5	61.2	232.0	232.0	208.4	208.4		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	208.4		
TOTAL OF 6.3 YR	S		0.0	36.2	10.5	61.2	232.0	232.0	208.4	208.4		
TOTAL OF 6.3 YR	S		0.0	36.2	10.5	61.2	232.0	232.0	208.4	208.4		

Case Name: CARSON PEAK 14-35HSL2

API Number: 33-025-04070 NDIC FILE No: 37795 Reservoir: THREE FORKS 2 Perfs: 11651-21855

CTB No: 235080



Proj Oil Cum: 410.89 Mbbl Oil Rem: 70.42 Mbbl

Oil EUR: 481.32 Mbbl

Proj Gas Cum: 782.75 MMcf Gas Rem: 184.56 MMcf Gas EUR: 967.31 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.035035 INITIAL REVENUE INTEREST : 0.029677

PHDWIN ID: 14

NAME:

CARSON PEAK 14-35HSL2

FIELD: RESERVOIR: COUNTY, STATE: CORRAL CREEK THREE FORKS 2 DUNN, ND

CONTINENTAL RESOURCES OPERATOR:

PERIOD GROSS RESERVES				1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	31.9	0.0	127.6	0.9	0.0	3.6	78.670	0.000	2.929	74.5	0.0	10.4	84.9
12-31-2025	16.8	0.0	37.4	0.5	0.0	1.0	78.670	0.000	2.929	39.2	0.0	3.1	42.2
12-31-2026	9.5	0.0	8.6	0.3	0.0	0.2	78.670	0.000	2.929	22.2	0.0	0.7	22.9
12-31-2027	5.7	0.0	5.2	0.2	0.0	0.1	78.670	0.000	2.929	13.4	0.0	0.4	13.8
12-31-2028	3.6	0.0	3.3	0.1	0.0	0.1	78.670	0.000	2.929	8.5	0.0	0.3	8.7
12-31-2029	2.4	0.0	2.1	0.1	0.0	0.1	78.670	0.000	2.929	5.5	0.0	0.2	5.7
12-31-2030	0.5	0.0	0.5	0.0	0.0	0.0	78.670	0.000	2.929	1.2	0.0	0.0	1.2
12-31-2031	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL REMAINING	70.4 0.0 70.4	0.0	184.6 0.0	2.1	0.0	5.1 0.0	78.670 0.000 78.670	0.000	2.929 0.000 2.929	164.4 0.0	0.0	15.1	179.5 0.0
TOTAL	70.4	0.0	184.6	2.1	0.0	5.1	78.670	0.000	2.929	164.4	0.0	15.1	179.5
CUM PROD	410.9	0.0	782.7										
ULTIMATE	481.3	0.0	967.3										

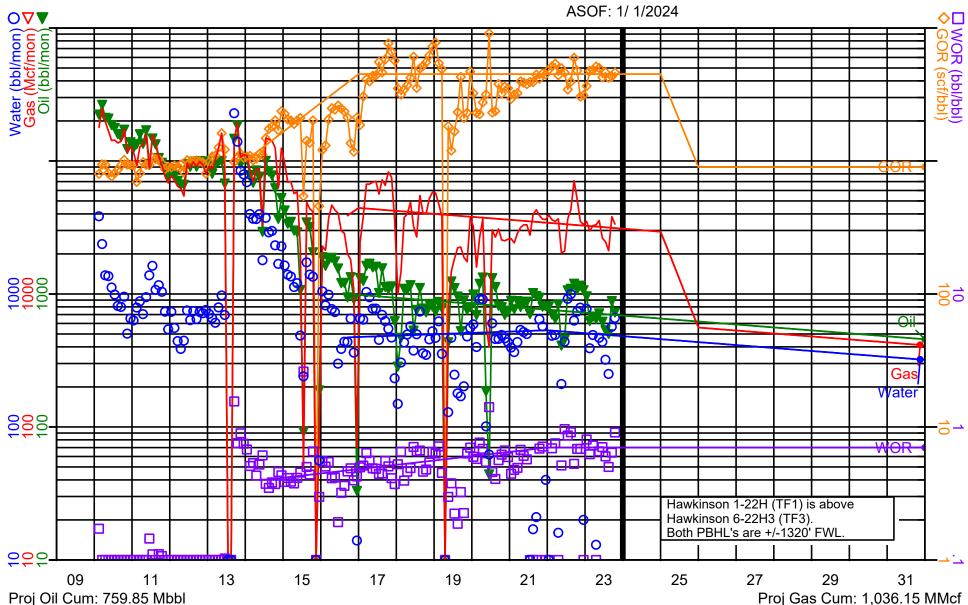
				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	INTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	8.7	0.0	7.7	68.4	68.4	65.3	65.3	0	124.1
12-31-2025	1	0.0	0.0	4.5	0.0	5.7	32.0	100.5	27.6	92.9	5	117.6
12-31-2026	1	0.0	0.0	2.6	0.0	4.7	15.7	116.1	12.2	105.1	8	113.9
12-31-2027	1	0.0	0.0	1.5	0.0	4.2	8.0	124.2	5.7	110.8	10	111.5
12-31-2028	1	0.0	0.0	1.0	0.0	3.9	3.8	128.0	2.4	113.2	12	109.2
12-31-2029	1	0.0	0.0	0.6	0.0	3.8	1.3	129.2	0.7	114.0	15	105.8
12-31-2030	1	0.0	0.0	0.1	0.0	1.0	0.1	129.3	0.0	114.0	20	100.6
12-31-2031	0	0.0	0.0	0.0	5.3	0.0	-5.3	124.1	-2.5	111.5	30	91.3
											40	83.4
											50	76.7
SUBTOTAL			0.0	19.1	5.3	31.1	124.1	124.1	111.5	111.5		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	111.5		
TOTAL OF 6.3 Y	RS		0.0	19.1	5.3	31.1	124.1	124.1	111.5	111.5		

Case Name: HAWKINSON 1-22H API Number: 33-025-00962

NDIC FILE No: 18275

Reservoir: THREE FORKS 1 Perfs: 11556-20850

CTB No: 224223



Oil Rem: 126.93 Mbbl Oil EUR: 886.78 Mbbl Proj Gas Cum: 1,036.15 MMcf Gas Rem: 153.59 MMcf Gas EUR: 1,189.74 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.100588 INITIAL REVENUE INTEREST : 0.084446

PHDWIN ID: 15

NAME: HAWKINSON 1-22H FIELD: OAKDALE RESERVOIR: THREE FORKS 1 COUNTY, STATE: DUNN, ND

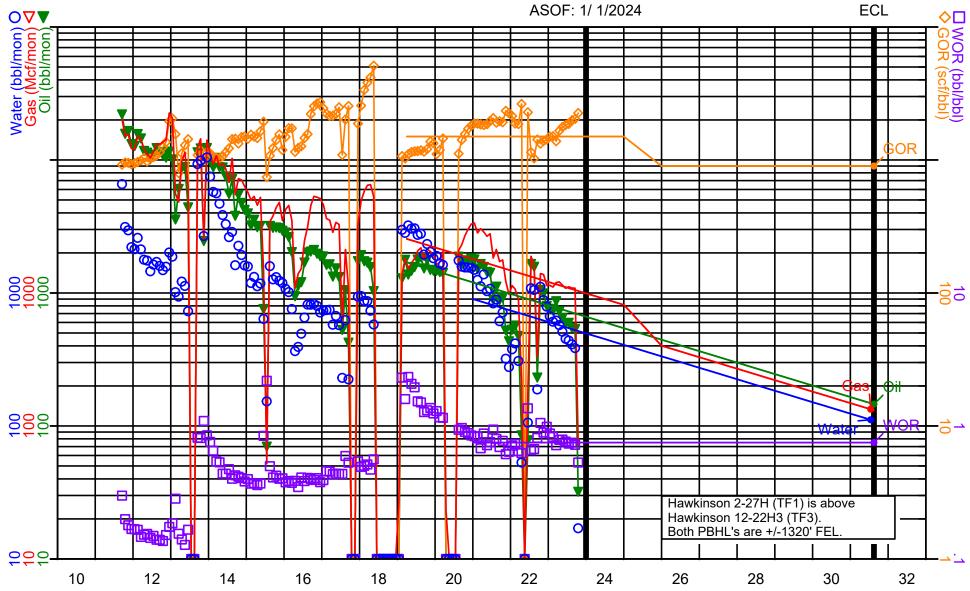
OPERATOR: CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	8.1	0.0	36.3	0.7	0.0	2.9	78.670	0.000	2.929	53.6	0.0	8.4	62.0
12-31-2025	7.6	0.0	17.2	0.6	0.0	1.4	78.670	0.000	2.929	50.7	0.0	4.0	54.7
12-31-2026	7.3	0.0	6.5	0.6	0.0	0.5	78.670	0.000	2.929	48.2	0.0	1.5	49.7
12-31-2027	6.9	0.0	6.2	0.6	0.0	0.5	78.670	0.000	2.929	45.8	0.0	1.4	47.2
12-31-2028	6.6	0.0	5.9	0.6	0.0	0.5	78.670	0.000	2.929	43.6	0.0	1.4	45.0
12-31-2029	6.2	0.0	5.6	0.5	0.0	0.4	78.670	0.000	2.929	41.3	0.0	1.3	42.6
12-31-2030	5.9	0.0	5.3	0.5	0.0	0.4	78.670	0.000	2.929	39.3	0.0	1.2	40.5
12-31-2031	5.6	0.0	5.1	0.5	0.0	0.4	78.670	0.000	2.929	37.3	0.0	1.2	38.5
12-31-2032	5.3	0.0	4.8	0.5	0.0	0.4	78.670	0.000	2.929	35.5	0.0	1.1	36.7
12-31-2033	5.1	0.0	4.6	0.4	0.0	0.4	78.670	0.000	2.929	33.7	0.0	1.1	34.7
12-31-2034	4.8	0.0	4.3	0.4	0.0	0.3	78.670	0.000	2.929	32.0	0.0	1.0	33.0
12-31-2035	4.6	0.0	4.1	0.4	0.0	0.3	78.670	0.000	2.929	30.4	0.0	1.0	31.3
12-31-2036	4.4	0.0	3.9	0.4	0.0	0.3	78.670	0.000	2.929	28.9	0.0	0.9	29.9
12-31-2037	4.1	0.0	3.7	0.3	0.0	0.3	78.670	0.000	2.929	27.4	0.0	0.9	28.3
12-31-2038	3.9	0.0	3.5	0.3	0.0	0.3	78.670	0.000	2.929	26.1	0.0	0.8	26.9
SUBTOTAL	86.4	0.0	117.1	7.3	0.0	9.3	78.670	0.000	2.929	573.8	0.0	27.2	601.1
REMAINING	40.6	0.0	36.5	3.4	0.0	2.9	78.670	0.000	2.929	269.4	0.0	8.5	277.9
TOTAL	126.9	0.0	153.6	10.7	0.0	12.2	78.670	0.000	2.929	843.2	0.0	35.7	878.9
CUM PROD	759.9	0.0	1,036.1										
ULTIMATE	886.8	0.0	1,189.7										

			NET DEDUCTIONS/EXPENDITURES				FUTURE NET REVENUE					
PERIOD NUMBER OF ACTIVE		NET	PROD AND	CAPITAL	OPERATING	UNDISCOUNTED		DISCOUNTED AT 10%		PRESENT WORTH PROFILE		
ENDING	COMPLET	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	6.3	0.0	13.0	42.7	42.7	40.5	40.5	0	418.7
12-31-2025	1	0.1	0.0	5.9	0.0	12.7	36.1	78.9	31.0	71.6	5	294.6
12-31-2026	1	0.1	0.0	5.6	0.0	12.5	31.6	110.5	24.6	96.1	8	246.6
12-31-2027	1	0.1	0.0	5.3	0.0	12.4	29.6	140.0	20.8	116.9	10	221.7
12-31-2028	1	0.1	0.0	5.0	0.0	12.3	27.7	167.7	17.6	134.6	12	201.0
12-31-2029	1	0.1	0.0	4.8	0.0	12.2	25.7	193.4	14.8	149.4	15	176.1
12-31-2030	1	0.1	0.0	4.5	0.0	12.1	23.9	217.3	12.5	161.8	20	145.7
12-31-2031	1	0.1	0.0	4.3	0.0	12.0	22.2	239.5	10.5	172.3	30	108.3
12-31-2032	1	0.1	0.0	4.1	0.0	11.9	20.7	260.2	8.8	181.2	40	86.4
12-31-2033	1	0.1	0.0	3.9	0.0	11.8	19.1	279.3	7.4	188.5	50	72.0
12-31-2034	1	0.1	0.0	3.7	0.0	11.7	17.6	296.9	6.2	194.7		
12-31-2035	1	0.1	0.0	3.5	0.0	11.6	16.2	313.1	5.1	199.9		
12-31-2036	1	0.1	0.0	3.3	0.0	11.5	15.0	328.1	4.3	204.2		
12-31-2037	1	0.1	0.0	3.2	0.0	11.4	13.7	341.8	3.6	207.7		
12-31-2038	1	0.1	0.0	3.0	0.0	11.4	12.5	354.3	2.9	210.7		
SUBTOTAL			0.0	66.4	0.0	180.4	354.3	354.3	210.7	210.7		
REMAINING			0.0	31.1	15.1	167.3	64.4	64.4	11.0	221.7		
TOTAL OF 30.3 YE	RS		0.0	97.5	15.1	347.7	418.7	418.7	221.7	221.7		

Case Name: HAWKINSON 2-27H API Number: 33-025-01258 NDIC FILE No: 20208 Reservoir: THREE FORKS 1 Perfs: 11556-21910

CTB No: 120208



Proj Oil Cum: 512.90 Mbbl Oil Rem: 31.21 Mbbl

Oil EUR: 544.10 Mbbl

Proj Gas Cum: 666.31 MMcf Gas Rem: 34.10 MMcf Gas EUR: 700.41 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.060948 INITIAL REVENUE INTEREST: 0.051169

PHDWIN ID: 16

NAME: HAWKINSON 2-27H
FIELD: OAKDALE
RESERVOIR: THREE FORKS 1
COUNTY, STATE: DUNN, ND

COUNTY, STATE : DUNN, ND
OPERATOR : CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS RE	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	7.2	0.0	10.8	0.4	0.0	0.5	78.670	0.000	2.929	29.1	0.0	1.5	30.6
12-31-2025	5.9	0.0	7.0	0.3	0.0	0.3	78.670	0.000	2.929	23.8	0.0	1.0	24.7
12-31-2026	4.8	0.0	4.4	0.2	0.0	0.2	78.670	0.000	2.929	19.5	0.0	0.6	20.1
12-31-2027	4.0	0.0	3.6	0.2	0.0	0.2	78.670	0.000	2.929	16.0	0.0	0.5	16.5
12-31-2028	3.3	0.0	2.9	0.2	0.0	0.1	78.670	0.000	2.929	13.1	0.0	0.4	13.6
12-31-2029	2.7	0.0	2.4	0.1	0.0	0.1	78.670	0.000	2.929	10.7	0.0	0.3	11.1
12-31-2030	2.2	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	8.8	0.0	0.3	9.1
12-31-2031	1.2	0.0	1.0	0.1	0.0	0.1	78.670	0.000	2.929	4.7	0.0	0.1	4.8
12-31-2032	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL REMAINING	31.2	0.0	34.1	1.6	0.0	1.6	78.670 0.000	0.000 0.000	2.929	125.6	0.0	4.8	130.4
TOTAL	31.2	0.0	34.1	1.6	0.0	1.6	78.670	0.000	2.929	125.6	0.0	4.8	130.4
CUM PROD	512.9	0.0	666.3										
ULTIMATE	544.1	0.0	700.4										

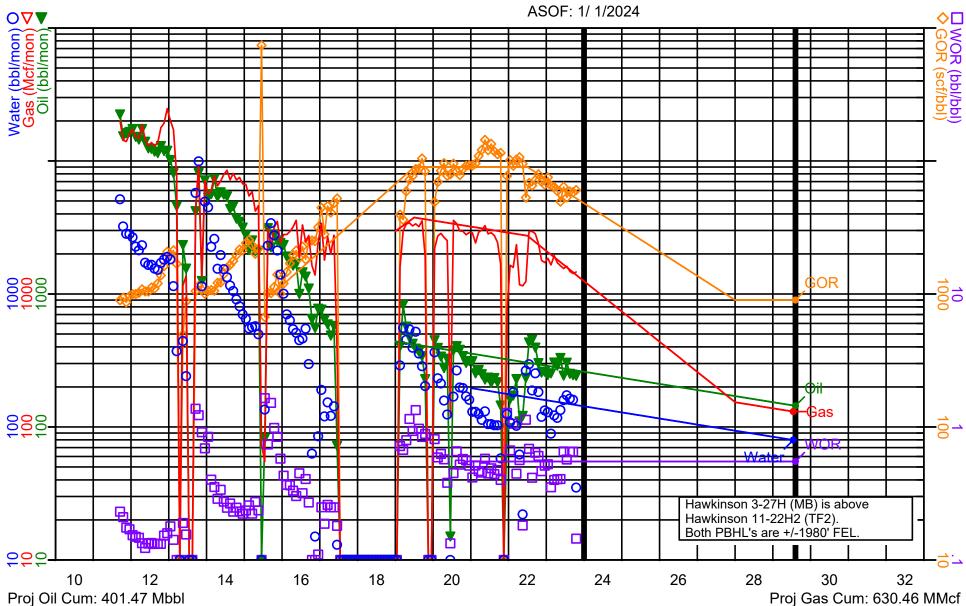
				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE -	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	3.4	0.0	7.7	19.5	19.5	18.6	18.6	0	53.7
12-31-2025	1	0.1	0.0	2.7	0.0	7.4	14.6	34.2	12.6	31.1	5	50.5
12-31-2026	1	0.1	0.0	2.2	0.0	7.1	10.7	44.9	8.3	39.5	8	48.5
12-31-2027	1	0.1	0.0	1.8	0.0	6.9	7.7	52.6	5.4	44.9	10	47.2
12-31-2028	1	0.1	0.0	1.5	0.0	6.8	5.2	57.8	3.3	48.3	12	45.8
12-31-2029	1	0.1	0.0	1.2	0.0	6.7	3.2	61.0	1.8	50.1	15	43.9
12-31-2030	1	0.1	0.0	1.0	0.0	6.6	1.5	62.5	0.8	50.9	20	40.9
12-31-2031	1	0.1	0.0	0.5	0.0	4.0	0.3	62.8	0.1	51.0	30	35.5
12-31-2032	0	0.0	0.0	0.0	9.1	0.0	-9.1	53.7	-3.9	47.2	40	31.2
											50	27.6
SUBTOTAL			0.0	14.5	9.1	53.1	53.7	53.7	47.2	47.2		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.2		
TOTAL OF 7.6 YR	S		0.0	14.5	9.1	53.1	53.7	53.7	47.2	47.2		
TOTAL OF 7.0 TK			0.0	14.3	7.1	33.1	33.7	33.1	47.2	47.2		

Case Name: HAWKINSON 3-27H API Number: 33-025-01260

NDIC FILE No: 20211

Reservoir: MIDDLE BAKKEN Perfs: 11696-21705

CTB No: 120211



Oil Rem: 13.18 Mbbl Oil EUR: 414.66 Mbbl Proj Gas Cum: 630.46 MMcf Gas Rem: 27.76 MMcf Gas EUR: 658.22 MMcf

# PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.060527 INITIAL REVENUE INTEREST : 0.050815

PHDWIN ID: 17

AS OF JANUARY 1, 2024

NAME: FIELD: RESERVOIR: HAWKINSON 3-27H

OAKDALE MIDDLE BAKKEN

COUNTY, STATE:

DUNN, ND CONTINENTAL RESOURCES OPERATOR:

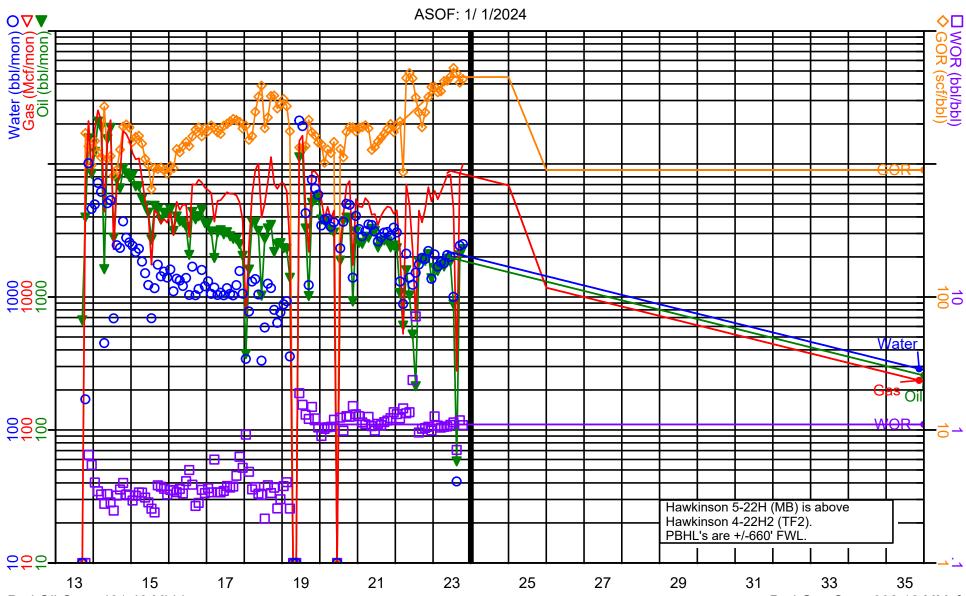
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	'ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	3.0	0.0	11.7	0.2	0.0	0.6	78.670	0.000	2.929	11.9	0.0	1.6	13.5
12-31-2025	2.7	0.0	6.9	0.1	0.0	0.3	78.670	0.000	2.929	10.6	0.0	1.0	11.6
12-31-2026	2.4	0.0	4.1	0.1	0.0	0.2	78.670	0.000	2.929	9.6	0.0	0.6	10.1
12-31-2027	2.2	0.0	2.4	0.1	0.0	0.1	78.670	0.000	2.929	8.6	0.0	0.3	9.0
12-31-2028	1.9	0.0	1.8	0.1	0.0	0.1	78.670	0.000	2.929	7.8	0.0	0.2	8.0
12-31-2029	1.1	0.0	1.0	0.1	0.0	0.0	78.670	0.000	2.929	4.2	0.0	0.1	4.4
12-31-2030	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	13.2	0.0	27.8	0.7	0.0	1.3	78.670	0.000	2.929	52.7	0.0	3.9	56.6
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	13.2	0.0	27.8	0.7	0.0	1.3	78.670	0.000	2.929	52.7	0.0	3.9	56.6
CUM PROD	401.5	0.0	630.5										
ULTIMATE	414.7	0.0	658.2										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	1.4	0.0	6.6	5.5	5.5	5.2	5.2	0	5.3
12-31-2025	1	0.1	0.0	1.2	0.0	6.5	3.8	9.4	3.3	8.5	5	6.7
12-31-2026	1	0.1	0.0	1.1	0.0	6.5	2.6	11.9	2.0	10.6	8	7.2
12-31-2027	1	0.1	0.0	1.0	0.0	6.4	1.5	13.5	1.1	11.6	10	7.5
12-31-2028	1	0.1	0.0	0.9	0.0	6.4	0.8	14.2	0.5	12.1	12	7.7
12-31-2029	1	0.1	0.0	0.5	0.0	3.7	0.2	14.4	0.1	12.2	15	7.9
12-31-2030	0	0.0	0.0	0.0	9.1	0.0	-9.1	5.3	-4.7	7.5	20	8.1
											30	7.9
											40	7.5
											50	7.0
SUBTOTAL			0.0	6.1	9.1	36.1	5.3	5.3	7.5	7.5		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5		
TOTAL OF 5.6 Y	'RS		0.0	6.1	9.1	36.1	5.3	5.3	7.5	7.5		

Case Name: HAWKINSON 4-22H2

API Number: 33-025-01953 NDIC FILE No: 24223 Reservoir: THREE FORKS 2 Perfs: 11663-21093

CTB No: 224223



Proj Oil Cum: 481.49 Mbbl Oil Rem: 122.25 Mbbl Oil EUR: 603.74 Mbbl Proj Gas Cum: 802.12 MMcf Gas Rem: 205.62 MMcf Gas EUR: 1,007.74 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.147030 INITIAL REVENUE INTEREST : 0.123434

PHDWIN ID: 18

HAWKINSON 4-22H2 NAME: OAKDALE FIELD: RESERVOIR: THREE FORKS 2 DUNN, ND CONTINENTAL RESOURCES COUNTY, STATE:

OPERATOR:

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES	<u> </u>		GROSS RE	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	20.0	0.0	90.1	2.5	0.0	10.5	78.670	0.000	2.929	194.5	0.0	30.6	225.1
12-31-2025	17.0	0.0	38.8	2.1	0.0	4.5	78.670	0.000	2.929	164.8	0.0	13.2	178.0
12-31-2026	14.4	0.0	13.0	1.8	0.0	1.5	78.670	0.000	2.929	140.1	0.0	4.4	144.5
12-31-2027	12.3	0.0	11.0	1.5	0.0	1.3	78.670	0.000	2.929	119.1	0.0	3.8	122.9
12-31-2028	10.5	0.0	9.4	1.3	0.0	1.1	78.670	0.000	2.929	101.5	0.0	3.2	104.7
12-31-2029	8.9	0.0	8.0	1.1	0.0	0.9	78.670	0.000	2.929	86.0	0.0	2.7	88.7
12-31-2030	7.5	0.0	6.8	0.9	0.0	0.8	78.670	0.000	2.929	73.1	0.0	2.3	75.4
12-31-2031	6.4	0.0	5.8	0.8	0.0	0.7	78.670	0.000	2.929	62.2	0.0	2.0	64.1
12-31-2032	5.5	0.0	4.9	0.7	0.0	0.6	78.670	0.000	2.929	53.0	0.0	1.7	54.7
12-31-2033	4.6	0.0	4.2	0.6	0.0	0.5	78.670	0.000	2.929	44.9	0.0	1.4	46.3
12-31-2034	3.9	0.0	3.5	0.5	0.0	0.4	78.670	0.000	2.929	38.2	0.0	1.2	39.4
12-31-2035	3.3	0.0	3.0	0.4	0.0	0.3	78.670	0.000	2.929	32.5	0.0	1.0	33.5
12-31-2036	2.8	0.0	2.6	0.4	0.0	0.3	78.670	0.000	2.929	27.7	0.0	0.9	28.5
12-31-2037	2.4	0.0	2.2	0.3	0.0	0.3	78.670	0.000	2.929	23.4	0.0	0.7	24.2
12-31-2038	2.1	0.0	1.8	0.3	0.0	0.2	78.670	0.000	2.929	19.9	0.0	0.6	20.6
SUBTOTAL	121.6	0.0	205.0	15.0	0.0	23.8	78.670	0.000	2.929	1,180.9	0.0	69.7	1,250.6
REMAINING	0.6	0.0	0.6	0.1	0.0	0.1	78.670	0.000	2.929	6.2	0.0	0.2	6.4
TOTAL	122.3	0.0	205.6	15.1	0.0	23.9	78.670	0.000	2.929	1,187.1	0.0	69.9	1,257.0
CUM PROD	481.5	0.0	802.1										
ULTIMATE	603.7	0.0	1,007.7										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	INTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING _	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	22.8	0.0	29.5	172.8	172.8	164.1	164.1	0	785.6
12-31-2025	1	0.1	0.0	19.1	0.0	26.8	132.0	304.9	113.6	277.6	5	664.8
12-31-2026	1	0.1	0.0	16.2	0.0	24.8	103.5	408.4	80.5	358.1	8	606.2
12-31-2027	1	0.1	0.0	13.7	0.0	23.3	85.8	494.2	60.4	418.6	10	571.8
12-31-2028	1	0.1	0.0	11.7	0.0	22.0	71.0	565.2	45.2	463.8	12	540.7
12-31-2029	1	0.1	0.0	9.9	0.0	20.9	57.9	623.1	33.4	497.2	15	499.3
12-31-2030	1	0.1	0.0	8.4	0.0	20.0	47.0	670.1	24.6	521.8	20	442.0
12-31-2031	1	0.1	0.0	7.2	0.0	19.2	37.8	707.9	17.9	539.6	30	358.3
12-31-2032	1	0.1	0.0	6.1	0.0	18.5	30.0	738.0	12.9	552.5	40	300.9
12-31-2033	1	0.1	0.0	5.2	0.0	17.9	23.2	761.2	9.0	561.5	50	259.4
12-31-2034	1	0.1	0.0	4.4	0.0	17.4	17.6	778.8	6.2	567.7		
12-31-2035	1	0.1	0.0	3.7	0.0	17.0	12.7	791.5	4.0	571.7		
12-31-2036	1	0.1	0.0	3.2	0.0	16.7	8.7	800.2	2.5	574.2		
12-31-2037	1	0.1	0.0	2.7	0.0	16.3	5.1	805.3	1.3	575.6		
12-31-2038	1	0.1	0.0	2.3	0.0	16.1	2.2	807.5	0.5	576.1		
SUBTOTAL			0.0	136.8	0.0	306.4	807.5	807.5	576.1	576.1		
REMAINING			0.0	0.7	22.1	5.5	-21.9	-21.9	-4.3	571.8		
TOTAL OF 15.3 Y	RS		0.0	137.5	22.1	311.9	785.6	785.6	571.8	571.8		

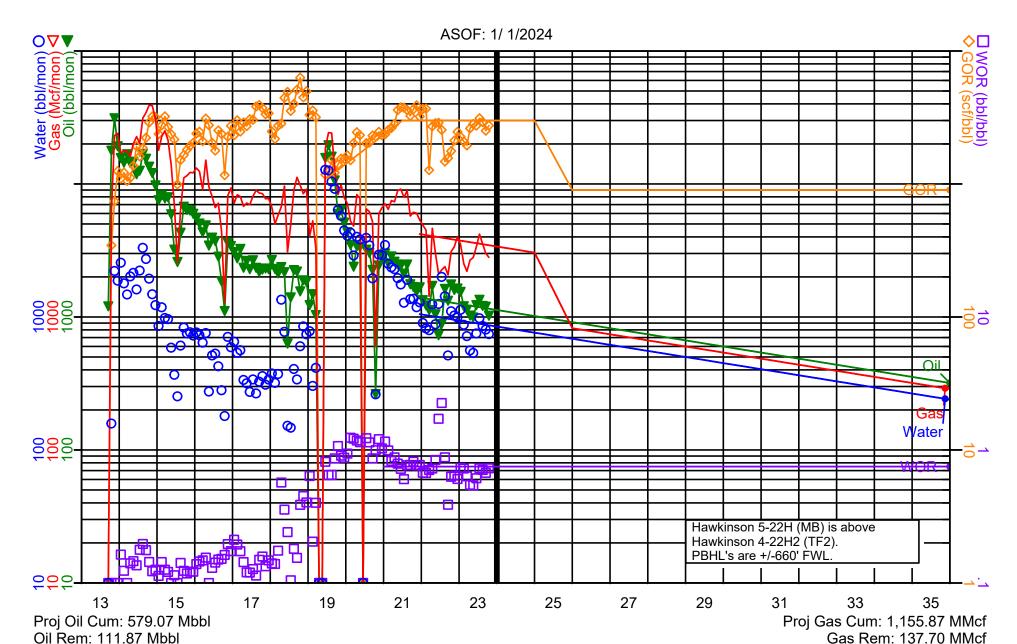
Case Name: HAWKINSON 5-22H API Number: 33-025-01954 NDIC FILE No: 24224

Oil EUR: 690.94 Mbbl

Perfs: 11435-21032

Reservoir: MIDDLE BAKKEN

CTB No: 224223



E42

Gas EUR: 1,293.57 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.126645 INITIAL REVENUE INTEREST : 0.105917

PHDWIN ID: 19

HAWKINSON 5-22H

OAKDALE RESERVOIR: MIDDLE BAKKEN

COUNTY, STATE: OPERATOR:

NAME:

FIELD:

DUNN, ND CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	12.9	0.0	38.6	1.4	0.0	3.8	78.670	0.000	2.929	107.3	0.0	11.3	118.6
12-31-2025	11.6	0.0	20.4	1.2	0.0	2.0	78.670	0.000	2.929	96.3	0.0	5.9	102.3
12-31-2026	10.4	0.0	9.4	1.1	0.0	0.9	78.670	0.000	2.929	86.7	0.0	2.7	89.4
12-31-2027	9.4	0.0	8.4	1.0	0.0	0.8	78.670	0.000	2.929	78.0	0.0	2.5	80.5
12-31-2028	8.5	0.0	7.6	0.9	0.0	0.8	78.670	0.000	2.929	70.4	0.0	2.2	72.6
12-31-2029	7.6	0.0	6.8	0.8	0.0	0.7	78.670	0.000	2.929	63.2	0.0	2.0	65.2
12-31-2030	6.8	0.0	6.1	0.7	0.0	0.6	78.670	0.000	2.929	56.9	0.0	1.8	58.7
12-31-2031	6.1	0.0	5.5	0.7	0.0	0.6	78.670	0.000	2.929	51.2	0.0	1.6	52.8
12-31-2032	5.5	0.0	5.0	0.6	0.0	0.5	78.670	0.000	2.929	46.2	0.0	1.5	47.7
12-31-2033	5.0	0.0	4.5	0.5	0.0	0.4	78.670	0.000	2.929	41.5	0.0	1.3	42.8
12-31-2034	4.5	0.0	4.0	0.5	0.0	0.4	78.670	0.000	2.929	37.3	0.0	1.2	38.5
12-31-2035	4.0	0.0	3.6	0.4	0.0	0.4	78.670	0.000	2.929	33.6	0.0	1.1	34.6
12-31-2036	3.6	0.0	3.3	0.4	0.0	0.3	78.670	0.000	2.929	30.3	0.0	1.0	31.3
12-31-2037	3.3	0.0	2.9	0.3	0.0	0.3	78.670	0.000	2.929	27.2	0.0	0.9	28.1
12-31-2038	2.9	0.0	2.6	0.3	0.0	0.3	78.670	0.000	2.929	24.5	0.0	0.8	25.3
SUBTOTAL	102.1	0.0	128.9	10.8	0.0	12.8	78.670	0.000	2.929	850.6	0.0	37.6	888.2
REMAINING	9.8	0.0	8.8	1.0	0.0	0.9	78.670	0.000	2.929	81.6	0.0	2.6	84.1
TOTAL	111.9	0.0	137.7	11.8	0.0	13.7	78.670	0.000	2.929	932.1	0.0	40.2	972.3
CUM PROD	579.1	0.0	1,155.9										
ULTIMATE	690.9	0.0	1,293.6										

		_		NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	NTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	12.5	0.0	18.7	87.4	87.4	82.9	82.9	0	549.7
12-31-2025	1	0.1	0.0	11.2	0.0	18.0	73.1	160.5	62.8	145.7	5	440.6
12-31-2026	1	0.1	0.0	10.0	0.0	17.4	62.0	222.5	48.2	194.0	8	390.8
12-31-2027	1	0.1	0.0	9.0	0.0	16.9	54.6	277.1	38.4	232.4	10	362.6
12-31-2028	1	0.1	0.0	8.1	0.0	16.5	48.0	325.1	30.6	263.0	12	337.8
12-31-2029	1	0.1	0.0	7.3	0.0	16.1	41.8	366.9	24.1	287.1	15	305.8
12-31-2030	1	0.1	0.0	6.6	0.0	15.7	36.4	403.3	19.0	306.1	20	263.4
12-31-2031	1	0.1	0.0	5.9	0.0	15.4	31.5	434.8	14.9	320.9	30	205.3
12-31-2032	1	0.1	0.0	5.3	0.0	15.1	27.2	462.0	11.6	332.6	40	167.9
12-31-2033	1	0.1	0.0	4.8	0.0	14.9	23.1	485.1	8.9	341.5	50	142.1
12-31-2034	1	0.1	0.0	4.3	0.0	14.7	19.5	504.6	6.8	348.3		
12-31-2035	1	0.1	0.0	3.9	0.0	14.5	16.3	520.9	5.2	353.5		
12-31-2036	1	0.1	0.0	3.5	0.0	14.3	13.5	534.4	3.9	357.4		
12-31-2037	1	0.1	0.0	3.1	0.0	14.1	10.8	545.2	2.8	360.2		
12-31-2038	1	0.1	0.0	2.8	0.0	14.0	8.5	553.7	2.0	362.2		
SUBTOTAL			0.0	98.3	0.0	236.2	553.7	553.7	362.2	362.2		
REMAINING			0.0	9.4	19.0	59.7	-4.0	-4.0	0.4	362.6		
TOTAL OF 19.4 YI	RS		0.0	107.8	19.0	295.9	549.7	549.7	362.6	362.6		

E43

3P Filter

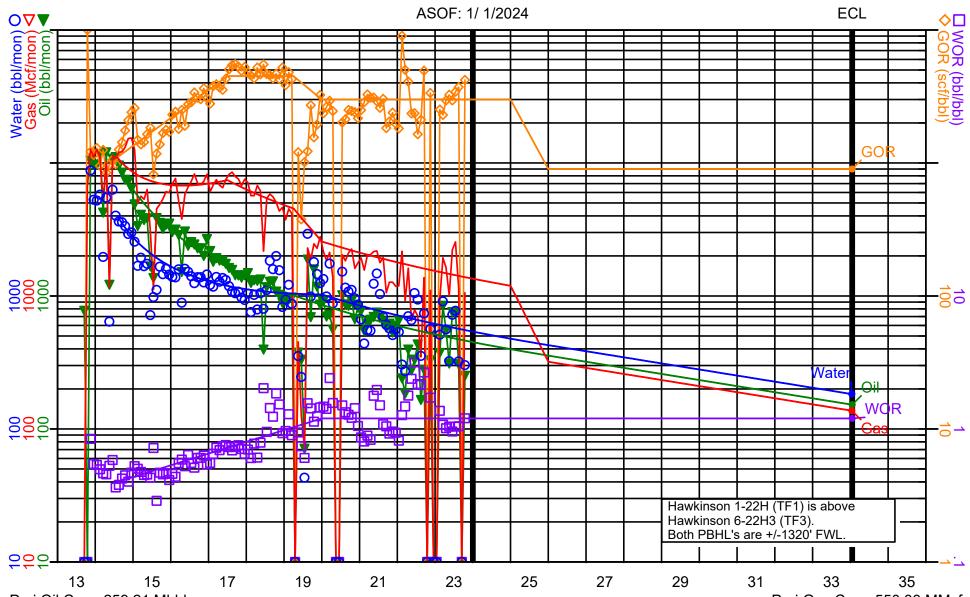
Case Name: HAWKINSON 6-22H3

API Number: 33-025-01955

NDIC FILE No: 24225

Reservoir: THREE FORKS 3 Perfs: 11738-21189

CTB No: 224223



Proj Oil Cum: 259.21 Mbbl Oil Rem: 32.74 Mbbl Oil EUR: 291.95 Mbbl

Proj Gas Cum: 550.33 MMcf Gas Rem: 44.03 MMcf Gas EUR: 594.36 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

All estimates and exhibits are part of this report and subject to its parameters and conditions.

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.206656 INITIAL REVENUE INTEREST :

PHDWIN ID: 20

HAWKINSON 6-22H3

NAME: OAKDALE FIELD: RESERVOIR: THREE FORKS 3 COUNTY, STATE:

OPERATOR:

DUNN, ND CONTINENTAL RESOURCES

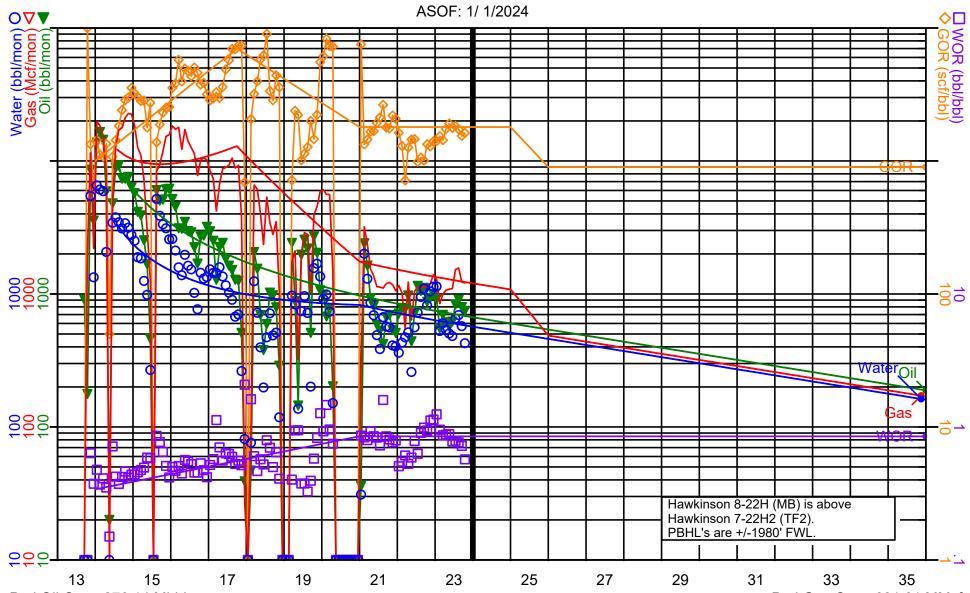
PERIOD	Gl	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	5.1	0.0	15.2	0.9	0.0	2.5	78.670	0.000	2.929	68.4	0.0	7.2	75.5
12-31-2025	4.5	0.0	8.0	0.8	0.0	1.3	78.670	0.000	2.929	60.6	0.0	3.7	64.4
12-31-2026	4.0	0.0	3.6	0.7	0.0	0.6	78.670	0.000	2.929	54.4	0.0	1.7	56.2
12-31-2027	3.6	0.0	3.3	0.6	0.0	0.5	78.670	0.000	2.929	49.0	0.0	1.5	50.5
12-31-2028	3.3	0.0	3.0	0.6	0.0	0.5	78.670	0.000	2.929	44.2	0.0	1.4	45.6
12-31-2029	2.9	0.0	2.7	0.5	0.0	0.4	78.670	0.000	2.929	39.7	0.0	1.3	40.9
12-31-2030	2.7	0.0	2.4	0.5	0.0	0.4	78.670	0.000	2.929	35.7	0.0	1.1	36.8
12-31-2031	2.4	0.0	2.2	0.4	0.0	0.3	78.670	0.000	2.929	32.2	0.0	1.0	33.2
12-31-2032	2.2	0.0	1.9	0.4	0.0	0.3	78.670	0.000	2.929	29.0	0.0	0.9	29.9
12-31-2033	1.9	0.0	1.7	0.3	0.0	0.3	78.670	0.000	2.929	26.0	0.0	0.8	26.9
12-31-2034	0.1	0.0	0.1	0.0	0.0	0.0	78.670	0.000	2.929	1.3	0.0	0.0	1.3
12-31-2035	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	32.7	0.0	44.0	5.6	0.0	7.1	78.670	0.000	2.929	440.6	0.0	20.7	461.3
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	32.7	0.0	44.0	5.6	0.0	7.1	78.670	0.000	2.929	440.6	0.0	20.7	461.3
CUM PROD	259.2	0.0	550.3										
ULTIMATE	291.9	0.0	594.4										

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	FACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.2	0.0	8.0	0.0	26.1	41.5	41.5	39.3	39.3	0	137.5
12-31-2025	1	0.2	0.0	7.0	0.0	25.4	31.9	73.4	27.5	66.8	5	128.3
12-31-2026	1	0.2	0.0	6.3	0.0	24.9	25.0	98.4	19.4	86.3	8	122.2
12-31-2027	1	0.2	0.0	5.7	0.0	24.4	20.4	118.8	14.4	100.7	10	118.1
12-31-2028	1	0.2	0.0	5.1	0.0	24.1	16.4	135.3	10.5	111.1	12	114.0
12-31-2029	1	0.2	0.0	4.6	0.0	23.7	12.6	147.9	7.3	118.4	15	108.0
12-31-2030	1	0.2	0.0	4.1	0.0	23.4	9.3	157.2	4.9	123.3	20	98.8
12-31-2031	1	0.2	0.0	3.7	0.0	23.1	6.3	163.6	3.0	126.3	30	83.1
12-31-2032	1	0.2	0.0	3.3	0.0	22.9	3.7	167.3	1.6	127.9	40	71.1
12-31-2033	1	0.2	0.0	3.0	0.0	22.6	1.2	168.5	0.5	128.4	50	61.8
12-31-2034	1	0.2	0.0	0.1	0.0	1.2	0.0	168.5	0.0	128.4		
12-31-2035	0	0.0	0.0	0.0	31.0	0.0	-31.0	137.5	-10.3	118.1		
SUBTOTAL			0.0	51.0	31.0	241.8	137.5	137.5	118.1	118.1		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	118.1		
TOTAL OF 10.1 Y	'RS		0.0	51.0	31.0	241.8	137.5	137.5	118.1	118.1		

Case Name: HAWKINSON 7-22H2

API Number: 33-025-01965 NDIC FILE No: 24282 Reservoir: THREE FORKS 2 Perfs: 11478-21195

CTB No: 224223



Proj Oil Cum: 276.14 Mbbl Oil Rem: 58.88 Mbbl

Oil EUR: 335.02 Mbbl

Proj Gas Cum: 681.61 MMcf Gas Rem: 62.62 MMcf Gas EUR: 744.24 MMcf

### PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

All estimates and exhibits are part of this report and subject to its parameters and conditions.

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.135507 INITIAL REVENUE INTEREST : 0.111201

PHDWIN ID: 21

AS OF JANUARY 1, 2024

HAWKINSON 7-22H2 NAME: OAKDALE FIELD: RESERVOIR: THREE FORKS 2 COUNTY, STATE:

DUNN, ND CONTINENTAL RESOURCES OPERATOR:

PERIOD	G	ROSS RESERVES		1	NET RESERVES		A'	VERAGE PRICES			GROSS RE	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	7.6	0.0	13.7	0.8	0.0	1.4	78.670	0.000	2.929	66.6	0.0	4.2	70.8
12-31-2025	6.8	0.0	8.9	0.8	0.0	0.9	78.670	0.000	2.929	59.8	0.0	2.7	62.5
12-31-2026	6.2	0.0	5.5	0.7	0.0	0.6	78.670	0.000	2.929	53.8	0.0	1.7	55.5
12-31-2027	5.5	0.0	5.0	0.6	0.0	0.5	78.670	0.000	2.929	48.4	0.0	1.5	50.0
12-31-2028	5.0	0.0	4.5	0.6	0.0	0.5	78.670	0.000	2.929	43.7	0.0	1.4	45.1
12-31-2029	4.5	0.0	4.0	0.5	0.0	0.4	78.670	0.000	2.929	39.2	0.0	1.2	40.5
12-31-2030	4.0	0.0	3.6	0.4	0.0	0.4	78.670	0.000	2.929	35.3	0.0	1.1	36.4
12-31-2031	3.6	0.0	3.3	0.4	0.0	0.3	78.670	0.000	2.929	31.8	0.0	1.0	32.8
12-31-2032	3.3	0.0	2.9	0.4	0.0	0.3	78.670	0.000	2.929	28.7	0.0	0.9	29.6
12-31-2033	2.9	0.0	2.6	0.3	0.0	0.3	78.670	0.000	2.929	25.7	0.0	0.8	26.5
12-31-2034	2.6	0.0	2.4	0.3	0.0	0.2	78.670	0.000	2.929	23.2	0.0	0.7	23.9
12-31-2035	2.4	0.0	2.1	0.3	0.0	0.2	78.670	0.000	2.929	20.8	0.0	0.7	21.5
12-31-2036	2.2	0.0	1.9	0.2	0.0	0.2	78.670	0.000	2.929	18.8	0.0	0.6	19.4
12-31-2037	1.9	0.0	1.7	0.2	0.0	0.2	78.670	0.000	2.929	16.9	0.0	0.5	17.4
12-31-2038	0.3	0.0	0.2	0.0	0.0	0.0	78.670	0.000	2.929	2.3	0.0	0.1	2.4
SUBTOTAL	58.9	0.0	62.6	6.5	0.0	6.5	78.670	0.000	2.929	515.1	0.0	19.2	534.2
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	58.9	0.0	62.6	6.5	0.0	6.5	78.670	0.000	2.929	515.1	0.0	19.2	534.2
CUM PROD	276.1	0.0	681.6										
ULTIMATE	335.0	0.0	744.2										

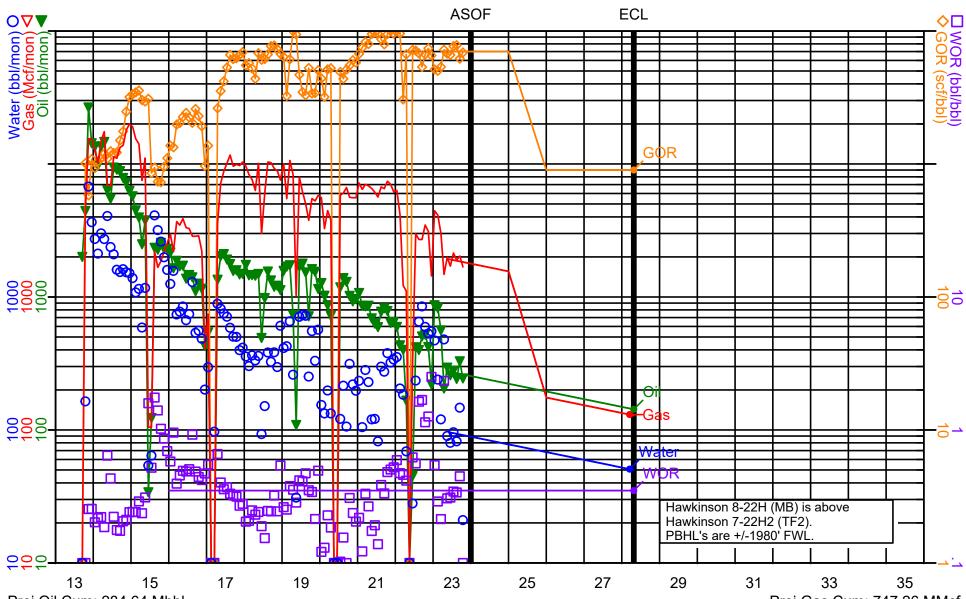
		_		NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	ΓIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	7.7	0.0	17.6	45.5	45.5	43.1	43.1	0	231.9
12-31-2025	1	0.1	0.0	6.9	0.0	17.2	38.4	83.9	33.0	76.1	5	198.6
12-31-2026	1	0.1	0.0	6.2	0.0	16.8	32.5	116.4	25.3	101.4	8	181.4
12-31-2027	1	0.1	0.0	5.6	0.0	16.5	27.9	144.3	19.6	121.1	10	171.1
12-31-2028	1	0.1	0.0	5.0	0.0	16.2	23.9	168.2	15.2	136.3	12	161.6
12-31-2029	1	0.1	0.0	4.5	0.0	15.9	20.0	188.2	11.6	147.8	15	148.8
12-31-2030	1	0.1	0.0	4.1	0.0	15.7	16.7	204.9	8.7	156.5	20	130.9
12-31-2031	1	0.1	0.0	3.7	0.0	15.4	13.7	218.6	6.5	163.0	30	104.5
12-31-2032	1	0.1	0.0	3.3	0.0	15.3	11.0	229.6	4.7	167.7	40	86.4
12-31-2033	1	0.1	0.0	3.0	0.0	15.1	8.5	238.1	3.3	171.0	50	73.5
12-31-2034	1	0.1	0.0	2.7	0.0	14.9	6.3	244.4	2.2	173.2		
12-31-2035	1	0.1	0.0	2.4	0.0	14.8	4.3	248.7	1.4	174.6		
12-31-2036	1	0.1	0.0	2.2	0.0	14.6	2.6	251.3	0.7	175.3		
12-31-2037	1	0.1	0.0	1.9	0.0	14.5	0.9	252.2	0.2	175.6		
12-31-2038	1	0.1	0.0	0.3	0.0	2.1	0.0	252.3	0.0	175.6		
SUBTOTAL			0.0	59.5	0.0	222.5	252.3	252.3	175.6	175.6		
REMAINING			0.0	0.0	20.3	0.0	-20.3	-20.3	-4.5	171.1		
TOTAL OF 14.1 Y	RS		0.0	59.5	20.3	222.5	231.9	231.9	171.1	171.1		

Case Name: HAWKINSON 8-22H API Number: 33-025-01966

NDIC FILE No: 24283

Reservoir: MIDDLE BAKKEN Perfs: 11495-20999

CTB No: 224223



Proj Oil Cum: 284.64 Mbbl Oil Rem: 10.01 Mbbl

Oil EUR: 294.65 Mbbl

Proj Gas Cum: 747.26 MMcf Gas Rem: 31.81 MMcf

Gas EUR: 779.07 MMcf

# PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

All estimates and exhibits are part of this report and subject to its parameters and conditions.

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.107033 INITIAL REVENUE INTEREST : 0.089528

PHDWIN ID: 22

AS OF JANUARY 1, 2024

NAME: FIELD: RESERVOIR: HAWKINSON 8-22H

OAKDALE MIDDLE BAKKEN

COUNTY, STATE: OPERATOR:

DUNN, ND CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	'ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	2.9	0.0	20.0	0.3	0.0	1.7	78.670	0.000	2.929	20.2	0.0	4.9	25.1
12-31-2025	2.5	0.0	7.6	0.2	0.0	0.6	78.670	0.000	2.929	17.6	0.0	1.9	19.5
12-31-2026	2.2	0.0	2.0	0.2	0.0	0.2	78.670	0.000	2.929	15.4	0.0	0.5	15.9
12-31-2027	1.9	0.0	1.7	0.2	0.0	0.1	78.670	0.000	2.929	13.5	0.0	0.4	13.9
12-31-2028	0.6	0.0	0.5	0.0	0.0	0.0	78.670	0.000	2.929	3.9	0.0	0.1	4.0
12-31-2029	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0

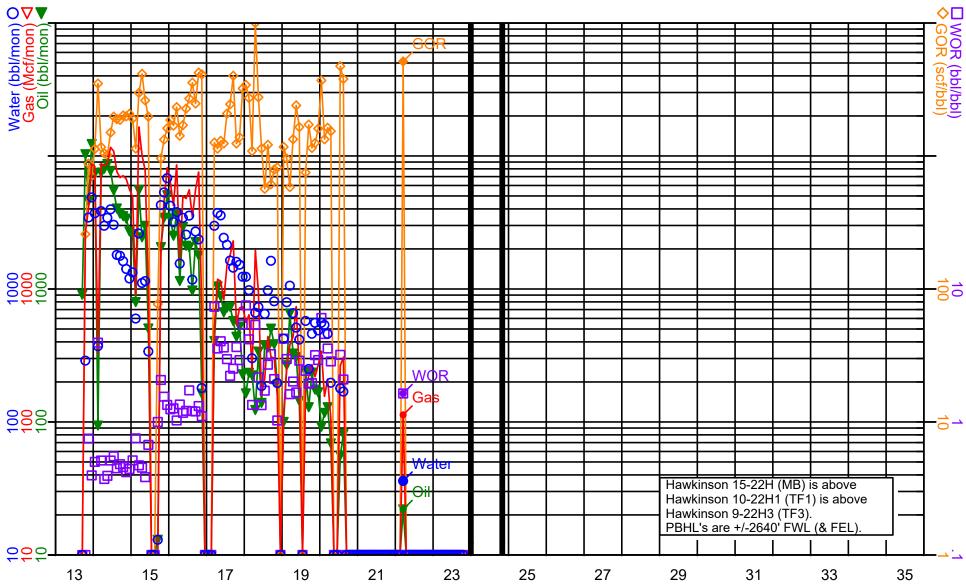
SUBTOTAL	10.0	0.0	31.8	0.9	0.0	2.7	78.670	0.000	2.929	70.5	0.0	7.8	78.3
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	10.0	0.0	31.8	0.9	0.0	2.7	78.670	0.000	2.929	70.5	0.0	7.8	78.3
CUM PROD	284.6	0.0	747.3										
ULTIMATE	294.7	0.0	779.1										

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	2.4	0.0	11.5	11.2	11.2	10.7	10.7	0	5.5
12-31-2025	1	0.1	0.0	2.0	0.0	11.3	6.1	17.4	5.3	16.0	5	8.0
12-31-2026	1	0.1	0.0	1.8	0.0	11.2	2.9	20.3	2.3	18.2	8	9.1
12-31-2027	1	0.1	0.0	1.6	0.0	11.1	1.2	21.5	0.9	19.1	10	9.7
12-31-2028	1	0.1	0.0	0.4	0.0	3.5	0.1	21.6	0.1	19.2	12	10.2
12-31-2029	0	0.0	0.0	0.0	16.1	0.0	-16.1	5.5	-9.5	9.7	15	10.8
											20	11.6
											30	12.2
											40	12.1
											50	11.7
SUBTOTAL			0.0	8.2	16.1	48.5	5.5	5.5	9.7	9.7		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7		
TOTAL OF 4.3 YF	oc		0.0	8.2	16.1	48.5	5.5	5.5	9.7	9.7		
101AL OF 4.3 YE	7.5		0.0	8.2	10.1	48.3	3.3	5.5	9.7	9.7		

Case Name: HAWKINSON 9-22H3

API Number: 33-025-01967 NDIC FILE No: 24284 Reservoir: THREE FORKS 3 Perfs: 11568-21080

CTB No: 224223



Proj Oil Cum: 151.30 Mbbl Oil Rem: 0.00 Mbbl

Oil EUR: 151.30 Mbbl

Proj Gas Cum: 237.66 MMcf Gas Rem: 0.00 MMcf

Gas EUR: 237.66 MMcf

## PROJECTION OF RESERVES AND REVENUE

GAS

MMCF

NET RESERVES

NGL

MGAL

ANDRESS SANDEFER ET AL CURRENT INTEREST

GROSS RESERVES

NGL

MGAL

GAS

MMCF

OIL

MBBL

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.129076 INITIAL REVENUE INTEREST : 0.108218

OIL

MBBL

PHDWIN ID: 23 PERIOD

**ENDING** 

M-D-Y

SUBTOTAL

REMAINING

TOTAL OF 0.8 YRS

AS OF JANUARY 1, 2024

OIL

\$/BBL

AVERAGE PRICES

NGL

\$/GAL

GAS

\$/MCF

NAME: FIELD:

HAWKINSON 9-22H3 OAKDALE

NGL

M\$

RESERVOIR: THREE FORKS 3 COUNTY, STATE: DUNN, ND

OPERATOR:

OIL

M\$

CONTINENTAL RESOURCES GROSS REVENUE

GAS

M\$

TOTAL

M\$

12-31-2024 12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0 0.0		0.0
									3.000				
SUBTOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0		0.0
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0		0.0
CUM PROD	151.3	0.0	237.7										
ULTIMATE	151.3	0.0	237.7										
				T DEDUCTIONS/E			Inipiac		E NET REVENUE		. 100/	DD F.G.F. 177 111 G	THE DROPE OF
	MBER OF ACTIVE	NI PRO		PROD AND ADV TAXES	CAPITAL COST	OPERATING EXPENSE		OUNTED		COUNTED AT		PRESENT WOL	
ENDING M-D-Y GRO	COMPLETIONS OSS NET	PRO		M\$	M\$	M\$	PERIOD M\$	CUM M\$	PERIO M\$		CUM M\$	DISC RATE %	CUM PW M\$
									_				
12-31-2024 12-31-2025		0.0 0.0	0.0	0.0 0.0	0.0 19.4	3.8 0.0	-3.8 -19.4		3.8 3.2	-3.7 -16.1	-3.7 -19.8	0	-23.2 -21.4
12-31-2025	U	0.0	0.0	0.0	19.4	0.0	-19.4	-2	3.2	-10.1	-19.8	5 8	-21.4 -20.4
												10	-19.8
												12	-19.8
												15	-18.3
												20	-17.0
												30	-14.6
												40	-12.6
												50	-11.0

0.0

0.0

0.0

0.0

0.0

0.0

19.4

0.0

19.4

3.8

0.0

3.8

-23.2

0.0

-23.2

-23.2

0.0

-23.2

-19.8

0.0

-19.8

-19.8

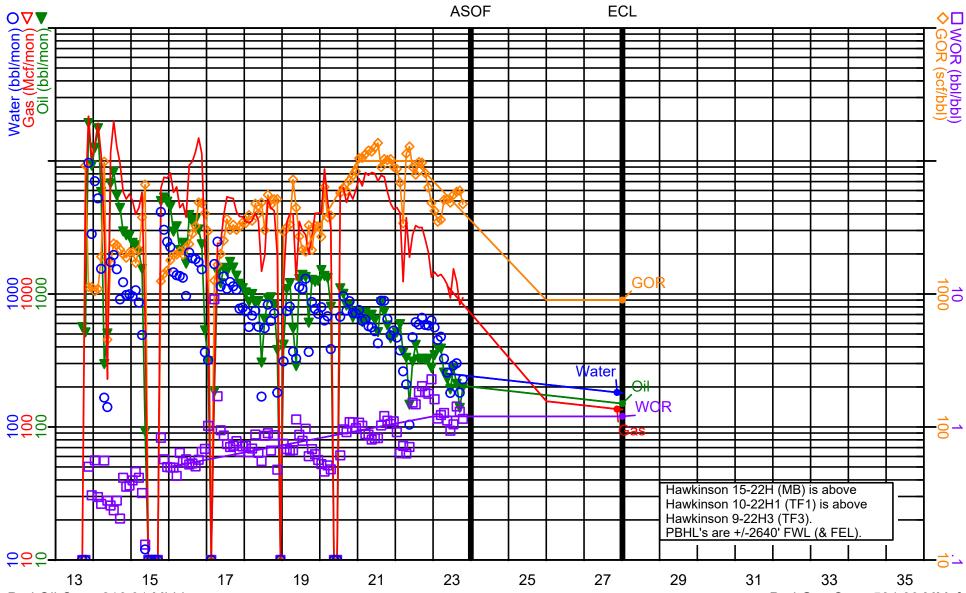
-19.8

-19.8

Case Name: HAWKINSON 10-22H1

API Number: 33-025-01968 NDIC FILE No: 24285 Reservoir: THREE FORKS 1 Perfs: 11480-20988

CTB No: 224223



Proj Oil Cum: 216.31 Mbbl Oil Rem: 8.39 Mbbl

Oil EUR: 224.70 Mbbl

Proj Gas Cum: 584.89 MMcf Gas Rem: 12.33 MMcf

Gas EUR: 597.22 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

8.4

216.3

224.7

0.0

0.0

0.0

12.3

584.9

597.2

0.7

0.0

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.103841 INITIAL REVENUE INTEREST: 0.087175

PHDWIN ID: 24

TOTAL

CUM PROD ULTIMATE NAME : FIELD : HAWKINSON 10-22H1

FIELD : RESERVOIR : COUNTY, STATE : OAKDALE THREE FORKS 1 DUNN, ND

0.0

3.0

60.5

OPERATOR: CONTINENTAL RESOURCES

PERIOD	GROSS RESERVES				NET RESERVES		AV	VERAGE PRICES			GROSS RE	VENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	2.3	0.0	6.0	0.2	0.0	0.5	78.670	0.000	2.929	16.0	0.0	1.4	17.4
12-31-2025	2.2	0.0	2.8	0.2	0.0	0.2	78.670	0.000	2.929	14.8	0.0	0.7	15.5
12-31-2026	2.0	0.0	1.8	0.2	0.0	0.1	78.670	0.000	2.929	13.8	0.0	0.4	14.2
12-31-2027	1.9	0.0	1.7	0.2	0.0	0.1	78.670	0.000	2.929	12.8	0.0	0.4	13.2
12-31-2028	0.0	0.0	0.0	0.0	0.0	0.0	78.670	0.000	2.929	0.2	0.0	0.0	0.2
12-31-2029	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	8.4	0.0	12.3	0.7	0.0	1.0	78.670	0.000	2.929	57.5	0.0	3.0	60.5
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0

1.0

78.670

0.000

2.929

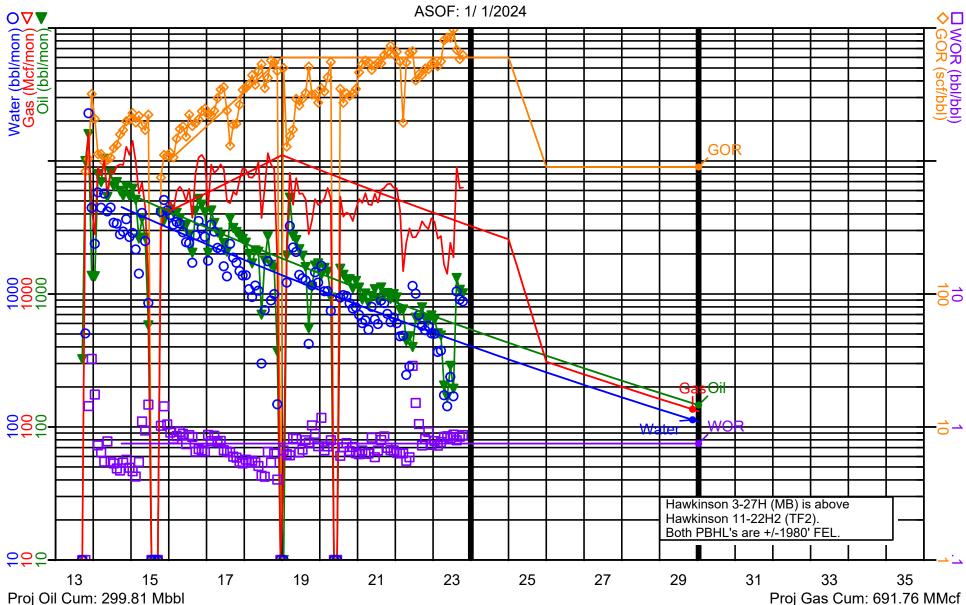
57.5

		_		NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	1.9	0.0	11.6	3.9	3.9	3.7	3.7	0	-7.8
12-31-2025	1	0.1	0.0	1.7	0.0	11.5	2.3	6.2	1.9	5.7	5	-4.8
12-31-2026	1	0.1	0.0	1.6	0.0	11.4	1.2	7.4	0.9	6.6	8	-3.4
12-31-2027	1	0.1	0.0	1.5	0.0	11.3	0.4	7.8	0.3	6.9	10	-2.6
12-31-2028	1	0.1	0.0	0.0	0.0	0.2	0.0	7.8	0.0	6.9	12	-1.8
12-31-2029	0	0.0	0.0	0.0	15.6	0.0	-15.6	-7.8	-9.5	-2.6	15	-0.9
											20	0.4
											30	2.0
											40	2.9
											50	3.3
SUBTOTAL			0.0	6.7	15.6	46.1	-7.8	-7.8	-2.6	-2.6		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.6		
TOTAL OF 4.0 YF	RS		0.0	6.7	15.6	46.1	-7.8	-7.8	-2.6	-2.6		

Case Name: HAWKINSON 11-22H2

API Number: 33-025-01969 NDIC FILE No: 24286 Reservoir: THREE FORKS 2 Perfs: 11568-21168

CTB No: 224223



Oil Rem: 21.51 Mbbl Oil EUR: 321.32 Mbbl Proj Gas Cum: 691.76 MMcf Gas Rem: 57.59 MMcf Gas EUR: 749.35 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.129076 INITIAL REVENUE INTEREST: 0.108218

PHDWIN ID: 25

HAWKINSON 11-22H2

FIELD : RESERVOIR : COUNTY, STATE :

NAME:

OAKDALE
THREE FORKS 2
DUNN, ND
CONTINENTAL RESOURCES

OPERATOR: CONTINENTAL RESO

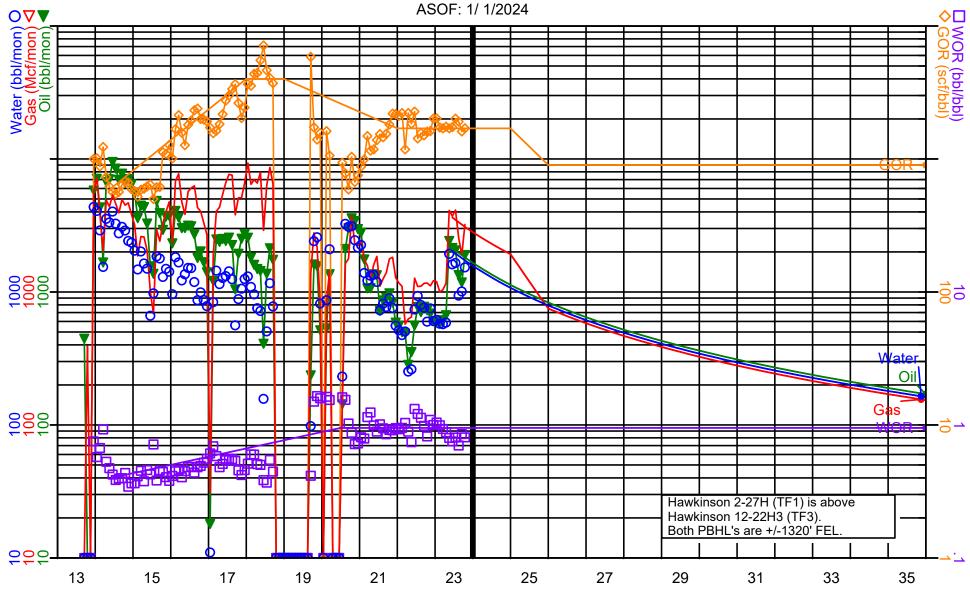
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	5.8	0.0	34.8	0.6	0.0	3.5	78.670	0.000	2.929	49.4	0.0	10.4	59.7
12-31-2025	4.6	0.0	12.8	0.5	0.0	1.3	78.670	0.000	2.929	39.2	0.0	3.8	43.1
12-31-2026	3.7	0.0	3.3	0.4	0.0	0.3	78.670	0.000	2.929	31.5	0.0	1.0	32.5
12-31-2027	3.0	0.0	2.7	0.3	0.0	0.3	78.670	0.000	2.929	25.3	0.0	0.8	26.1
12-31-2028	2.4	0.0	2.2	0.3	0.0	0.2	78.670	0.000	2.929	20.6	0.0	0.6	21.2
12-31-2029	2.0	0.0	1.8	0.2	0.0	0.2	78.670	0.000	2.929	16.7	0.0	0.5	17.2
12-31-2030	0.1	0.0	0.1	0.0	0.0	0.0	78.670	0.000	2.929	0.5	0.0	0.0	0.5
12-31-2031	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	21.5	0.0	57.6	2.3	0.0	5.9	78.670	0.000	2.929	183.2	0.0	17.2	200.3
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	21.5	0.0	57.6	2.3	0.0	5.9	78.670	0.000	2.929	183.2	0.0	17.2	200.3
CUM PROD	299.8	0.0	691.8										
ULTIMATE	321.3	0.0	749.4										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	INTED	DISCOUNTE	D AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	5.8	0.0	15.8	38.1	38.1	36.2	36.2	0	71.7
12-31-2025	1	0.1	0.0	4.6	0.0	15.1	23.4	61.5	20.2	56.4	5	70.4
12-31-2026	1	0.1	0.0	3.6	0.0	14.6	14.2	75.8	11.1	67.5	8	69.1
12-31-2027	1	0.1	0.0	2.9	0.0	14.2	9.0	84.7	6.3	73.8	10	68.2
12-31-2028	1	0.1	0.0	2.4	0.0	14.0	4.9	89.6	3.1	76.9	12	67.2
12-31-2029	1	0.1	0.0	1.9	0.0	13.8	1.5	91.1	0.9	77.8	15	65.6
12-31-2030	1	0.1	0.0	0.1	0.0	0.5	0.0	91.1	0.0	77.8	20	62.8
12-31-2031	0	0.0	0.0	0.0	19.4	0.0	-19.4	71.7	-9.6	68.2	30	57.1
											40	51.8
											50	47.1
SUBTOTAL			0.0	21.3	19.4	87.9	71.7	71.7	68.2	68.2		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.2		
TOTAL OF 6.0 Y	/RS		0.0	21.3	19.4	87.9	71.7	71.7	68.2	68.2		

Case Name: HAWKINSON 12-22H3

API Number: 33-025-01986 NDIC FILE No: 24350 Reservoir: THREE FORKS 3 Perfs: 11595-21045

CTB No: 224223



Proj Oil Cum: 258.83 Mbbl Oil Rem: 74.43 Mbbl

Oil EUR: 333.26 Mbbl

Proj Gas Cum: 351.86 MMcf Gas Rem: 84.52 MMcf

Gas EUR: 436.38 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.173562 INITIAL REVENUE INTEREST: 0.144597

PHDWIN ID: 26

NAME: HAWKINSON 12-22H3
FIELD: OAKDALE
RESERVOIR: THREE FORKS 3
COUNTY, STATE: DUNN, ND

COUNTY, STATE : DUNN, ND
OPERATOR : CONTINENTAL RESOURCES

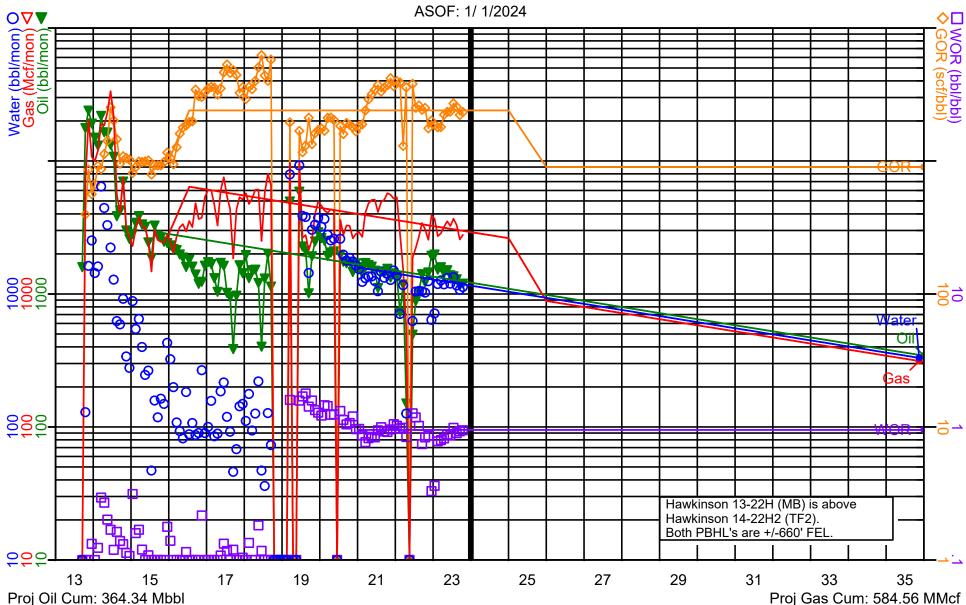
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	16.4	0.0	27.9	2.4	0.0	3.8	78.670	0.000	2.929	186.7	0.0	11.1	197.8
12-31-2025	11.6	0.0	14.9	1.7	0.0	2.0	78.670	0.000	2.929	132.2	0.0	5.9	138.1
12-31-2026	8.8	0.0	7.9	1.3	0.0	1.1	78.670	0.000	2.929	100.0	0.0	3.1	103.1
12-31-2027	6.9	0.0	6.2	1.0	0.0	0.8	78.670	0.000	2.929	79.0	0.0	2.5	81.5
12-31-2028	5.7	0.0	5.1	0.8	0.0	0.7	78.670	0.000	2.929	64.5	0.0	2.0	66.6
12-31-2029	4.7	0.0	4.3	0.7	0.0	0.6	78.670	0.000	2.929	53.7	0.0	1.7	55.4
12-31-2030	4.0	0.0	3.6	0.6	0.0	0.5	78.670	0.000	2.929	45.7	0.0	1.4	47.2
12-31-2031	3.5	0.0	3.1	0.5	0.0	0.4	78.670	0.000	2.929	39.5	0.0	1.2	40.8
12-31-2032	3.0	0.0	2.7	0.4	0.0	0.4	78.670	0.000	2.929	34.7	0.0	1.1	35.8
12-31-2033	2.7	0.0	2.4	0.4	0.0	0.3	78.670	0.000	2.929	30.6	0.0	1.0	31.5
12-31-2034	2.4	0.0	2.2	0.3	0.0	0.3	78.670	0.000	2.929	27.3	0.0	0.9	28.2
12-31-2035	2.2	0.0	1.9	0.3	0.0	0.3	78.670	0.000	2.929	24.5	0.0	0.8	25.3
12-31-2036	1.9	0.0	1.8	0.3	0.0	0.2	78.670	0.000	2.929	22.1	0.0	0.7	22.8
12-31-2037	0.5	0.0	0.5	0.1	0.0	0.1	78.670	0.000	2.929	6.0	0.0	0.2	6.2
12-31-2038	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	74.4	0.0	84.5	10.8	0.0	11.5	78.670	0.000	2.929	846.6	0.0	33.6	880.3
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	74.4	0.0	84.5	10.8	0.0	11.5	78.670	0.000	2.929	846.6	0.0	33.6	880.3
CUM PROD	258.8	0.0	351.9										
ULTIMATE	333.3	0.0	436.4										

				NET DEDUCTIONS.	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	21.6	0.0	29.7	146.5	146.5	139.4	139.4	0	471.1
12-31-2025	1	0.1	0.0	15.3	0.0	26.0	96.8	243.4	83.3	222.7	5	419.9
12-31-2026	1	0.1	0.0	11.5	0.0	23.8	67.8	311.2	52.8	275.5	8	392.7
12-31-2027	1	0.1	0.0	9.1	0.0	22.5	49.9	361.1	35.2	310.7	10	376.1
12-31-2028	1	0.1	0.0	7.4	0.0	21.5	37.6	398.7	24.0	334.7	12	360.6
12-31-2029	1	0.1	0.0	6.2	0.0	20.8	28.4	427.1	16.4	351.1	15	339.3
12-31-2030	1	0.1	0.0	5.3	0.0	20.3	21.6	448.7	11.3	362.3	20	308.5
12-31-2031	1	0.1	0.0	4.6	0.0	19.9	16.3	465.0	7.7	370.1	30	260.5
12-31-2032	1	0.1	0.0	4.0	0.0	19.6	12.2	477.2	5.2	375.3	40	225.3
12-31-2033	1	0.1	0.0	3.5	0.0	19.3	8.7	485.9	3.4	378.7	50	198.7
12-31-2034	1	0.1	0.0	3.2	0.0	19.1	5.9	491.9	2.1	380.8		
12-31-2035	1	0.1	0.0	2.8	0.0	18.9	3.6	495.5	1.1	381.9		
12-31-2036	1	0.1	0.0	2.6	0.0	18.7	1.5	497.0	0.4	382.3		
12-31-2037	1	0.1	0.0	0.7	0.0	5.4	0.1	497.1	0.0	382.4		
12-31-2038	0	0.0	0.0	0.0	26.0	0.0	-26.0	471.1	-6.3	376.1		
SUBTOTAL			0.0	97.8	26.0	285.3	471.1	471.1	376.1	376.1		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	376.1		
TOTAL OF 13.3 YI	RS		0.0	97.8	26.0	285.3	471.1	471.1	376.1	376.1		

Case Name: HAWKINSON 13-22H

API Number: 33-025-02006 NDIC FILE No: 24455 Reservoir: MIDDLE BAKKEN Perfs: 11365-20837

CTB No: 224223



Oil Rem: 121.61 Mbbl Oil EUR: 485.95 Mbbl Proj Gas Cum: 584.56 MMcf Gas Rem: 138.27 MMcf Gas EUR: 722.83 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.124781 INITIAL REVENUE INTEREST: 0.104567

All estimates and exhibits are part of this report and subject to its parameters and conditions.

PHDWIN ID: 27

HAWKINSON 13-22H

FIELD: OAKDALE RESERVOIR: MIDDLE BAKKEN

COUNTY, STATE : OPERATOR :

NAME:

DUNN, ND CONTINENTAL RESOURCES

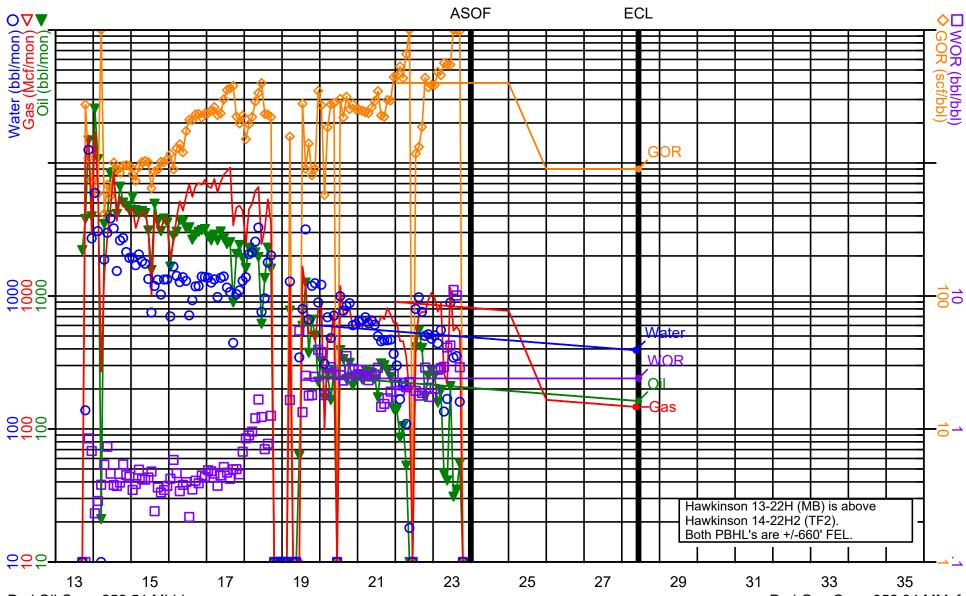
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES	<u> </u>		GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	13.9	0.0	33.3	1.5	0.0	3.3	78.670	0.000	2.929	114.1	0.0	9.6	123.7
12-31-2025	12.5	0.0	19.2	1.3	0.0	1.9	78.670	0.000	2.929	102.4	0.0	5.5	108.0
12-31-2026	11.2	0.0	10.1	1.2	0.0	1.0	78.670	0.000	2.929	92.2	0.0	2.9	95.1
12-31-2027	10.1	0.0	9.1	1.1	0.0	0.9	78.670	0.000	2.929	83.0	0.0	2.6	85.6
12-31-2028	9.1	0.0	8.2	1.0	0.0	0.8	78.670	0.000	2.929	74.9	0.0	2.4	77.2
12-31-2029	8.2	0.0	7.4	0.9	0.0	0.7	78.670	0.000	2.929	67.2	0.0	2.1	69.3
12-31-2030	7.4	0.0	6.6	0.8	0.0	0.7	78.670	0.000	2.929	60.5	0.0	1.9	62.4
12-31-2031	6.6	0.0	6.0	0.7	0.0	0.6	78.670	0.000	2.929	54.4	0.0	1.7	56.2
12-31-2032	6.0	0.0	5.4	0.6	0.0	0.5	78.670	0.000	2.929	49.1	0.0	1.5	50.7
12-31-2033	5.4	0.0	4.8	0.6	0.0	0.5	78.670	0.000	2.929	44.1	0.0	1.4	45.5
12-31-2034	4.8	0.0	4.3	0.5	0.0	0.4	78.670	0.000	2.929	39.7	0.0	1.2	40.9
12-31-2035	4.3	0.0	3.9	0.5	0.0	0.4	78.670	0.000	2.929	35.7	0.0	1.1	36.8
12-31-2036	3.9	0.0	3.5	0.4	0.0	0.3	78.670	0.000	2.929	32.2	0.0	1.0	33.2
12-31-2037	3.5	0.0	3.2	0.4	0.0	0.3	78.670	0.000	2.929	28.9	0.0	0.9	29.8
12-31-2038	3.2	0.0	2.8	0.3	0.0	0.3	78.670	0.000	2.929	26.0	0.0	0.8	26.9
SUBTOTAL	110.0	0.0	127.8	11.5	0.0	12.6	78.670	0.000	2.929	904.5	0.0	36.8	941.3
REMAINING	11.7	0.0	10.5	1.2	0.0	1.0	78.670	0.000	2.929	95.9	0.0	3.0	99.0
TOTAL	121.6	0.0	138.3	12.7	0.0	13.6	78.670	0.000	2.929	1,000.4	0.0	39.8	1,040.2
CUM PROD	364.3	0.0	584.6										
ULTIMATE	486.0	0.0	722.8										

		_		NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	INTED	DISCOUNTEI	OAT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	ΓIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	13.3	0.0	20.0	90.4	90.4	85.8	85.8	0	592.1
12-31-2025	1	0.1	0.0	11.9	0.0	19.2	76.9	167.4	66.1	151.9	5	471.1
12-31-2026	1	0.1	0.0	10.6	0.0	18.4	66.0	233.4	51.3	203.2	8	416.5
12-31-2027	1	0.1	0.0	9.6	0.0	17.8	58.2	291.6	40.9	244.2	10	385.7
12-31-2028	1	0.1	0.0	8.6	0.0	17.3	51.3	342.9	32.7	276.8	12	358.7
12-31-2029	1	0.1	0.0	7.8	0.0	16.8	44.8	387.6	25.8	302.7	15	324.1
12-31-2030	1	0.1	0.0	7.0	0.0	16.4	39.0	426.7	20.4	323.0	20	278.3
12-31-2031	1	0.1	0.0	6.3	0.0	16.0	33.9	460.6	16.0	339.1	30	216.1
12-31-2032	1	0.1	0.0	5.7	0.0	15.6	29.4	489.9	12.6	351.6	40	176.3
12-31-2033	1	0.1	0.0	5.1	0.0	15.3	25.1	515.0	9.7	361.3	50	148.9
12-31-2034	1	0.1	0.0	4.6	0.0	15.0	21.3	536.4	7.5	368.8		
12-31-2035	1	0.1	0.0	4.1	0.0	14.8	18.0	554.3	5.7	374.5		
12-31-2036	1	0.1	0.0	3.7	0.0	14.5	15.0	569.4	4.3	378.8		
12-31-2037	1	0.1	0.0	3.3	0.0	14.3	12.2	581.5	3.2	382.0		
12-31-2038	1	0.1	0.0	3.0	0.0	14.1	9.7	591.3	2.3	384.3		
SUBTOTAL			0.0	104.5	0.0	245.5	591.3	591.3	384.3	384.3		
REMAINING			0.0	11.1	18.7	68.3	0.9	0.9	1.4	385.7		
TOTAL OF 20.0 Y	YRS		0.0	115.6	18.7	313.8	592.1	592.1	385.7	385.7		

Case Name: HAWKINSON 14-22H2

API Number: 33-025-02007 NDIC FILE No: 24456 Reservoir: THREE FORKS 2 Perfs: 11545-20838

CTB No: 224223



Proj Oil Cum: 252.51 Mbbl

Oil Rem: 9.70 Mbbl Oil EUR: 262.21 Mbbl Proj Gas Cum: 352.84 MMcf Gas Rem: 18.82 MMcf Gas EUR: 371.66 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.152053 INITIAL REVENUE INTEREST : 0.127363

PHDWIN ID: 28

HAWKINSON 14-22H2 NAME:

OAKDALE FIELD: RESERVOIR: THREE FORKS 2 COUNTY, STATE: DUNN, ND

OPERATOR: CONTINENTAL RESOURCES

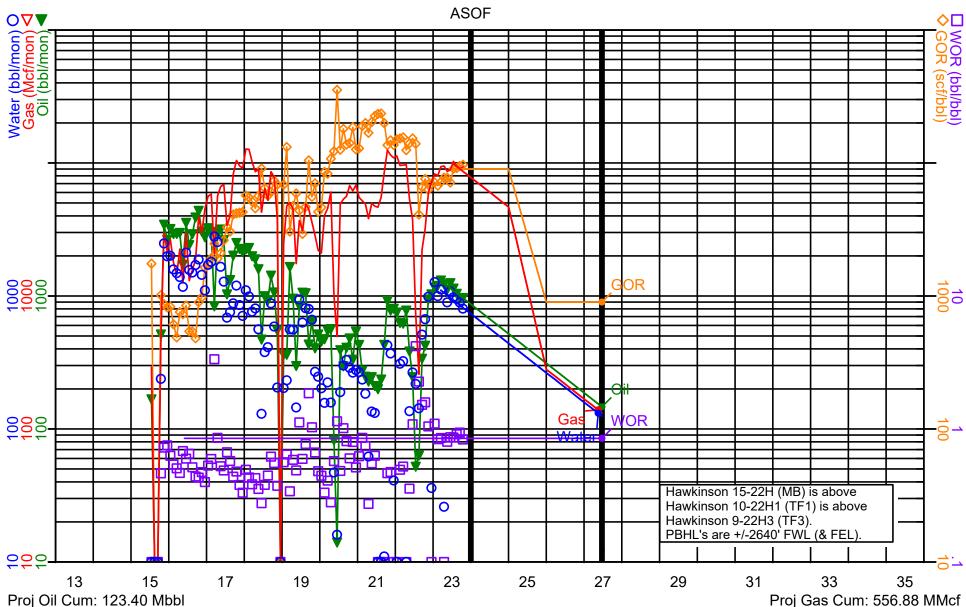
1112										or Ere ir ore :	0011111121111	IL RESCONCES	
PERIOD	G	ROSS RESERVES		1	NET RESERVES		A	VERAGE PRICES	3		GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	2.4	0.0	9.5	0.3	0.0	1.1	78.670	0.000	2.929	23.9	0.0	3.3	27.3
12-31-2025	2.3	0.0	4.7	0.3	0.0	0.6	78.670	0.000	2.929	22.7	0.0	1.7	24.3
12-31-2026	2.1	0.0	1.9	0.3	0.0	0.2	78.670	0.000	2.929	21.5	0.0	0.7	22.2
12-31-2027	2.0	0.0	1.8	0.3	0.0	0.2	78.670	0.000	2.929	20.4	0.0	0.6	21.1
12-31-2028	0.9	0.0	0.8	0.1	0.0	0.1	78.670	0.000	2.929	8.6	0.0	0.3	8.9
12-31-2029	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	9.7	0.0	18.8	1.2	0.0	2.3	78.670	0.000	2.929	97.2	0.0	6.6	103.8
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	9.7	0.0	18.8	1.2	0.0	2.3	78.670	0.000	2.929	97.2	0.0	6.6	103.8
CUM PROD	252.5	0.0	352.8										
ULTIMATE	262.2	0.0	371.7										

		_		NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF		NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	2.8	0.0	18.6	5.9	5.9	5.6	5.6	0	-11.1
12-31-2025	1	0.1	0.0	2.6	0.0	18.3	3.3	9.2	2.9	8.5	5	-6.4
12-31-2026	1	0.1	0.0	2.5	0.0	18.2	1.6	10.8	1.2	9.7	8	-4.2
12-31-2027	1	0.1	0.0	2.4	0.0	18.0	0.7	11.5	0.5	10.2	10	-3.0
12-31-2028	1	0.1	0.0	1.0	0.0	7.8	0.1	11.7	0.1	10.3	12	-1.8
12-31-2029	0	0.0	0.0	0.0	22.8	0.0	-22.8	-11.1	-13.3	-3.0	15	-0.4
											20	1.4
											30	3.7
											40	4.8
											50	5.3
CLIDTOTAL			0.0	11.3	22.8	80.8	-11.1	-11.1	-3.0	-3.0		
SUBTOTAL												
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.0		
TOTAL OF 4.4 Y	RS		0.0	11.3	22.8	80.8	-11.1	-11.1	-3.0	-3.0		

Case Name: HAWKINSON 15-22H

API Number: 33-025-02912 NDIC FILE No: 31104 Reservoir: MIDDLE BAKKEN

Perfs: 11570-14512 CTB No: 224223



Oil Rem: 16.85 Mbbl Oil EUR: 140.25 Mbbl Proj Gas Cum: 556.88 MMcf Gas Rem: 95.34 MMcf Gas EUR: 652.22 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

NET RESERVES

ANDRESS SANDEFER ET AL CURRENT INTEREST

GROSS RESERVES

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.125455 INITIAL REVENUE INTEREST : 0.105307

PHDWIN ID: 29 PERIOD

AVERAGE PRICES

HAWKINSON 15-22H

NAME: OAKDALE FIELD: RESERVOIR:MIDDLE BAKKEN

COUNTY, STATE:

DUNN, ND CONTINENTAL RESOURCES

OPERATOR:

GROSS REVENUE

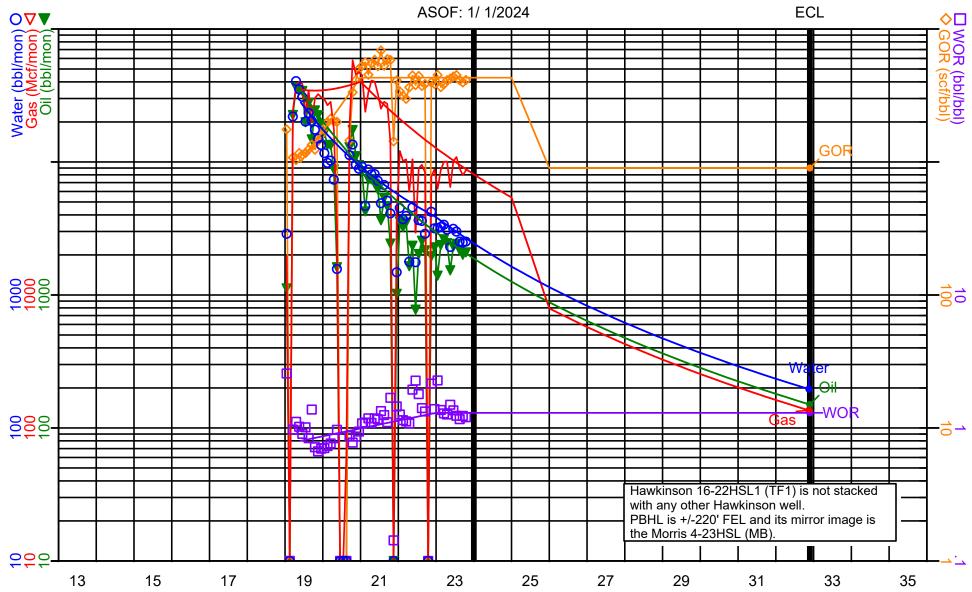
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	8.1	0.0	73.2	0.9	0.0	7.2	78.670	0.000	2.929	67.4	0.0	21.2	88.6
12-31-2025	4.9	0.0	18.7	0.5	0.0	1.8	78.670	0.000	2.929	40.3	0.0	5.4	45.7
12-31-2026	2.9	0.0	2.6	0.3	0.0	0.3	78.670	0.000	2.929	24.2	0.0	0.8	24.9
12-31-2027	0.9	0.0	0.8	0.1	0.0	0.1	78.670	0.000	2.929	7.8	0.0	0.2	8.0
12-31-2028	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	16.9	0.0	95.3	1.8	0.0	9,4	78.670	0.000	2.929	139.6	0.0	27.6	167.3
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	16.9	0.0	95.3	1.8	0.0	9.4	78.670	0.000	2.929	139.6	0.0	27.6	167.3
CUM PROD	123.4	0.0	556.9	1.0	0.0	7.4	78.070	0.000	2.727	137.0	0.0	27.0	107.5
ULTIMATE	140.3	0.0	652.2										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	8.0	0.0	17.1	63.5	63.5	60.5	60.5	0	79.7
12-31-2025	1	0.1	0.0	4.7	0.0	15.0	26.0	89.5	22.5	83.0	5	79.1
12-31-2026	1	0.1	0.0	2.8	0.0	13.9	8.2	97.7	6.4	89.4	8	78.4
12-31-2027	1	0.1	0.0	0.9	0.0	6.3	0.8	98.5	0.6	90.0	10	78.0
12-31-2028	0	0.0	0.0	0.0	18.8	0.0	-18.8	79.7	-12.1	78.0	12	77.4
											15	76.6
											20	75.0
											30	71.4
											40	67.6
											50	63.8
CLIDTOTAL			0.0	16.4	18.8	52.3	79.7	79.7	78.0	78.0		
SUBTOTAL												
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	78.0		
TOTAL OF 3.5 YF	RS		0.0	16.4	18.8	52.3	79.7	79.7	78.0	78.0		

Case Name: HAWKINSON 16-22HSL1

API Number: 33-025-03403 NDIC FILE No: 34354 Reservoir: THREE FORKS 1 Perfs: 11443-21510

CTB No: 134354



Proj Oil Cum: 470.87 Mbbl Oil Rem: 62.83 Mbbl

Oil EUR: 533.70 Mbbl

Proj Gas Cum: 1,104.83 MMcf Gas Rem: 136.86 MMcf Gas EUR: 1,241.69 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.131150 INITIAL REVENUE INTEREST: 0.110644

PHDWIN ID: 30

HAWKINSON 16-22HSL1

FIELD : RESERVOIR : COUNTY, STATE :

NAME:

OAKDALE THREE FORKS 1 DUNN, ND

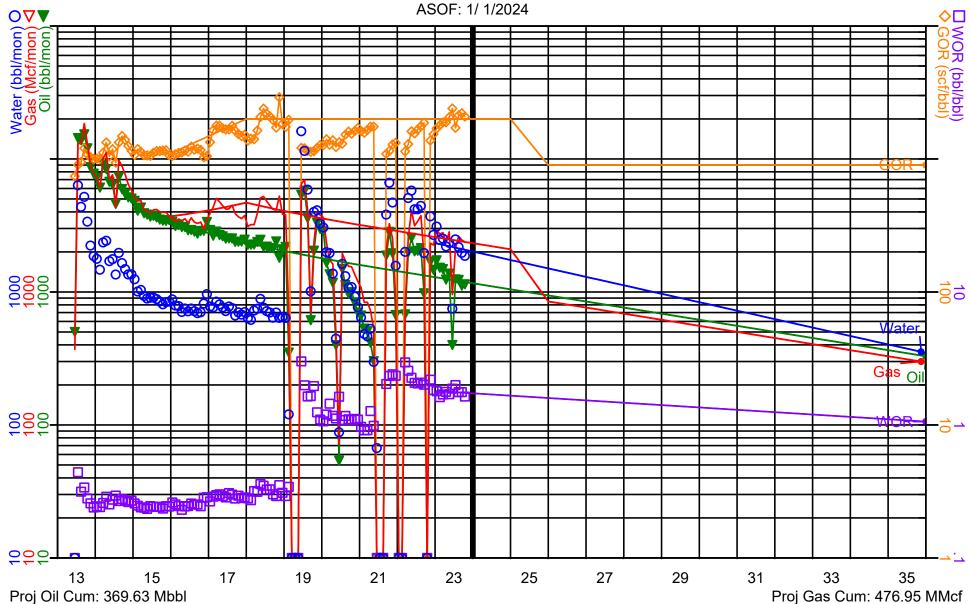
COUNTY, STATE : DUNN, ND
OPERATOR : CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	18.5	0.0	79.6	2.0	0.0	8.3	78.670	0.000	2.929	161.2	0.0	24.3	185.5
12-31-2025	12.6	0.0	28.7	1.4	0.0	3.0	78.670	0.000	2.929	110.0	0.0	8.8	118.8
12-31-2026	9.0	0.0	8.1	1.0	0.0	0.8	78.670	0.000	2.929	78.3	0.0	2.5	80.8
12-31-2027	6.6	0.0	6.0	0.7	0.0	0.6	78.670	0.000	2.929	57.6	0.0	1.8	59.4
12-31-2028	5.0	0.0	4.5	0.6	0.0	0.5	78.670	0.000	2.929	43.5	0.0	1.4	44.9
12-31-2029	3.8	0.0	3.5	0.4	0.0	0.4	78.670	0.000	2.929	33.5	0.0	1.1	34.5
12-31-2030	3.0	0.0	2.7	0.3	0.0	0.3	78.670	0.000	2.929	26.3	0.0	0.8	27.1
12-31-2031	2.4	0.0	2.2	0.3	0.0	0.2	78.670	0.000	2.929	21.0	0.0	0.7	21.7
12-31-2032	1.8	0.0	1.6	0.2	0.0	0.2	78.670	0.000	2.929	15.5	0.0	0.5	16.0
12-31-2033	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	62.8	0.0	136.9	7.0	0.0	14.2	78.670	0.000	2.929	546.9	0.0	41.7	588.5
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	62.8	0.0	136.9	7.0	0.0	14.2	78.670	0.000	2.929	546.9	0.0	41.7	588.5
CUM PROD	470.9	0.0	1,104.8										
ULTIMATE	533.7	0.0	1,241.7										

				NET DEDUCTIONS	E/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF		NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	18.9	0.0	26.9	139.7	139.7	132.9	132.9	0	343.3
12-31-2025	1	0.1	0.0	12.8	0.0	22.3	83.7	223.4	72.1	205.0	5	317.3
12-31-2026	1	0.1	0.0	9.0	0.0	19.5	52.2	275.6	40.7	245.7	8	302.8
12-31-2027	1	0.1	0.0	6.6	0.0	17.8	34.9	310.5	24.6	270.3	10	293.6
12-31-2028	1	0.1	0.0	5.0	0.0	16.7	23.2	333.7	14.8	285.2	12	284.8
12-31-2029	1	0.1	0.0	3.9	0.0	15.8	14.8	348.6	8.6	293.7	15	272.4
12-31-2030	1	0.1	0.0	3.0	0.0	15.2	8.8	357.4	4.6	298.4	20	253.5
12-31-2031	1	0.1	0.0	2.4	0.0	14.8	4.4	361.9	2.1	300.5	30	221.7
12-31-2032	1	0.1	0.0	1.8	0.0	13.0	1.2	363.0	0.5	301.0	40	196.6
12-31-2033	0	0.0	0.0	0.0	19.7	0.0	-19.7	343.3	-7.3	293.6	50	176.3
SUBTOTAL			0.0	63.5	19.7	162.1	343.3	343.3	293.6	293.6		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	293.6		
TOTAL OF 8.9 YI	RS		0.0	63.5	19.7	162.1	343.3	343.3	293.6	293.6		

Case Name: CARUS 2-28H1 API Number: 33-025-01560 NDIC FILE No: 21974 Reservoir: THREE FORKS 1 Perfs: 11701-20866

CTB No: 121974



Oil Rem: 116.33 Mbbl Oil EUR: 485.97 Mbbl Proj Gas Cum: 476.95 MMcf Gas Rem: 125.10 MMcf Gas EUR: 602.05 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.006246 INITIAL REVENUE INTEREST: 0.005404

PHDWIN ID: 200

NAME: CARUS 2-28H1
FIELD: CEDAR COULEE
RESERVOIR: THREE FORKS 1
COUNTY, STATE: DUNN, ND

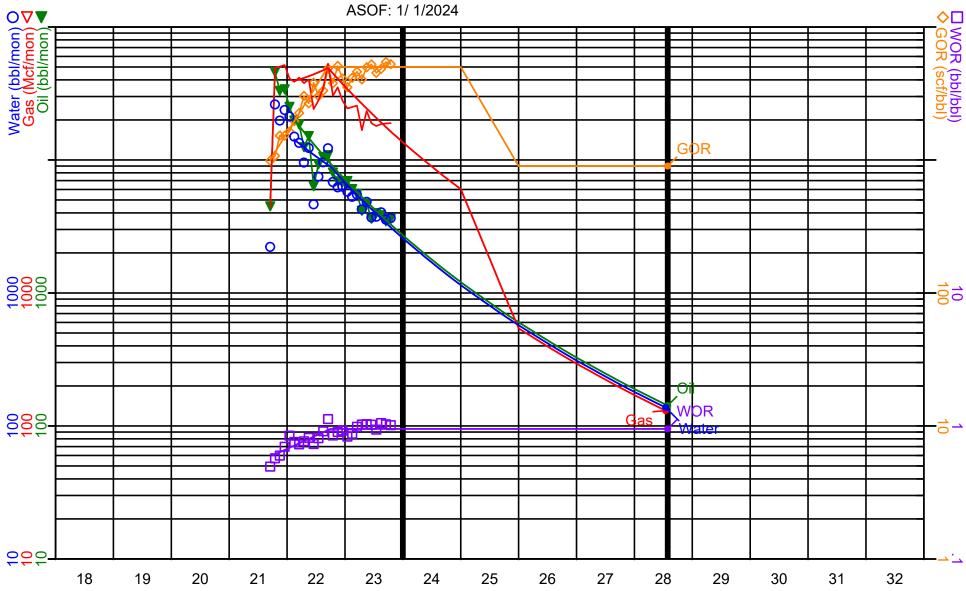
COUNTY, STATE : DUNN, ND
OPERATOR : CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	13.3	0.0	26.5	0.1	0.0	0.1	78.670	0.000	2.929	5.6	0.0	0.4	6.0
12-31-2025	11.9	0.0	16.5	0.1	0.0	0.1	78.670	0.000	2.929	5.1	0.0	0.2	5.3
12-31-2026	10.7	0.0	9.6	0.1	0.0	0.0	78.670	0.000	2.929	4.6	0.0	0.1	4.7
12-31-2027	9.6	0.0	8.7	0.1	0.0	0.0	78.670	0.000	2.929	4.1	0.0	0.1	4.2
12-31-2028	8.7	0.0	7.8	0.0	0.0	0.0	78.670	0.000	2.929	3.7	0.0	0.1	3.8
12-31-2029	7.8	0.0	7.0	0.0	0.0	0.0	78.670	0.000	2.929	3.3	0.0	0.1	3.4
12-31-2030	7.0	0.0	6.3	0.0	0.0	0.0	78.670	0.000	2.929	3.0	0.0	0.1	3.1
12-31-2031	6.3	0.0	5.7	0.0	0.0	0.0	78.670	0.000	2.929	2.7	0.0	0.1	2.8
12-31-2032	5.7	0.0	5.1	0.0	0.0	0.0	78.670	0.000	2.929	2.4	0.0	0.1	2.5
12-31-2033	5.1	0.0	4.6	0.0	0.0	0.0	78.670	0.000	2.929	2.2	0.0	0.1	2.2
12-31-2034	4.6	0.0	4.2	0.0	0.0	0.0	78.670	0.000	2.929	2.0	0.0	0.1	2.0
12-31-2035	4.2	0.0	3.7	0.0	0.0	0.0	78.670	0.000	2.929	1.8	0.0	0.1	1.8
12-31-2036	3.7	0.0	3.4	0.0	0.0	0.0	78.670	0.000	2.929	1.6	0.0	0.1	1.6
12-31-2037	3.4	0.0	3.0	0.0	0.0	0.0	78.670	0.000	2.929	1.4	0.0	0.0	1.5
12-31-2038	3.0	0.0	2.7	0.0	0.0	0.0	78.670	0.000	2.929	1.3	0.0	0.0	1.3
SUBTOTAL	105.2	0.0	115.1	0.6	0.0	0.6	78.670	0.000	2.929	44.7	0.0	1.7	46.4
REMAINING	11.2	0.0	10.0	0.1	0.0	0.1	78.670	0.000	2.929	4.7	0.0	0.1	4.9
TOTAL	116.3	0.0	125.1	0.6	0.0	0.6	78.670	0.000	2.929	49.5	0.0	1.9	51.3
CUM PROD	369.6	0.0	476.9										
ULTIMATE	486.0	0.0	602.1										

		_		NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	ΓIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.7	0.0	1.2	4.2	4.2	4.0	4.0	0	28.1
12-31-2025	1	0.0	0.0	0.6	0.0	1.1	3.6	7.8	3.1	7.1	5	22.3
12-31-2026	1	0.0	0.0	0.5	0.0	1.0	3.1	10.9	2.4	9.5	8	19.7
12-31-2027	1	0.0	0.0	0.5	0.0	1.0	2.8	13.7	1.9	11.4	10	18.2
12-31-2028	1	0.0	0.0	0.4	0.0	0.9	2.4	16.1	1.6	13.0	12	17.0
12-31-2029	1	0.0	0.0	0.4	0.0	0.9	2.1	18.3	1.2	14.2	15	15.3
12-31-2030	1	0.0	0.0	0.3	0.0	0.9	1.9	20.1	1.0	15.2	20	13.1
12-31-2031	1	0.0	0.0	0.3	0.0	0.8	1.6	21.8	0.8	16.0	30	10.2
12-31-2032	1	0.0	0.0	0.3	0.0	0.8	1.4	23.2	0.6	16.6	40	8.3
12-31-2033	1	0.0	0.0	0.3	0.0	0.8	1.2	24.4	0.5	17.1	50	7.0
12-31-2034	1	0.0	0.0	0.2	0.0	0.8	1.0	25.4	0.4	17.4		
12-31-2035	1	0.0	0.0	0.2	0.0	0.7	0.9	26.3	0.3	17.7		
12-31-2036	1	0.0	0.0	0.2	0.0	0.7	0.7	27.0	0.2	17.9		
12-31-2037	1	0.0	0.0	0.2	0.0	0.7	0.6	27.6	0.2	18.1		
12-31-2038	1	0.0	0.0	0.1	0.0	0.7	0.5	28.1	0.1	18.2		
SUBTOTAL			0.0	5.2	0.0	13.2	28.1	28.1	18.2	18.2		
REMAINING			0.0	0.5	0.9	3.4	0.0	0.0	0.1	18.2		
TOTAL OF 20.0 Y	RS		0.0	5.7	0.9	16.5	28.1	28.1	18.2	18.2		

Case Name: CARUS 3-28H API Number: 33-025-04049 NDIC FILE No: 37606 Reservoir: MIDDLE BAKKEN Perfs: 11740-21988

CTB No: 235547



Proj Oil Cum: 318.69 Mbbl Oil Rem: 41.96 Mbbl Oil EUR: 360.65 Mbbl Proj Gas Cum: 826.03 MMcf Gas Rem: 146.23 MMcf Gas EUR: 972.26 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.006246 INITIAL REVENUE INTEREST: 0.005425

PHDWIN ID: 50

CARUS 3-28H CEDAR COULEE

FIELD : RESERVOIR : COUNTY, STATE :

NAME:

MIDDLE BAKKEN DUNN, ND

OPERATOR: DUNN

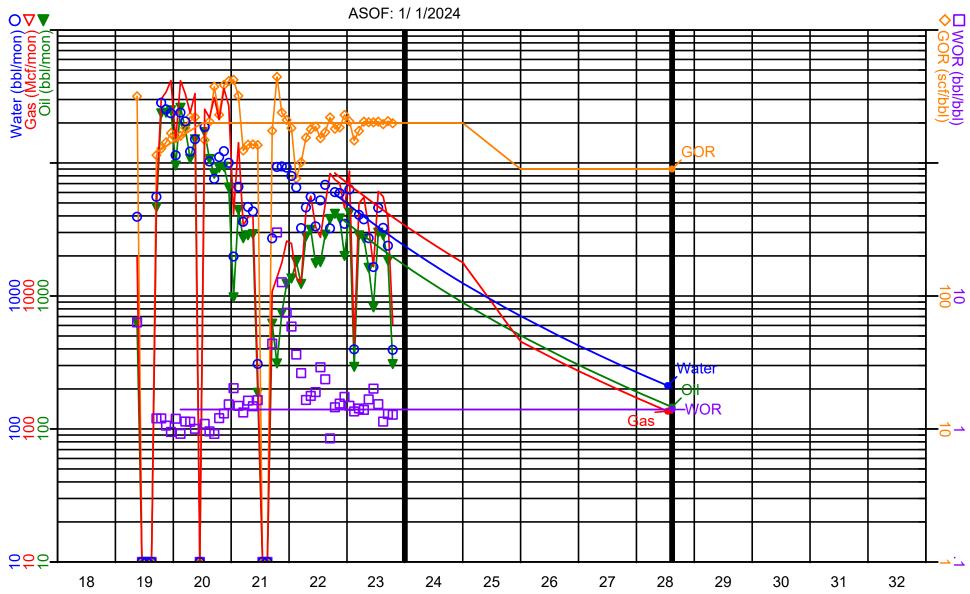
CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	22.1	0.0	110.6	0.1	0.0	0.6	78.670	0.000	2.929	9.4	0.0	1.7	11.1
12-31-2025	10.3	0.0	27.1	0.1	0.0	0.1	78.670	0.000	2.929	4.4	0.0	0.4	4.8
12-31-2026	5.4	0.0	4.8	0.0	0.0	0.0	78.670	0.000	2.929	2.3	0.0	0.1	2.4
12-31-2027	3.0	0.0	2.7	0.0	0.0	0.0	78.670	0.000	2.929	1.3	0.0	0.0	1.3
12-31-2028	1.1	0.0	1.0	0.0	0.0	0.0	78.670	0.000	2.929	0.5	0.0	0.0	0.5
12-31-2029	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	42.0	0.0	146.2	0.2	0.0	0.7	78.670	0.000	2.929	17.9	0.0	2.2	20.1
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	42.0	0.0	146.2	0.2	0.0	0.7	78.670	0.000	2.929	17.9	0.0	2.2	20.1
CUM PROD	318.7	0.0	826.0										
ULTIMATE	360.6	0.0	972.3										
			NE	T DEDUCTIONS/E	XPENDITURES			FUT	URE NET REVEN	UE			
				DOD IND	G + PITT + I	OPER IMPIG	LDIE	MOCOLINITED		DIGGOLDITED AT	100/	DDECENT WORK	II DD OFII F

				NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE -	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU		DISCOUNTE	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	1.1	0.0	1.3	8.7	8.7	8.3	8.3	0	13.1
12-31-2025	1	0.0	0.0	0.5	0.0	0.9	3.4	12.1	2.9	11.3	5	12.6
12-31-2026	1	0.0	0.0	0.3	0.0	0.8	1.3	13.5	1.0	12.3	8	12.3
12-31-2027	1	0.0	0.0	0.1	0.0	0.7	0.5	13.9	0.3	12.7	10	12.2
12-31-2028	1	0.0	0.0	0.1	0.0	0.4	0.1	14.0	0.0	12.7	12	12.0
12-31-2029	0	0.0	0.0	0.0	0.9	0.0	-0.9	13.1	-0.5	12.2	15	11.7
											20	11.3
											30	10.5
											40	9.8
											50	9.1
SUBTOTAL			0.0	2.1	0.9	4.0	13.1	13.1	12.2	12.2		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.2		
TOTAL OF 4.6 Y	RS		0.0	2.1	0.9	4.0	13.1	13.1	12.2	12.2		

Case Name: CARUS 4-28H1 API Number: 33-025-03590 NDIC FILE No: 35550 Reservoir: THREE FORKS 1 Perfs: 11909-22087

CTB No: 235547



Proj Oil Cum: 289.78 Mbbl Oil Rem: 31.89 Mbbl Oil EUR: 321.66 Mbbl Proj Gas Cum: 560.15 MMcf Gas Rem: 49.40 MMcf Gas EUR: 609.55 MMcf

#### 1/25/2024 12:00:00AM PROJECTION OF RESERVES AND REVENUE

AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.006246 INITIAL REVENUE INTEREST : 0.005425

PHDWIN ID: 51

CARUS 4-28H1 CEDAR COULEE

RESERVOIR: COUNTY, STATE:

NAME:

FIELD:

THREE FORKS 1 DUNN, ND

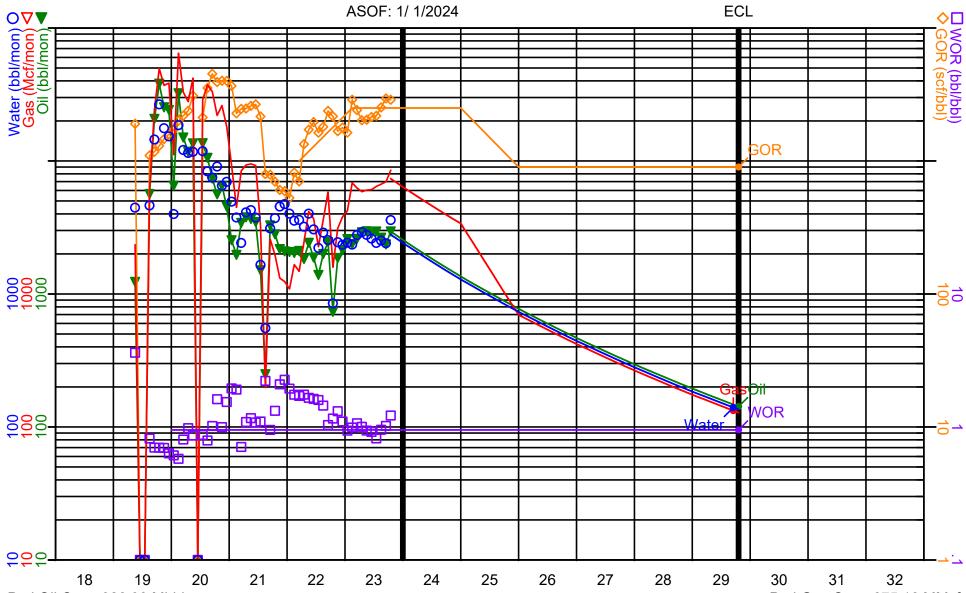
OPERATOR: CONTINENTAL RESOURCES

PERIOD	Gl	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	14.9	0.0	29.8	0.1	0.0	0.2	78.670	0.000	2.929	6.4	0.0	0.4	6.8
12-31-2025	8.1	0.0	11.6	0.0	0.0	0.1	78.670	0.000	2.929	3.5	0.0	0.2	3.6
12-31-2026	4.7	0.0	4.2	0.0	0.0	0.0	78.670	0.000	2.929	2.0	0.0	0.1	2.1
12-31-2027	2.9	0.0	2.6	0.0	0.0	0.0	78.670	0.000	2.929	1.2	0.0	0.0	1.3
12-31-2028	1.2	0.0	1.1	0.0	0.0	0.0	78.670	0.000	2.929	0.5	0.0	0.0	0.5
12-31-2029	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	31.9	0.0	49.4	0.2	0.0	0.3	78.670	0.000	2.929	13.6	0.0	0.7	14.3
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	31.9	0.0	49.4	0.2	0.0	0.3	78.670	0.000	2.929	13.6	0.0	0.7	14.3
CUM PROD	289.8	0.0	560.1	0.2	0.0	0.5	. 0.070	0.000	21,727	13.0	0.0	0.7	1.10
ULTIMATE	321.7	0.0	609.6										
CEIMAIL	321.7	0.0	007.0										

OLITIVIATE	321.7	· ·	007.	O .								
				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.7	0.0	1.2	4.9	4.9	4.7	4.7	0	7.8
12-31-2025	1	0.0	0.0	0.4	0.0	0.9	2.3	7.2	2.0	6.7	5	7.5
12-31-2026	1	0.0	0.0	0.2	0.0	0.8	1.1	8.3	0.8	7.5	8	7.4
12-31-2027	1	0.0	0.0	0.1	0.0	0.7	0.4	8.7	0.3	7.8	10	7.3
12-31-2028	1	0.0	0.0	0.1	0.0	0.4	0.1	8.7	0.0	7.8	12	7.2
12-31-2029	0	0.0	0.0	0.0	0.9	0.0	-0.9	7.8	-0.5	7.3	15	7.0
											20	6.8
											30	6.3
											40	5.8
											50	5.4
GLIDTOTA I			0.0	1.6	0.9	4.0	7.8	7.8	7.3	7.3		
SUBTOTAL			0.0	1.6								
REMAINING	m.a		0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3		
TOTAL OF 4.6 Y	(RS		0.0	1.6	0.9	4.0	7.8	7.8	7.3	7.3		

Case Name: CARUS 5-28H API Number: 33-025-03589 NDIC FILE No: 35549 Reservoir: MIDDLE BAKKEN Perfs: 11849-22011

CTB No: 235547



Proj Oil Cum: 328.93 Mbbl Oil Rem: 51.16 Mbbl Oil EUR: 380.08 Mbbl Proj Gas Cum: 675.16 MMcf Gas Rem: 91.31 MMcf Gas EUR: 766.47 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.006246 INITIAL REVENUE INTEREST: 0.005425

PHDWIN ID: 52

SUBTOTAL

REMAINING

TOTAL OF 5.8 YRS

NAME : FIELD : CARUS 5-28H CEDAR COULEE MIDDLE BAKKEN

RESERVOIR : COUNTY, STATE : OPERATOR :

DUNN, ND
CONTINENTAL RESOURCES

PERIOD		GROSS RESERVES		-	NET RESERVES		A	VERAGE PRICES	<u> </u>		GROSS RE	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	22.6	0.0	56.4	0.1	0.0	0.3	78.670	0.000	2.929	9.6	0.0	0.8	10.5
12-31-2025	12.4	0.0	20.3	0.1	0.0	0.1	78.670	0.000	2.929	5.3	0.0	0.3	5.6
12-31-2026	7.3	0.0	6.5	0.0	0.0	0.0	78.670	0.000	2.929	3.1	0.0	0.1	3.2
12-31-2027	4.5	0.0	4.0	0.0	0.0	0.0	78.670	0.000	2.929	1.9	0.0	0.1	2.0
12-31-2028	2.9	0.0	2.6	0.0	0.0	0.0	78.670	0.000	2.929	1.2	0.0	0.0	1.3
12-31-2029	1.6	0.0	1.4	0.0	0.0	0.0	78.670	0.000	2.929	0.7	0.0	0.0	0.7
12-31-2030	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0

SUBTOTAL	51.2	0.0	91.3	0.3	0.0	0.5	78.670	0.000	2.929	21.8	0.0	1.4	23.2
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	51.2	0.0	91.3	0.3	0.0	0.5	78.670	0.000	2.929	21.8	0.0	1.4	23.2
CUM PROD	328.9	0.0	675.2										
ULTIMATE	380.1	0.0	766.5										

		_		NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	NTED	DISCOUNTEI	O AT 10%	PRESENT WC	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	1.1	0.0	1.2	8.1	8.1	7.7	7.7	0	14.7
12-31-2025	1	0.0	0.0	0.6	0.0	1.0	4.0	12.1	3.5	11.2	5	14.0
12-31-2026	1	0.0	0.0	0.4	0.0	0.8	2.0	14.1	1.6	12.8	8	13.6
12-31-2027	1	0.0	0.0	0.2	0.0	0.7	1.0	15.2	0.7	13.5	10	13.3
12-31-2028	1	0.0	0.0	0.1	0.0	0.7	0.4	15.6	0.3	13.8	12	13.1
12-31-2029	1	0.0	0.0	0.1	0.0	0.5	0.1	15.7	0.1	13.8	15	12.7
12-31-2030	0	0.0	0.0	0.0	0.9	0.0	-0.9	14.7	-0.5	13.3	20	12.1
											30	11.0
											40	10.0
											50	9.2

0.0

0.0

0.0

2.5

0.0

2.5

0.9

0.0

0.9

5.0

0.0

5.0

14.7

0.0

14.7

14.7

0.0

14.7

13.3

0.0

13.3

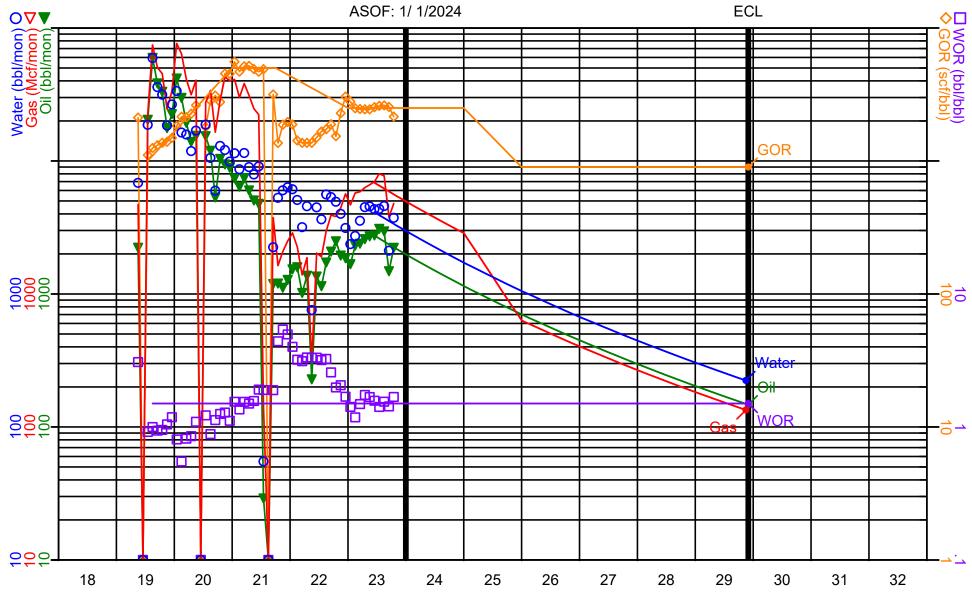
13.3

13.3

13.3

Case Name: CARUS 6-28H1 API Number: 33-025-03588 NDIC FILE No: 35548 Reservoir: THREE FORKS 1 Perfs: 11829-21880

CTB No: 235547



Proj Oil Cum: 463.43 Mbbl Oil Rem: 45.12 Mbbl Oil EUR: 508.55 Mbbl Proj Gas Cum: 1,000.42 MMcf Gas Rem: 77.78 MMcf Gas EUR: 1,078.20 MMcf

# PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.006246 INITIAL REVENUE INTEREST : 0.005425

PHDWIN ID: 53

AS OF JANUARY 1, 2024

CARUS 6-28H1 NAME: CEDAR COULEE FIELD: RESERVOIR: THREE FORKS 1 COUNTY, STATE:

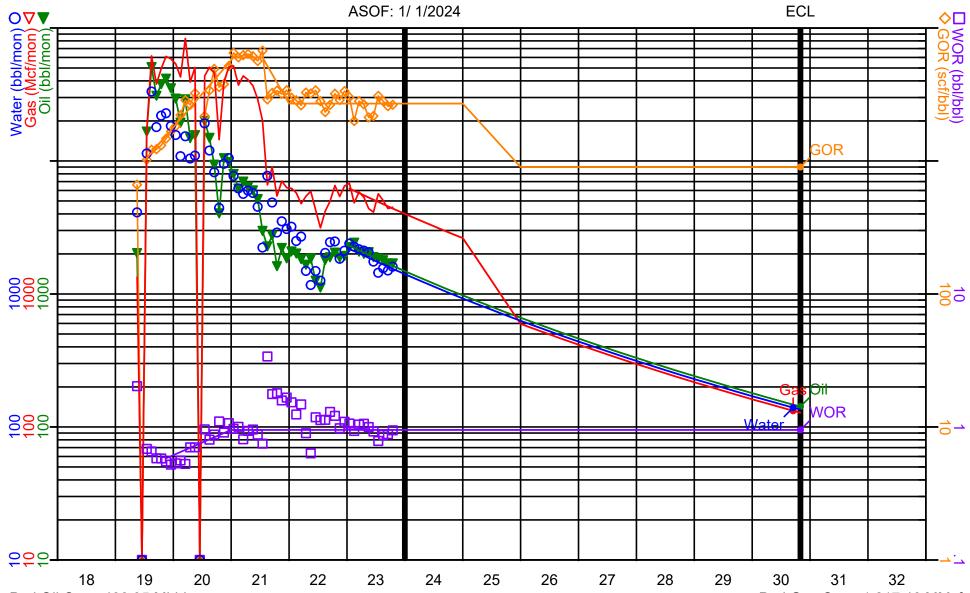
DUNN, ND CONTINENTAL RESOURCES OPERATOR:

PERIOD	G	ROSS RESERVES		N	NET RESERVES		AV	VERAGE PRICES	<u> </u>		GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	18.3	0.0	45.7	0.1	0.0	0.2	78.670	0.000	2.929	7.8	0.0	0.7	8.5
12-31-2025	10.8	0.0	17.7	0.1	0.0	0.1	78.670	0.000	2.929	4.6	0.0	0.3	4.9
12-31-2026	6.8	0.0	6.1	0.0	0.0	0.0	78.670	0.000	2.929	2.9	0.0	0.1	3.0
12-31-2027	4.4	0.0	4.0	0.0	0.0	0.0	78.670	0.000	2.929	1.9	0.0	0.1	1.9
12-31-2028	3.0	0.0	2.7	0.0	0.0	0.0	78.670	0.000	2.929	1.3	0.0	0.0	1.3
12-31-2029	1.9	0.0	1.7	0.0	0.0	0.0	78.670	0.000	2.929	0.8	0.0	0.0	0.8
12-31-2030	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	45.1	0.0	77.8	0.2	0.0	0.4	78.670	0.000	2.929	19.3	0.0	1.2	20.4
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	45.1	0.0	77.8	0.2	0.0	0.4	78.670	0.000	2.929	19.3	0.0	1.2	20.4
CUM PROD	463.4	0.0	1,000.4										
ULTIMATE	508.6	0.0	1,078.2										

				NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	FACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.9	0.0	1.3	6.2	6.2	5.9	5.9	0	11.8
12-31-2025	1	0.0	0.0	0.5	0.0	1.0	3.3	9.5	2.9	8.8	5	11.2
12-31-2026	1	0.0	0.0	0.3	0.0	0.9	1.8	11.3	1.4	10.2	8	10.9
12-31-2027	1	0.0	0.0	0.2	0.0	0.8	0.9	12.2	0.7	10.8	10	10.7
12-31-2028	1	0.0	0.0	0.1	0.0	0.7	0.4	12.7	0.3	11.1	12	10.5
12-31-2029	1	0.0	0.0	0.1	0.0	0.6	0.1	12.8	0.1	11.2	15	10.2
12-31-2030	0	0.0	0.0	0.0	0.9	0.0	-0.9	11.8	-0.5	10.7	20	9.6
											30	8.7
											40	8.0
											50	7.3
SUBTOTAL			0.0	2.2	0.9	5.4	11.8	11.8	10.7	10.7		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7		
TOTAL OF 5.9 YR	RS		0.0	2.2	0.9	5.4	11.8	11.8	10.7	10.7		

Case Name: CARUS 7-28H API Number: 33-025-03587 NDIC FILE No: 35547 Reservoir: MIDDLE BAKKEN Perfs: 11693-21937

CTB No: 235547



Proj Oil Cum: 488.35 Mbbl Oil Rem: 42.99 Mbbl Oil EUR: 531.33 Mbbl Proj Gas Cum: 1,217.46 MMcf Gas Rem: 72.49 MMcf Gas EUR: 1,289.95 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.006246 INITIAL REVENUE INTEREST : 0.005425

PHDWIN ID: 54

CARUS 7-28H

FIELD: RESERVOIR: COUNTY, STATE:

NAME:

CEDAR COULEE MIDDLE BAKKEN

DUNN, ND CONTINENTAL RESOURCES OPERATOR:

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	14.5	0.0	39.2	0.1	0.0	0.2	78.670	0.000	2.929	6.2	0.0	0.6	6.8
12-31-2025	9.7	0.0	16.4	0.1	0.0	0.1	78.670	0.000	2.929	4.1	0.0	0.2	4.4
12-31-2026	6.6	0.0	6.0	0.0	0.0	0.0	78.670	0.000	2.929	2.8	0.0	0.1	2.9
12-31-2027	4.7	0.0	4.2	0.0	0.0	0.0	78.670	0.000	2.929	2.0	0.0	0.1	2.1
12-31-2028	3.4	0.0	3.1	0.0	0.0	0.0	78.670	0.000	2.929	1.5	0.0	0.0	1.5
12-31-2029	2.5	0.0	2.2	0.0	0.0	0.0	78.670	0.000	2.929	1.1	0.0	0.0	1.1
12-31-2030	1.6	0.0	1.4	0.0	0.0	0.0	78.670	0.000	2.929	0.7	0.0	0.0	0.7
12-31-2031	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUPTOTAL	42.0		72.5	0.2	0.0	0.4	79 (70	0.000	2.020	10.2	0.0		10.4
SUBTOTAL	43.0	0.0	72.5	0.2	0.0	0.4	78.670	0.000	2.929	18.3	0.0	1.1	19.4
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	43.0	0.0	72.5	0.2	0.0	0.4	78.670	0.000	2.929	18.3	0.0	1.1	19.4
CUM PROD	488.3	0.0	1,217.5										
ULTIMATE	531.3	0.0	1,289.9										

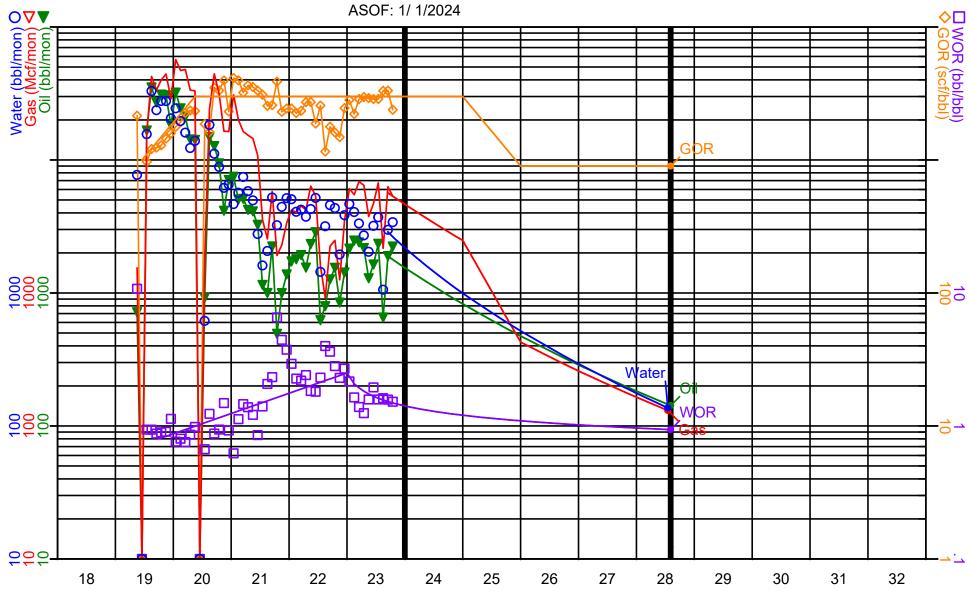
		_	-,									
				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.7	0.0	1.0	5.0	5.0	4.8	4.8	0	11.0
12-31-2025	1	0.0	0.0	0.5	0.0	0.9	3.0	8.0	2.6	7.4	5	10.3
12-31-2026	1	0.0	0.0	0.3	0.0	0.8	1.8	9.8	1.4	8.8	8	10.0
12-31-2027	1	0.0	0.0	0.2	0.0	0.7	1.1	10.9	0.8	9.5	10	9.7
12-31-2028	1	0.0	0.0	0.2	0.0	0.7	0.6	11.5	0.4	9.9	12	9.5
12-31-2029	1	0.0	0.0	0.1	0.0	0.7	0.3	11.8	0.2	10.1	15	9.1
12-31-2030	1	0.0	0.0	0.1	0.0	0.6	0.1	11.9	0.0	10.1	20	8.6
12-31-2031	0	0.0	0.0	0.0	0.9	0.0	-0.9	11.0	-0.4	9.7	30	7.7
											40	6.9
											50	6.2
SUBTOTAL			0.0	2.1	0.9	5.4	11.0	11.0	9.7	9.7		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7		
TOTAL OF 6.8 YF	RS		0.0	2.1	0.9	5.4	11.0	11.0	9.7	9.7		
			0.0	2.1	0.5	2	11.0	1110	, , , , , , , , , , , , , , , , , , ,	2.,		

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3P Filter

Case Name: CARUS 8-28H1 API Number: 33-025-03591 NDIC FILE No: 35575 Reservoir: THREE FORKS 1 Perfs: 11863-22117

CTB No: 235547



Proj Oil Cum: 392.25 Mbbl Oil Rem: 29.66 Mbbl Oil EUR: 421.91 Mbbl Proj Gas Cum: 791.19 MMcf Gas Rem: 62.64 MMcf Gas EUR: 853.83 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

0.2

0.1

OIL

\$/BBL

78.670

78.670

GAS

MMCF

AVERAGE PRICES

NGL

\$/GAL

0.000

0.000

GAS

\$/MCF

2.929

2.929

NET RESERVES

NGL

MGAL

0.0

0.0

ANDRESS SANDEFER ET AL CURRENT INTEREST

GROSS RESERVES

NGL

MGAL

0.0

0.0

GAS

MMCF

41.2

13.9

OIL

MBBL

0.1

0.0

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.006246 INITIAL REVENUE INTEREST: 0.005425

OIL

MBBL

13.7

7.6

PHDWIN ID: 55 PERIOD

**ENDING** 

M-D-Y

12-31-2024

12-31-2025

SUBTOTAL

REMAINING

TOTAL OF 4.6 YRS

CARUS 8-28H1 NAME: CEDAR COULEE FIELD: RESERVOIR: THREE FORKS 1 COUNTY, STATE: DUNN, ND

OPERATOR:

OIL

M\$

5.9

3.2

CONTINENTAL RESOURCES NGL

M\$

GROSS REVENUE

0.0

0.0

GAS

M\$

0.6

0.2

TOTAL

M\$

6.5

3.4

12 31 2023	7.0	,		., 0.0	0.0	0.1	70.070	0.000	2.727	3.2	0.0	0.2	
12-31-2026	4.5	(	0.0 4	.0 0.0	0.0	0.0	78.670	0.000	2.929	1.9	0.0	0.1	2.0
12-31-2027	2.8	(	0.0		0.0	0.0	78.670	0.000	2.929	1.2	0.0	0.0	1.2
12-31-2028	1.1			.0 0.0	0.0	0.0	78.670	0.000	2.929	0.5	0.0		
12-31-2029	0.0	(	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	29.7	(	0.0 62	0.2	0.0	0.3	78.670	0.000	2.929	12.7	0.0	0.9	13.6
REMAINING	0.0	(	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	29.7	(	0.0 62	0.2	0.0	0.3	78.670	0.000	2.929	12.7	0.0	0.9	13.6
CUM PROD	392.2	(	0.0 791	.2									
ULTIMATE	421.9	(	0.0 853	.8									
				NET DEDUCTIONS	/EXPENDITURES				NET REVENUE				
PERIOD	NUMBER OF A	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISC	OUNTED	DISCO	OUNTED AT 10%		PRESENT WO	ORTH PROFILE
ENDING	COMPLETI		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUN		DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$		%	M\$
12-31-2024	1	0.0	0.0	0.7	0.0	1.1	4.7	4.	7	4.5	4.5	0	7.4
12-31-2025	1	0.0	0.0	0.4	0.0	0.9	2.2	6.	9	1.9	6.4	5	7.2
12-31-2026	1	0.0	0.0	0.2	0.0	0.8	1.0	7.	9	0.8	7.1	8	7.0
12-31-2027	1	0.0	0.0	0.1	0.0	0.7	0.4	8.	3	0.3	7.4	10	6.9
12-31-2028	1	0.0	0.0	0.1	0.0	0.4	0.1	8.	3	0.0	7.5	12	6.8
12-31-2029	0	0.0	0.0	0.0	0.9	0.0	-0.9	7.	4 -	0.5	6.9	15	6.7
12 31 2029	· ·	0.0	0.0	0.0	0.5	0.0	0.5	· ·	•	0.0	0.5	20	6.4
												30	6.0
												40	5.5
												50	5.1
												30	5.1

0.0

0.0

0.0

1.5

0.0

1.5

0.9

0.0

0.9

3.8

0.0

3.8

7.4

0.0

7.4

7.4

0.0

7.4

6.9

0.0

6.9

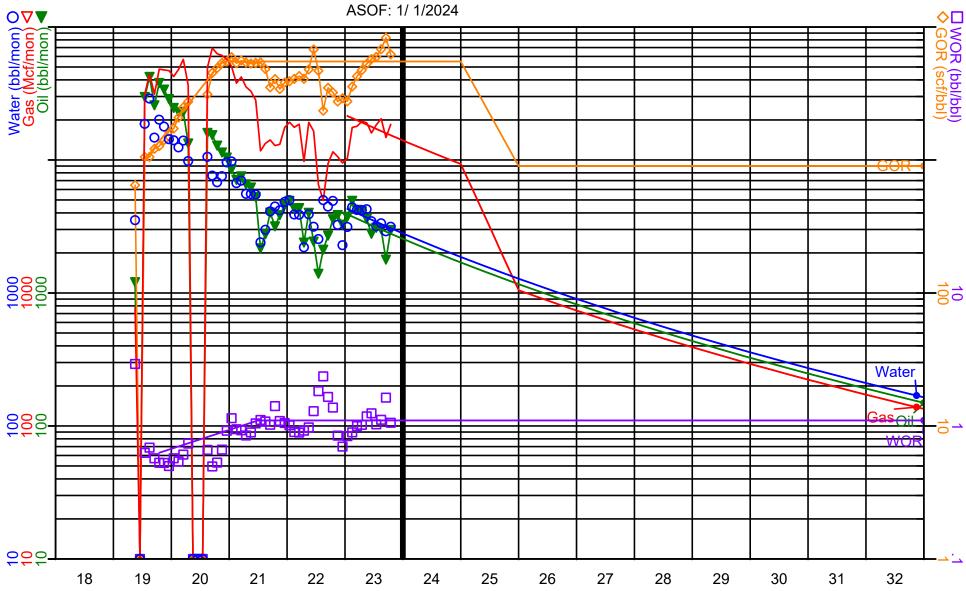
6.9

6.9

6.9

Case Name: CARUS 9-28H API Number: 33-025-03592 NDIC FILE No: 35576 Reservoir: MIDDLE BAKKEN Perfs: 11738-21970

CTB No: 235547



Proj Oil Cum: 489.45 Mbbl Oil Rem: 81.07 Mbbl Oil EUR: 570.53 Mbbl Proj Gas Cum: 1,398.35 MMcf Gas Rem: 218.48 MMcf Gas EUR: 1,616.83 MMcf

# PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.006246 INITIAL REVENUE INTEREST : 0.005425

PHDWIN ID: 56

AS OF JANUARY 1, 2024

CARUS 9-28H NAME: CEDAR COULEE FIELD: RESERVOIR: MIDDLE BAKKEN COUNTY, STATE:

OPERATOR:

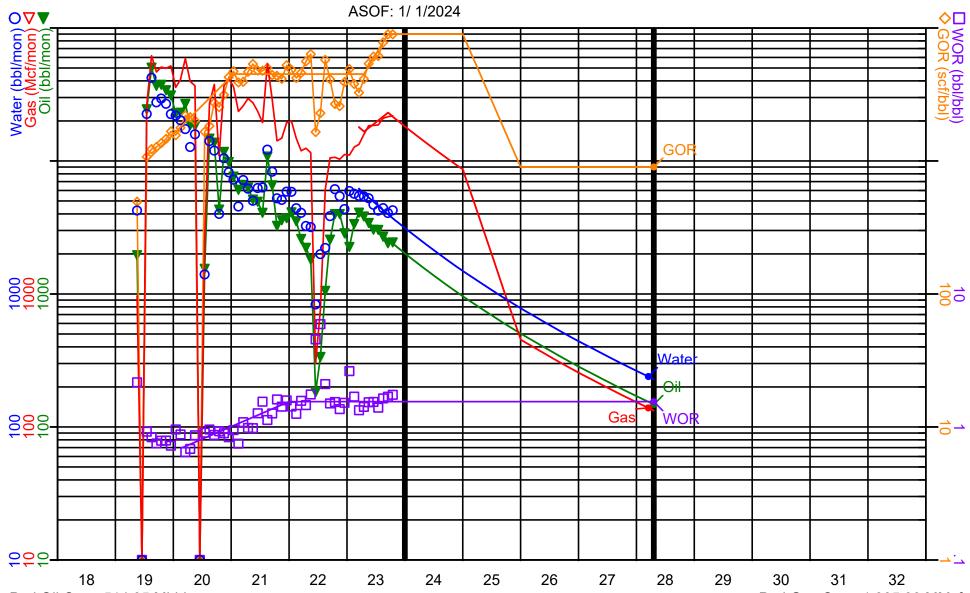
DUNN, ND CONTINENTAL RESOURCES

PERIOD	Gl	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	25.1	0.0	138.0	0.1	0.0	0.7	78.670	0.000	2.929	10.7	0.0	2.1	12.8
12-31-2025	16.9	0.0	45.3	0.1	0.0	0.2	78.670	0.000	2.929	7.2	0.0	0.7	7.9
12-31-2026	11.7	0.0	10.6	0.1	0.0	0.1	78.670	0.000	2.929	5.0	0.0	0.2	5.2
12-31-2027	8.4	0.0	7.5	0.0	0.0	0.0	78.670	0.000	2.929	3.6	0.0	0.1	3.7
12-31-2028	6.1	0.0	5.5	0.0	0.0	0.0	78.670	0.000	2.929	2.6	0.0	0.1	2.7
12-31-2029	4.5	0.0	4.1	0.0	0.0	0.0	78.670	0.000	2.929	1.9	0.0	0.1	2.0
12-31-2030	3.4	0.0	3.1	0.0	0.0	0.0	78.670	0.000	2.929	1.5	0.0	0.0	1.5
12-31-2031	2.6	0.0	2.4	0.0	0.0	0.0	78.670	0.000	2.929	1.1	0.0	0.0	1.1
12-31-2032	2.0	0.0	1.8	0.0	0.0	0.0	78.670	0.000	2.929	0.9	0.0	0.0	0.9
12-31-2033	0.3	0.0	0.3	0.0	0.0	0.0	78.670	0.000	2.929	0.1	0.0	0.0	0.1
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	81.1	0.0	218.5	0.4	0.0	1.1	78.670	0.000	2.929	34.6	0.0	3.3	37.9
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	81.1	0.0	218.5	0.4	0.0	1.1	78.670	0.000	2.929	34.6	0.0	3.3	37.9
CUM PROD	489.5	0.0	1,398.4										
ULTIMATE	570.5	0.0	1,616.8										

				NET DEDUCTIONS	E/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	1.3	0.0	1.4	10.1	10.1	9.6	9.6	0	24.7
12-31-2025	1	0.0	0.0	0.8	0.0	1.1	5.9	16.0	5.1	14.7	5	22.7
12-31-2026	1	0.0	0.0	0.6	0.0	1.0	3.6	19.6	2.8	17.5	8	21.7
12-31-2027	1	0.0	0.0	0.4	0.0	0.9	2.4	22.0	1.7	19.2	10	21.0
12-31-2028	1	0.0	0.0	0.3	0.0	0.8	1.6	23.6	1.0	20.2	12	20.3
12-31-2029	1	0.0	0.0	0.2	0.0	0.8	1.0	24.6	0.6	20.8	15	19.4
12-31-2030	1	0.0	0.0	0.2	0.0	0.7	0.6	25.2	0.3	21.1	20	18.1
12-31-2031	1	0.0	0.0	0.1	0.0	0.7	0.3	25.5	0.2	21.3	30	15.8
12-31-2032	1	0.0	0.0	0.1	0.0	0.7	0.1	25.6	0.0	21.3	40	14.0
12-31-2033	1	0.0	0.0	0.0	0.0	0.1	0.0	25.7	0.0	21.3	50	12.6
12-31-2034	0	0.0	0.0	0.0	0.9	0.0	-0.9	24.7	-0.3	21.0		
SUBTOTAL			0.0	4.0	0.9	8.2	24.7	24.7	21.0	21.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0		
TOTAL OF 9.2 YI	RS		0.0	4.0	0.9	8.2	24.7	24.7	21.0	21.0		

Case Name: CARUS 10-28H1 API Number: 33-025-03593 NDIC FILE No: 35577 Reservoir: THREE FORKS 1 Perfs: 11752-22022

CTB No: 235547



Proj Oil Cum: 514.05 Mbbl Oil Rem: 33.22 Mbbl Oil EUR: 547.27 Mbbl Proj Gas Cum: 1,305.99 MMcf Gas Rem: 192.95 MMcf Gas EUR: 1,498.95 MMcf

# PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.006246 INITIAL REVENUE INTEREST : 0.005425

PHDWIN ID: 57

AS OF JANUARY 1, 2024

CARUS 10-28H1 NAME: CEDAR COULEE FIELD: RESERVOIR: THREE FORKS 1 COUNTY, STATE:

OPERATOR:

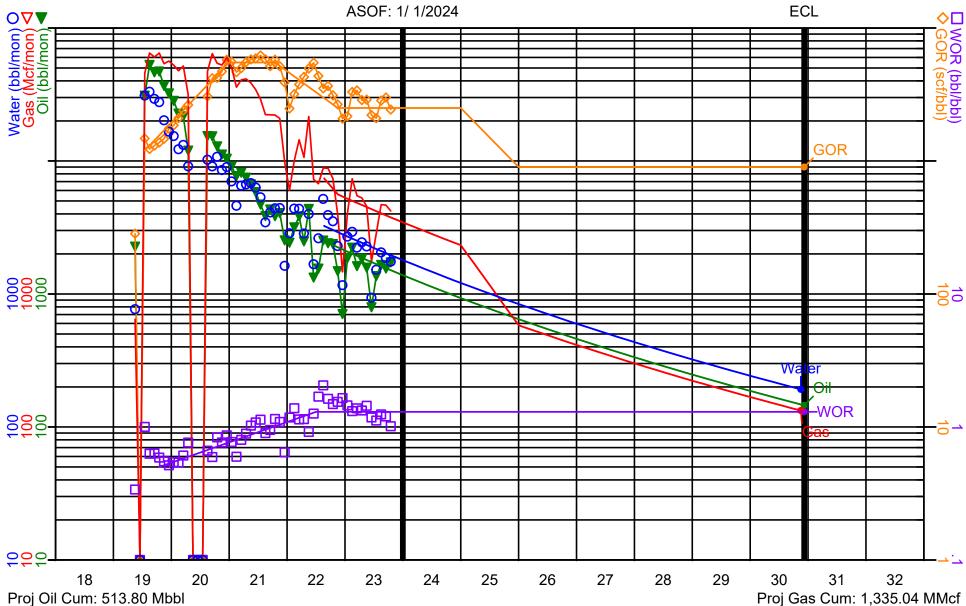
DUNN, ND CONTINENTAL RESOURCES

PERIOD	GROSS	RESERVES			NET RESERVES		AV	ERAGE PRICES			GROSS RE	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL N	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	17.0	0.0	152.8	0.1	0.0	0.8	78.670	0.000	2.929	7.2	0.0	2.3	9.5
12-31-2025	8.4	0.0	33.1	0.0	0.0	0.2	78.670	0.000	2.929	3.6	0.0	0.5	4.1
12-31-2026	4.6	0.0	4.1	0.0	0.0	0.0	78.670	0.000	2.929	2.0	0.0	0.1	2.0
12-31-2027	2.7	0.0	2.4	0.0	0.0	0.0	78.670	0.000	2.929	1.1	0.0	0.0	1.2
12-31-2028	0.6	0.0	0.5	0.0	0.0	0.0	78.670	0.000	2.929	0.2	0.0	0.0	0.3
12-31-2029	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL REMAINING	33.2 0.0	0.0 0.0	193.0 0.0	0.2 0.0	0.0 0.0	1.0 0.0	78.670 0.000	0.000 0.000	2.929 0.000	14.2 0.0	0.0 0.0	2.9 0.0	17.1 0.0
TOTAL	33.2	0.0	193.0	0.2	0.0	1.0	78.670	0.000	2.929	14.2	0.0	2.9	17.1
CUM PROD	514.0	0.0	1,306.0										
ULTIMATE	547.3	0.0	1,498.9										
			NE	T DEDUCTIONS/E	XPENDITURES			FUT	URE NET REVEN	UE			
PERIOD	PERIOD NUMBER OF ACTIVE		NET I	PROD AND	CAPITAL	OPERATING	UND	ISCOUNTED		DISCOUNTED AT 10%	ó	PRESENT WORTH	H PROFILE

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU		DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.9	0.0	1.3	7.3	7.3	7.0	7.0	0	10.4
12-31-2025	1	0.0	0.0	0.4	0.0	1.0	2.7	10.0	2.3	9.3	5	10.1
12-31-2026	1	0.0	0.0	0.2	0.0	0.8	1.0	11.0	0.8	10.1	8	9.9
12-31-2027	1	0.0	0.0	0.1	0.0	0.7	0.3	11.3	0.2	10.3	10	9.8
12-31-2028	1	0.0	0.0	0.0	0.0	0.2	0.0	11.3	0.0	10.3	12	9.6
12-31-2029	0	0.0	0.0	0.0	0.9	0.0	-0.9	10.4	-0.6	9.8	15	9.5
											20	9.1
											30	8.5
											40	8.0
											50	7.5
SUBTOTAL			0.0	1.7	0.9	4.1	10.4	10.4	9.8	9.8		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8		
TOTAL OF 4.3 Y	/RS		0.0	1.7	0.9	4.1	10.4	10.4	9.8	9.8		

Case Name: CARUS 11-28H API Number: 33-025-03594 NDIC FILE No: 35578 Reservoir: MIDDLE BAKKEN Perfs: 11696-21969

CTB No: 235547



Oil Rem: 42.16 Mbbl Oil EUR: 555.96 Mbbl Proj Gas Cum: 1,335.04 MMcf Gas Rem: 66.50 MMcf Gas EUR: 1,401.54 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.006246 INITIAL REVENUE INTEREST : 0.005425

PHDWIN ID: 58

NAME: FIELD:

CARUS 11-28H CEDAR COULEE MIDDLE BAKKEN

RESERVOIR: COUNTY, STATE: OPERATOR:

DUNN, ND

CONTINENTAL RESOURCES

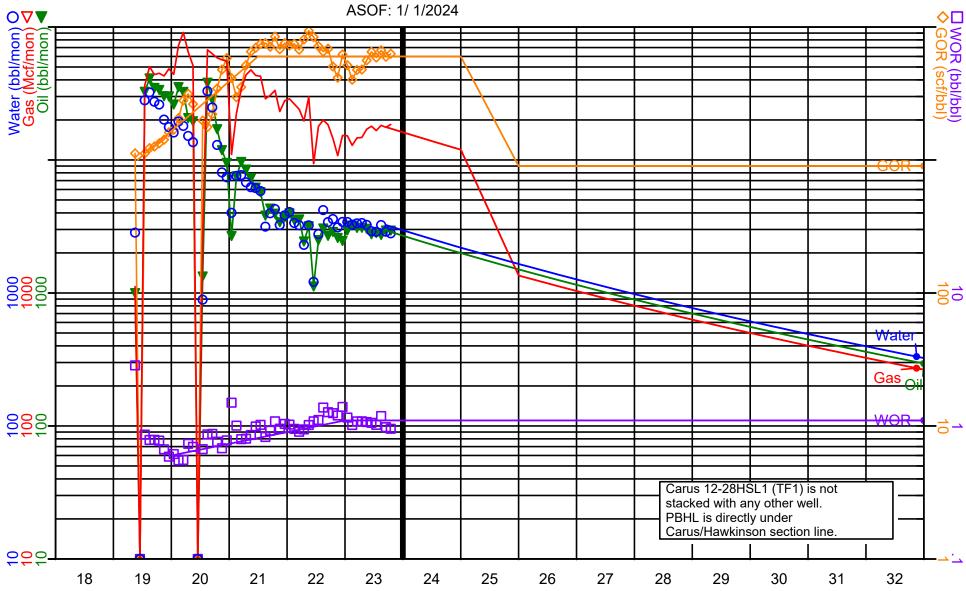
GROSS REVENUE

PERIOD	Gl	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	VENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	13.7	0.0	34.2	0.1	0.0	0.2	78.670	0.000	2.929	5.8	0.0	0.5	6.4
12-31-2025	9.3	0.0	15.1	0.1	0.0	0.1	78.670	0.000	2.929	4.0	0.0	0.2	4.2
12-31-2026	6.6	0.0	5.9	0.0	0.0	0.0	78.670	0.000	2.929	2.8	0.0	0.1	2.9
12-31-2027	4.7	0.0	4.2	0.0	0.0	0.0	78.670	0.000	2.929	2.0	0.0	0.1	2.1
12-31-2028	3.5	0.0	3.1	0.0	0.0	0.0	78.670	0.000	2.929	1.5	0.0	0.0	1.5
12-31-2029	2.6	0.0	2.3	0.0	0.0	0.0	78.670	0.000	2.929	1.1	0.0	0.0	1.1
12-31-2030	1.8	0.0	1.7	0.0	0.0	0.0	78.670	0.000	2.929	0.8	0.0	0.0	0.8
12-31-2031	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	42.2	0.0	66.5	0.2	0.0	0.3	78.670	0.000	2.929	18.0	0.0	1.0	19.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	42.2	0.0	66.5	0.2	0.0	0.3	78.670	0.000	2.929	18.0	0.0	1.0	19.0
CUM PROD	513.8	0.0	1,335.0										
ULTIMATE	556.0	0.0	1,401.5										

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.7	0.0	1.1	4.6	4.6	4.4	4.4	0	10.2
12-31-2025	1	0.0	0.0	0.5	0.0	0.9	2.8	7.4	2.4	6.8	5	9.6
12-31-2026	1	0.0	0.0	0.3	0.0	0.8	1.7	9.1	1.3	8.1	8	9.3
12-31-2027	1	0.0	0.0	0.2	0.0	0.8	1.1	10.1	0.7	8.8	10	9.0
12-31-2028	1	0.0	0.0	0.2	0.0	0.7	0.6	10.8	0.4	9.2	12	8.8
12-31-2029	1	0.0	0.0	0.1	0.0	0.7	0.3	11.1	0.2	9.4	15	8.5
12-31-2030	1	0.0	0.0	0.1	0.0	0.6	0.1	11.1	0.0	9.5	20	8.0
12-31-2031	0	0.0	0.0	0.0	0.9	0.0	-0.9	10.2	-0.4	9.0	30	7.1
											40	6.4
											50	5.7
SUBTOTAL			0.0	2.1	0.9	5.8	10.2	10.2	9.0	9.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0		
TOTAL OF 6.9 YE	RS		0.0	2.1	0.9	5.8	10.2	10.2	9.0	9.0		
					***							

Case Name: CARUS 12-28HSL1 API Number: 33-025-03596 NDIC FILE No: 35587 Reservoir: THREE FORKS 1 Perfs: 11793-22018

CTB No: 235547



Proj Oil Cum: 579.12 Mbbl Oil Rem: 117.74 Mbbl Oil EUR: 696.86 Mbbl Proj Gas Cum: 1,714.26 MMcf Gas Rem: 287.81 MMcf Gas EUR: 2,002.08 MMcf

### PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

All estimates and exhibits are part of this report and subject to its parameters and conditions.

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.044015 INITIAL REVENUE INTEREST : 0.037041

PHDWIN ID: 31

AS OF JANUARY 1, 2024

CARUS 12-28HSL1 NAME: CEDAR COULEE FIELD: RESERVOIR: THREE FORKS 1 COUNTY, STATE: DUNN, ND

OPERATOR: CONTINENTAL RESOURCES

1112	3.									or Ere ir ore .	COLLINIE	IL RESCONCES	
PERIOD	G	ROSS RESERVES			NET RESERVES		A	VERAGE PRICES			GROSS REV	/ENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	27.9	0.0	167.4	1.0	0.0	5.8	78.670	0.000	2.929	81.3	0.0	17.1	98.4
12-31-2025	20.8	0.0	58.3	0.8	0.0	2.0	78.670	0.000	2.929	60.6	0.0	5.9	66.5
12-31-2026	15.8	0.0	14.2	0.6	0.0	0.5	78.670	0.000	2.929	46.0	0.0	1.4	47.4
12-31-2027	12.2	0.0	10.9	0.5	0.0	0.4	78.670	0.000	2.929	35.4	0.0	1.1	36.5
12-31-2028	9.5	0.0	8.6	0.4	0.0	0.3	78.670	0.000	2.929	27.7	0.0	0.9	28.6
12-31-2029	7.5	0.0	6.7	0.3	0.0	0.2	78.670	0.000	2.929	21.8	0.0	0.7	22.5
12-31-2030	6.0	0.0	5.4	0.2	0.0	0.2	78.670	0.000	2.929	17.4	0.0	0.5	18.0
12-31-2031	4.8	0.0	4.3	0.2	0.0	0.2	78.670	0.000	2.929	14.0	0.0	0.4	14.5
12-31-2032	3.9	0.0	3.5	0.1	0.0	0.1	78.670	0.000	2.929	11.4	0.0	0.4	11.8
12-31-2033	3.2	0.0	2.9	0.1	0.0	0.1	78.670	0.000	2.929	9.4	0.0	0.3	9.6
12-31-2034	2.7	0.0	2.4	0.1	0.0	0.1	78.670	0.000	2.929	7.7	0.0	0.2	8.0
12-31-2035	2.2	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	6.4	0.0	0.2	6.6
12-31-2036	1.3	0.0	1.2	0.0	0.0	0.0	78.670	0.000	2.929	3.9	0.0	0.1	4.0
12-31-2037	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	117.7	0.0	287.8	4.4	0.0	10.0	78.670	0.000	2.929	343.1	0.0	29.4	372.4
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	117.7	0.0	287.8	4.4	0.0	10.0	78.670	0.000	2.929	343.1	0.0	29.4	372.4
CUM PROD	579.1	0.0	1,714.3										
ULTIMATE	696.9	0.0	2,002.1										

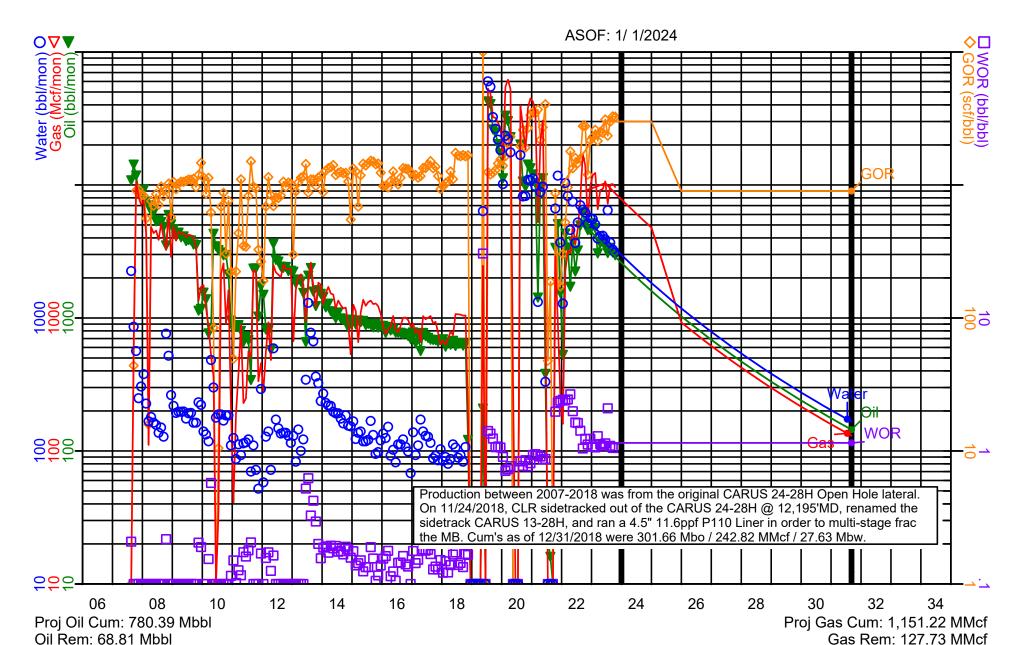
				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCO	UNTED	DISCOUNTE	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	9.6	0.0	10.7	78.1	78.1	74.2	74.2	0	244.9
12-31-2025	1	0.0	0.0	7.0	0.0	8.9	50.6	128.7	43.6	117.8	5	217.5
12-31-2026	1	0.0	0.0	5.3	0.0	7.7	34.4	163.1	26.8	144.6	8	203.3
12-31-2027	1	0.0	0.0	4.1	0.0	7.0	25.5	188.6	18.0	162.5	10	194.8
12-31-2028	1	0.0	0.0	3.2	0.0	6.4	19.0	207.6	12.1	174.7	12	186.8
12-31-2029	1	0.0	0.0	2.5	0.0	6.0	14.0	221.6	8.1	182.8	15	176.0
12-31-2030	1	0.0	0.0	2.0	0.0	5.6	10.3	231.9	5.4	188.2	20	160.3
12-31-2031	1	0.0	0.0	1.6	0.0	5.4	7.5	239.4	3.5	191.7	30	135.9
12-31-2032	1	0.0	0.0	1.3	0.0	5.2	5.3	244.6	2.3	193.9	40	117.9
12-31-2033	1	0.0	0.0	1.1	0.0	5.1	3.5	248.1	1.4	195.3	50	104.2
12-31-2034	1	0.0	0.0	0.9	0.0	4.9	2.1	250.3	0.8	196.0		
12-31-2035	1	0.0	0.0	0.7	0.0	4.8	1.0	251.3	0.3	196.4		
12-31-2036	1	0.0	0.0	0.4	0.0	3.3	0.2	251.5	0.1	196.4		
12-31-2037	0	0.0	0.0	0.0	6.6	0.0	-6.6	244.9	-1.7	194.8		
SUBTOTAL			0.0	39.9	6.6	81.0	244.9	244.9	194.8	194.8		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	194.8		
TOTAL OF 12.7 Y	'RS		0.0	39.9	6.6	81.0	244.9	244.9	194.8	194.8		

Case Name: CARUS 13-28H API Number: 33-025-00632 NDIC FILE No: 16648

Oil EUR: 849.20 Mbbl

Reservoir: MIDDLE BAKKEN Perfs: 12012-21268

CTB No: 235547



E88

Gas EUR: 1,278.95 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.006246 INITIAL REVENUE INTEREST : 0.005403

PHDWIN ID: 59

NAME: FIELD:

CARUS 13-28H CEDAR COULEE MIDDLE BAKKEN

RESERVOIR: COUNTY, STATE:

OPERATOR:

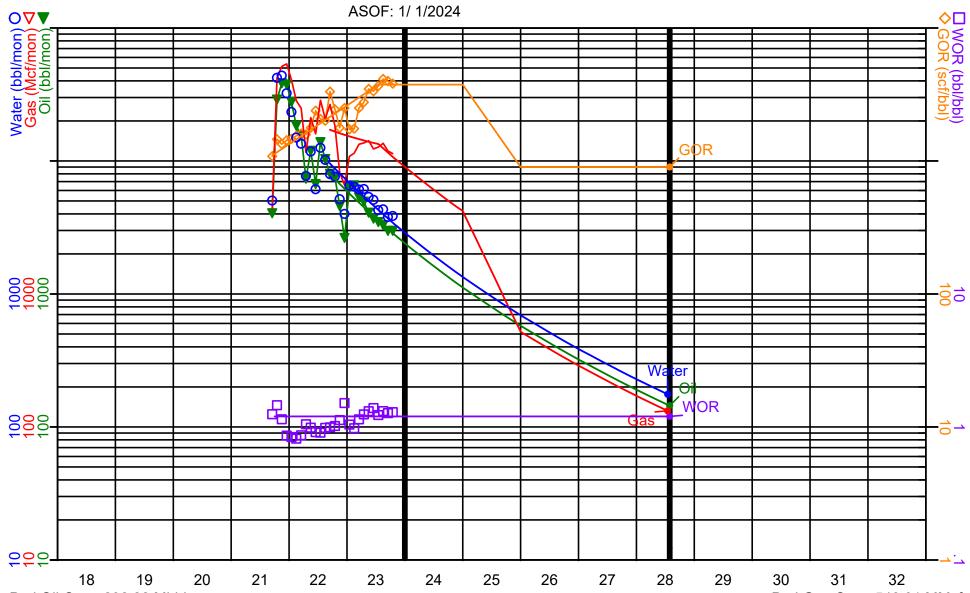
DUNN, ND CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	24.6	0.0	73.7	0.1	0.0	0.4	78.670	0.000	2.929	10.4	0.0	1.1	11.5
12-31-2025	15.4	0.0	28.1	0.1	0.0	0.1	78.670	0.000	2.929	6.5	0.0	0.4	7.0
12-31-2026	10.1	0.0	9.1	0.1	0.0	0.0	78.670	0.000	2.929	4.3	0.0	0.1	4.4
12-31-2027	6.8	0.0	6.1	0.0	0.0	0.0	78.670	0.000	2.929	2.9	0.0	0.1	3.0
12-31-2028	4.8	0.0	4.3	0.0	0.0	0.0	78.670	0.000	2.929	2.0	0.0	0.1	2.1
12-31-2029	3.4	0.0	3.0	0.0	0.0	0.0	78.670	0.000	2.929	1.4	0.0	0.0	1.5
12-31-2030	2.5	0.0	2.2	0.0	0.0	0.0	78.670	0.000	2.929	1.0	0.0	0.0	1.1
12-31-2031	1.3	0.0	1.2	0.0	0.0	0.0	78.670	0.000	2.929	0.6	0.0	0.0	0.6
12-31-2032	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	68.8	0.0	127.7	0.4	0.0	0.6	78.670	0.000	2.929	29.2	0.0	1.9	31.1
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	68.8	0.0	127.7	0.4	0.0	0.6	78.670	0.000	2.929	29.2	0.0	1.9	31.1
CUM PROD	780.4	0.0	1,151.2										
ULTIMATE	849.2	0.0	1,279.0										

CETHWEITE	019.2	· ·	.0 1,277.	0								
		_		NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	1.2	0.0	1.4	8.9	8.9	8.5	8.5	0	19.9
12-31-2025	1	0.0	0.0	0.8	0.0	1.1	5.1	14.0	4.4	12.9	5	18.5
12-31-2026	1	0.0	0.0	0.5	0.0	0.9	3.0	17.0	2.3	15.2	8	17.8
12-31-2027	1	0.0	0.0	0.3	0.0	0.8	1.8	18.8	1.3	16.5	10	17.3
12-31-2028	1	0.0	0.0	0.2	0.0	0.8	1.1	19.9	0.7	17.2	12	16.9
12-31-2029	1	0.0	0.0	0.2	0.0	0.7	0.6	20.5	0.3	17.5	15	16.2
12-31-2030	1	0.0	0.0	0.1	0.0	0.7	0.3	20.8	0.1	17.7	20	15.2
12-31-2031	1	0.0	0.0	0.1	0.0	0.5	0.0	20.8	0.0	17.7	30	13.5
12-31-2032	0	0.0	0.0	0.0	0.9	0.0	-0.9	19.9	-0.4	17.3	40	12.1
											50	10.9
SUBTOTAL			0.0	3.4	0.9	6.9	19.9	19.9	17.3	17.3		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.3		
TOTAL OF 7.7 YR	RS		0.0	3.4	0.9	6.9	19.9	19.9	17.3	17.3		

Case Name: CARUS 14-28H1 API Number: 33-025-04087 NDIC FILE No: 37854 Reservoir: THREE FORKS 1 Perfs: 11839-22087

CTB No: 235547



Proj Oil Cum: 292.22 Mbbl Oil Rem: 39.07 Mbbl Oil EUR: 331.29 Mbbl Proj Gas Cum: 548.01 MMcf Gas Rem: 104.34 MMcf Gas EUR: 652.35 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.006246 INITIAL REVENUE INTEREST: 0.005425

PHDWIN ID: 60

NAME:

FIELD:

CARUS 14-28H1 CEDAR COULEE THREE FORKS 1

RESERVOIR: THREE FOR COUNTY, STATE: DUNN, ND

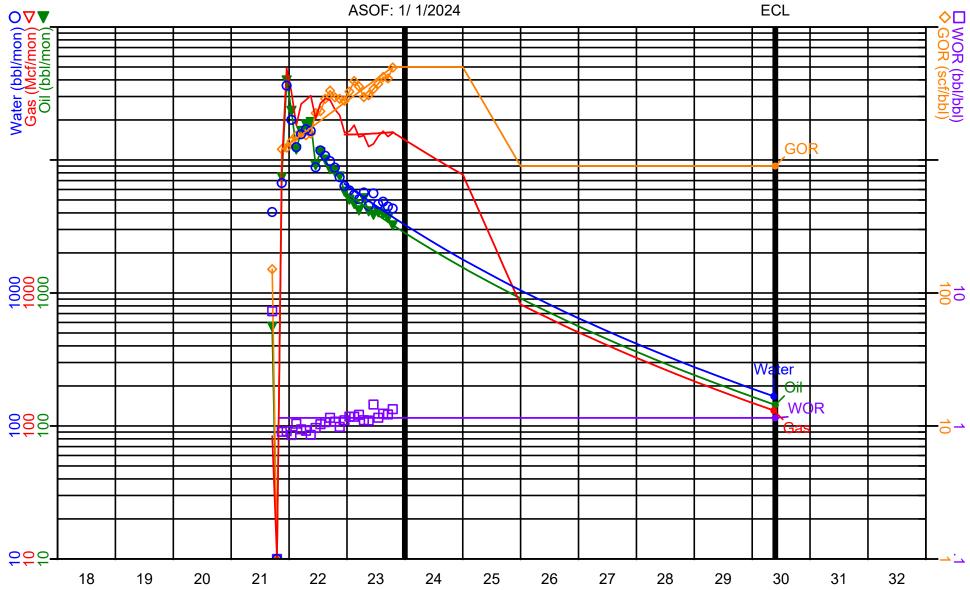
OPERATOR: CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	20.0	0.0	75.0	0.1	0.0	0.4	78.670	0.000	2.929	8.5	0.0	1.1	9.7
12-31-2025	9.7	0.0	20.9	0.1	0.0	0.1	78.670	0.000	2.929	4.2	0.0	0.3	4.5
12-31-2026	5.2	0.0	4.7	0.0	0.0	0.0	78.670	0.000	2.929	2.2	0.0	0.1	2.3
12-31-2027	3.0	0.0	2.7	0.0	0.0	0.0	78.670	0.000	2.929	1.3	0.0	0.0	1.3
12-31-2028	1.1	0.0	1.0	0.0	0.0	0.0	78.670	0.000	2.929	0.5	0.0	0.0	0.5
12-31-2029	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL REMAINING TOTAL CUM PROD ULTIMATE	39.1 0.0 39.1 292.2 331.3	0.0 0.0 0.0 0.0 0.0	104.3 0.0 104.3 548.0 652.3	0.2 0.0 0.2	0.0 0.0 0.0	0.5 0.0 0.5	78.670 0.000 78.670	0.000 0.000 0.000	2.929 0.000 2.929	16.7 0.0 16.7	0.0 0.0 0.0	1.6 0.0 1.6	18.2 0.0 18.2
OLIMAIL	331.3	0.0	032.3										

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	1.0	0.0	1.3	7.4	7.4	7.0	7.0	0	11.2
12-31-2025	1	0.0	0.0	0.5	0.0	0.9	3.0	10.4	2.6	9.7	5	10.8
12-31-2026	1	0.0	0.0	0.3	0.0	0.8	1.2	11.7	1.0	10.6	8	10.6
12-31-2027	1	0.0	0.0	0.1	0.0	0.7	0.5	12.1	0.3	11.0	10	10.5
12-31-2028	1	0.0	0.0	0.1	0.0	0.4	0.1	12.2	0.0	11.0	12	10.3
12-31-2029	0	0.0	0.0	0.0	0.9	0.0	-0.9	11.2	-0.5	10.5	15	10.1
											20	9.7
											30	9.0
											40	8.4
											50	7.8
CLIDTOTAL			0.0	1.9	0.9	4.1	11.2	11.2	10.5	10.5		
SUBTOTAL												
REMAINING	n.a		0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5		
TOTAL OF 4.6 Y	RS		0.0	1.9	0.9	4.1	11.2	11.2	10.5	10.5		

Case Name: RODNEY 14-29HSL API Number: 33-025-04015 NDIC FILE No: 37408 Reservoir: MIDDLE BAKKEN Perfs: 11787-22036

CTB No: 237373



Proj Oil Cum: 245.66 Mbbl Oil Rem: 60.50 Mbbl

Oil EUR: 306.16 Mbbl

Proj Gas Cum: 542.81 MMcf Gas Rem: 182.58 MMcf Gas EUR: 725.39 MMcf

# PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.003123 INITIAL REVENUE INTEREST : 0.002713

PHDWIN ID: 61

AS OF JANUARY 1, 2024

RODNEY 14-29HSL NAME: CEDAR COULEE FIELD: RESERVOIR: MIDDLE BAKKEN COUNTY, STATE: DUNN, ND

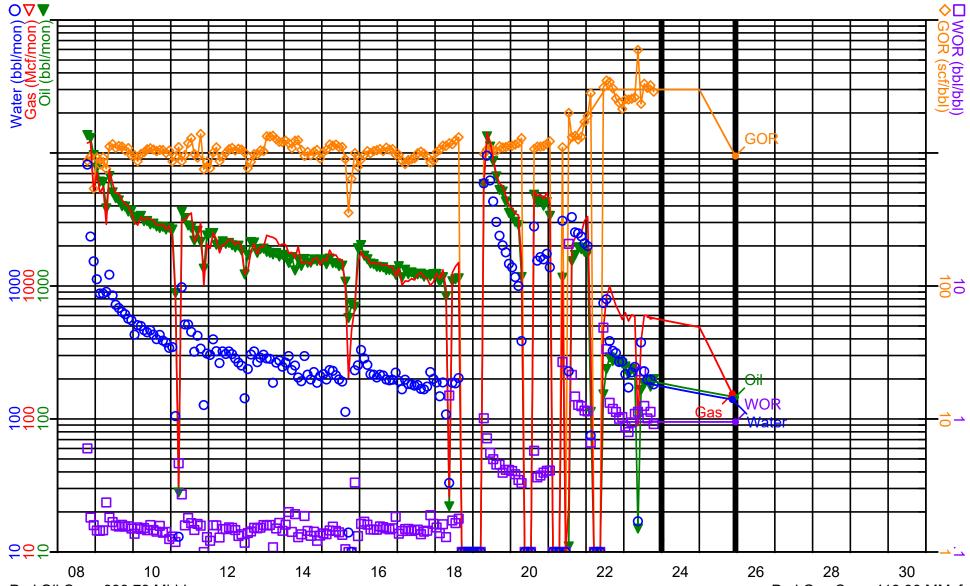
OPERATOR : CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	VENUE	
ENDING	OIL NGL GAS MBBL MGAL MMCF			OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	25.4	0.0	127.1	0.1	0.0	0.3	78.670	0.000	2.929	5.4	0.0	0.9	6.4
12-31-2025	14.3	0.0	36.8	0.0	0.0	0.1	78.670	0.000	2.929	3.1	0.0	0.3	3.3
12-31-2026	8.6	0.0	7.8	0.0	0.0	0.0	78.670	0.000	2.929	1.8	0.0	0.1	1.9
12-31-2027	5.4	0.0	4.9	0.0	0.0	0.0	78.670	0.000	2.929	1.2	0.0	0.0	1.2
12-31-2028	3.6	0.0	3.2	0.0	0.0	0.0	78.670	0.000	2.929	0.8	0.0	0.0	0.8
12-31-2029	2.4	0.0	2.2	0.0	0.0	0.0	78.670	0.000	2.929	0.5	0.0	0.0	0.5
12-31-2030	0.7	0.0	0.7	0.0	0.0	0.0	78.670	0.000	2.929	0.2	0.0	0.0	0.2
12-31-2031	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	60.5	0.0	182.6	0.2	0.0	0.5	78.670	0.000	2.929	12.9	0.0	1.4	14.3
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	60.5	0.0	182.6	0.2	0.0	0.5	78.670	0.000	2.929	12.9	0.0	1.4	14.3
CUM PROD	245.7	0.0	542.8										
ULTIMATE	306.2	0.0	725.4										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE -	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET	ΓIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.6	0.0	0.7	5.0	5.0	4.8	4.8	0	9.3
12-31-2025	1	0.0	0.0	0.4	0.0	0.5	2.4	7.5	2.1	6.9	5	8.9
12-31-2026	1	0.0	0.0	0.2	0.0	0.4	1.2	8.7	1.0	7.8	8	8.6
12-31-2027	1	0.0	0.0	0.1	0.0	0.4	0.7	9.4	0.5	8.3	10	8.4
12-31-2028	1	0.0	0.0	0.1	0.0	0.4	0.3	9.7	0.2	8.5	12	8.2
12-31-2029	1	0.0	0.0	0.1	0.0	0.3	0.1	9.8	0.1	8.6	15	7.9
12-31-2030	1	0.0	0.0	0.0	0.0	0.1	0.0	9.8	0.0	8.6	20	7.5
12-31-2031	0	0.0	0.0	0.0	0.5	0.0	-0.5	9.3	-0.2	8.4	30	6.8
											40	6.2
											50	5.7
SUBTOTAL			0.0	1.5	0.5	3.0	9.3	9.3	8.4	8.4		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4		
TOTAL OF 6.4 Y	'RS		0.0	1.5	0.5	3.0	9.3	9.3	8.4	8.4		

Case Name: MORRIS 1-23H API Number: 33-025-00777 NDIC FILE No: 17334 Reservoir: THREE FORKS 1 Perfs: 11429-20300

CTB No: 117334



Proj Oil Cum: 393.79 Mbbl

Oil Rem: 3.86 Mbbl Oil EUR: 397.66 Mbbl Proj Gas Cum: 413.90 MMcf Gas Rem: 9.47 MMcf Gas EUR: 423.37 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

0.3

0.1

OIL

\$/BBL

78.670

78.670

GAS

MMCF

AVERAGE PRICES

NGL

\$/GAL

0.000

0.000

GAS

\$/MCF

2.929

2.929

NET RESERVES

NGL

MGAL

0.0

0.0

ANDRESS SANDEFER ET AL CURRENT INTEREST

GROSS RESERVES

NGL

MGAL

0.0

0.0

GAS

MMCF

6.3

3.2

OIL

MBBL

0.1

0.1

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.058215 INITIAL REVENUE INTEREST: 0.049303

OIL

MBBL

2.1

1.8

PHDWIN ID: 32

PERIOD

**ENDING** 

M-D-Y

12-31-2024

12-31-2025

SUBTOTAL

REMAINING

TOTAL OF 2.0 YRS

NAME: MORRIS 1-23H
FIELD: OAKDALE
RESERVOIR: THREE FORKS 1
COUNTY, STATE: DUNN, ND

OPERATOR:

OIL

M\$

8.1

6.9

OR: CONTINENTAL RESOURCES

0.0

0.0

NGL

M\$

GROSS REVENUE

GAS

M\$

0.9

0.4

TOTAL

M\$

9.0

7.3

12-31-2026	0.0		0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0		0.0 0.0
SUBTOTAL REMAINING	3.9 0.0		0.0	9.5 0.0	0.2 0.0	0.0 0.0	0.4 0.0	78.670 0.000	0.000 0.000	2.929 0.000	15.0 0.0	0.0		1.3 16.3 0.0 0.0
TOTAL	3.9		0.0	9.5	0.2	0.0	0.4	78.670	0.000	2.929	15.0	0.0		1.3 16.3
CUM PROD	393.8		0.0	413.9										
ULTIMATE	397.7		0.0	423.4										
				NE	T DEDUCTIONS/	EXPENDITURES			FUTURE N	IET REVENUE				
PERIOD	NUMBER OF A		NET	P	ROD AND	CAPITAL	OPERATING	UNDISC	OUNTED		JNTED AT 10%			WORTH PROFILE
ENDING	COMPLETI	ONS	PROFITS	P	ROD AND DV TAXES	CAPITAL COST	EXPENSE	PERIOD	OUNTED CUM	DISCOU PERIOD	CUM		DISC RATE	CUM PW
ENDING M-D-Y	COMPLETI GROSS	ONS NET	PROFITS M\$	P. A	PROD AND DV TAXES M\$	CAPITAL COST M\$	EXPENSE M\$	PERIOD M\$	OUNTED CUM M\$	DISCOU PERIOD M\$	CUM M\$	<u> </u>	DISC RATE %	CUM PW M\$
ENDING M-D-Y 12-31-2024	COMPLETI GROSS	ONS NET 0.0	PROFITS M\$	P. A	ROD AND DV TAXES M\$ 0.9	CAPITAL COST M\$	EXPENSE M\$	PERIOD M\$	OUNTED CUM M\$	DISCOU PERIOD M\$	CUM M\$	1.6	DISC RATE % 0	CUM PW M\$ -6.5
ENDING M-D-Y 12-31-2024 12-31-2025	COMPLETI GROSS 1 1	ONS NET 0.0 0.0	PROFITS M\$	P. A	ROD AND DV TAXES M\$ 0.9 0.8	CAPITAL COST M\$ 0.0 0.0	EXPENSE M\$ 6.3 6.0	PERIOD M\$ 1.7 0.5	CUM M\$ 1.7 2.2	PERIOD M\$	CUM M\$ 6 4	2.1	DISC RATE % 0 5	CUM PW M\$ -6.5 -5.4
ENDING M-D-Y 12-31-2024	COMPLETI GROSS	ONS NET 0.0	PROFITS M\$	P. A	ROD AND DV TAXES M\$ 0.9	CAPITAL COST M\$	EXPENSE M\$	PERIOD M\$	OUNTED CUM M\$	PERIOD M\$	CUM M\$ 6 4		DISC RATE % 0	CUM PW M\$ -6.5
ENDING M-D-Y 12-31-2024 12-31-2025	COMPLETI GROSS 1 1	ONS NET 0.0 0.0	PROFITS M\$	P. A	ROD AND DV TAXES M\$ 0.9 0.8	CAPITAL COST M\$ 0.0 0.0	EXPENSE M\$ 6.3 6.0	PERIOD M\$ 1.7 0.5	CUM M\$ 1.7 2.2	PERIOD M\$	CUM M\$ 6 4	2.1	DISC RATE % 0 5 8	CUM PW M\$ -6.5 -5.4 -4.8
ENDING M-D-Y 12-31-2024 12-31-2025	COMPLETI GROSS 1 1	ONS NET 0.0 0.0	PROFITS M\$	P. A	ROD AND DV TAXES M\$ 0.9 0.8	CAPITAL COST M\$ 0.0 0.0	EXPENSE M\$ 6.3 6.0	PERIOD M\$ 1.7 0.5	CUM M\$ 1.7 2.2	PERIOD M\$	CUM M\$ 6 4	2.1	0 5 8 10 12	CUM PW M\$ -6.5 -5.4 -4.8 -4.5 -4.1
ENDING M-D-Y 12-31-2024 12-31-2025	COMPLETI GROSS 1 1	ONS NET 0.0 0.0	PROFITS M\$	P. A	ROD AND DV TAXES M\$ 0.9 0.8	CAPITAL COST M\$ 0.0 0.0	EXPENSE M\$ 6.3 6.0	PERIOD M\$ 1.7 0.5	CUM M\$ 1.7 2.2	PERIOD M\$	CUM M\$ 6 4	2.1	0 5 8 10	CUM PW M\$ -6.5 -5.4 -4.8 -4.5
ENDING M-D-Y 12-31-2024 12-31-2025	COMPLETI GROSS 1 1	ONS NET 0.0 0.0	PROFITS M\$	P. A	ROD AND DV TAXES M\$ 0.9 0.8	CAPITAL COST M\$ 0.0 0.0	EXPENSE M\$ 6.3 6.0	PERIOD M\$ 1.7 0.5	CUM M\$ 1.7 2.2	PERIOD M\$	CUM M\$ 6 4	2.1	DISC RATE %  0 5 8 10 12 15 20 30	CUM PW MS  -6.5 -5.4 -4.8 -4.5 -4.1 -3.6 -2.9 -1.8
ENDING M-D-Y 12-31-2024 12-31-2025	COMPLETI GROSS 1 1	ONS NET 0.0 0.0	PROFITS M\$	P. A	ROD AND DV TAXES M\$ 0.9 0.8	CAPITAL COST M\$ 0.0 0.0	EXPENSE M\$ 6.3 6.0	PERIOD M\$ 1.7 0.5	CUM M\$ 1.7 2.2	PERIOD M\$	CUM M\$ 6 4	2.1	DISC RATE %  0 5 8 10 12 15 20 30 40	CUM PW MS  -6.5 -5.4 -4.8 -4.5 -4.1 -3.6 -2.9 -1.8 -1.0
ENDING M-D-Y 12-31-2024 12-31-2025	COMPLETI GROSS 1 1	ONS NET 0.0 0.0	PROFITS M\$	P. A	ROD AND DV TAXES M\$ 0.9 0.8	CAPITAL COST M\$ 0.0 0.0	EXPENSE M\$ 6.3 6.0	PERIOD M\$ 1.7 0.5	CUM M\$ 1.7 2.2	PERIOD M\$	CUM M\$ 6 4	2.1	DISC RATE %  0 5 8 10 12 15 20 30	CUM PW MS  -6.5 -5.4 -4.8 -4.5 -4.1 -3.6 -2.9 -1.8
ENDING M-D-Y 12-31-2024 12-31-2025	COMPLETI GROSS 1 1	ONS NET 0.0 0.0	PROFITS M\$	P. A	ROD AND DV TAXES M\$ 0.9 0.8	CAPITAL COST M\$ 0.0 0.0	EXPENSE M\$ 6.3 6.0	PERIOD M\$ 1.7 0.5	CUM M\$ 1.7 2.2	PERIOD M\$	CUM M\$ 6 4	2.1	DISC RATE %  0 5 8 10 12 15 20 30 40	CUM PW MS  -6.5 -5.4 -4.8 -4.5 -4.1 -3.6 -2.9 -1.8 -1.0
ENDING M-D-Y 12-31-2024 12-31-2025	COMPLETI GROSS 1 1	ONS NET 0.0 0.0	PROFITS M\$	P. A	ROD AND DV TAXES M\$ 0.9 0.8	CAPITAL COST M\$ 0.0 0.0	EXPENSE M\$ 6.3 6.0	PERIOD M\$ 1.7 0.5	CUM M\$ 1.7 2.2	PERIOD M\$	CUM M\$ 6 4	2.1	DISC RATE %  0 5 8 10 12 15 20 30 40	CUM PW MS  -6.5 -5.4 -4.8 -4.5 -4.1 -3.6 -2.9 -1.8 -1.0
ENDING M-D-Y 12-31-2024 12-31-2025	COMPLETI GROSS 1 1	ONS NET 0.0 0.0	PROFITS M\$	P. A	ROD AND DV TAXES M\$ 0.9 0.8	CAPITAL COST M\$ 0.0 0.0	EXPENSE M\$ 6.3 6.0	PERIOD M\$ 1.7 0.5	CUM M\$ 1.7 2.2	PERIOD M\$	CUM M\$ 6 4	2.1	DISC RATE %  0 5 8 10 12 15 20 30 40	CUM PW MS  -6.5 -5.4 -4.8 -4.5 -4.1 -3.6 -2.9 -1.8 -1.0

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12.3

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12.3

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-6.5

-6.5

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-6.5

-4.5

0.0

-4.5

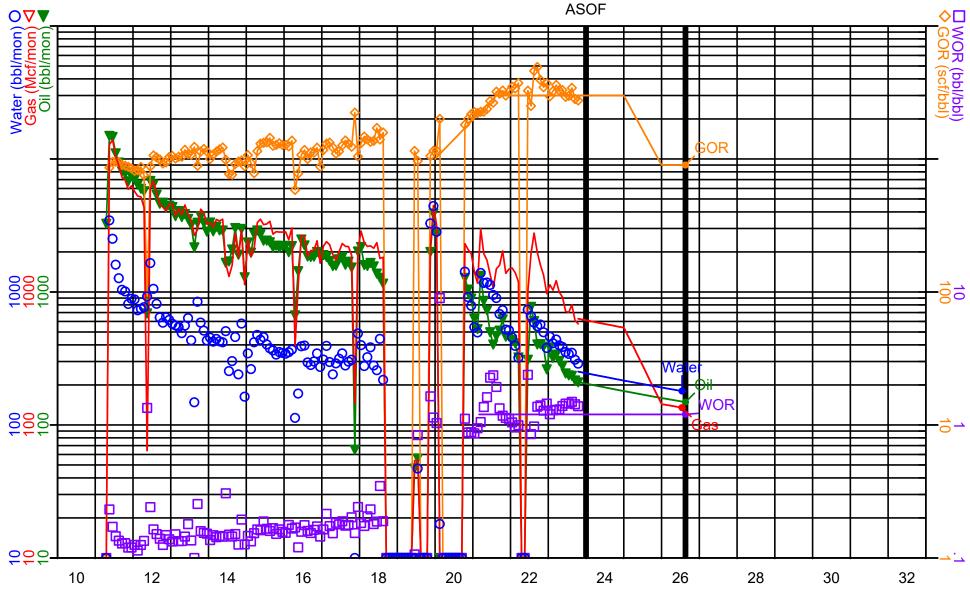
-4.5

-4.5

-4.5

Case Name: MORRIS 2-26H API Number: 33-025-01077 NDIC FILE No: 18860 Reservoir: THREE FORKS 1 Perfs: 11712-21145

CTB No: 118860



Proj Oil Cum: 326.73 Mbbl

Oil Rem: 5.49 Mbbl Oil EUR: 332.22 Mbbl Proj Gas Cum: 366.05 MMcf Gas Rem: 11.53 MMcf Gas EUR: 377.59 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

NET RESERVES

ANDRESS SANDEFER ET AL CURRENT INTEREST

GROSS RESERVES

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.070474 INITIAL REVENUE INTEREST: 0.059697

PHDWIN ID: 33

PERIOD

REMAINING

TOTAL OF 2.6 YRS

AVERAGE PRICES

MORRIS 2-26H OAKDALE

RESERVOIR:COUNTY, STATE: OPERATOR:

NAME:

FIELD:

THREE FORKS 1 DUNN, ND

CONTINENTAL RESOURCES GROSS REVENUE

LICIOD	0	RODD REDERVED			TILL REDERVED		11	LIGIOL I ICICLE	<u>,                                      </u>		ORODD RE	TLITCL	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	2.3	0.0	6.9	0.1	0.0	0.4	78.670	0.000	2.929	10.8	0.0	1.1	12.0
12-31-2025	2.0	0.0	3.6	0.1	0.0	0.2	78.670	0.000	2.929	9.5	0.0	0.6	10.1
12-31-2026	1.2	0.0	1.0	0.1	0.0	0.1	78.670	0.000	2.929	5.4	0.0	0.2	5.6
12-31-2027	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
CLIDTOTAL	5.5	0.0	11.5	0.2	0.0	0.6	70 (70	0.000	2.020	25.0	0.0	1.0	27.7
SUBTOTAL	5.5	0.0	11.5	0.3	0.0	0.6	78.670	0.000	2.929	25.8	0.0	1.9	27.7
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	5.5	0.0	11.5	0.3	0.0	0.6	78.670	0.000	2.929	25.8	0.0	1.9	27.7
CUM PROD	326.7	0.0	366.1										

ULTIMATE	332.2		0.0	377.6								
				NET DEDUCTION	NS/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	FACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCO	UNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0	1.3	0.0	7.9	2.8	2.8	2.7	2.7	0	-6.3
12-31-2025	1	0.1	0	1.1	0.0	7.8	1.3	4.1	1.1	3.8	5	-4.7
12-31-2026	1	0.1	0	0.6	0.0	4.8	0.2	4.3	0.2	3.9	8	-3.9
12-31-2027	0	0.0	0	0.0	10.6	0.0	-10.6	-6.3	-7.4	-3.4	10	-3.4
											12	-3.0
											15	-2.4
											20	-1.5
											30	-0.3
											40	0.6
											50	1.1
SUBTOTAL			0	3.0	10.6	20.4	-6.3	-6.3	-3.4	-3.4		

0.0

20.4

0.0

-6.3

0.0

-6.3

0.0

-3.4

-3.4

-3.4

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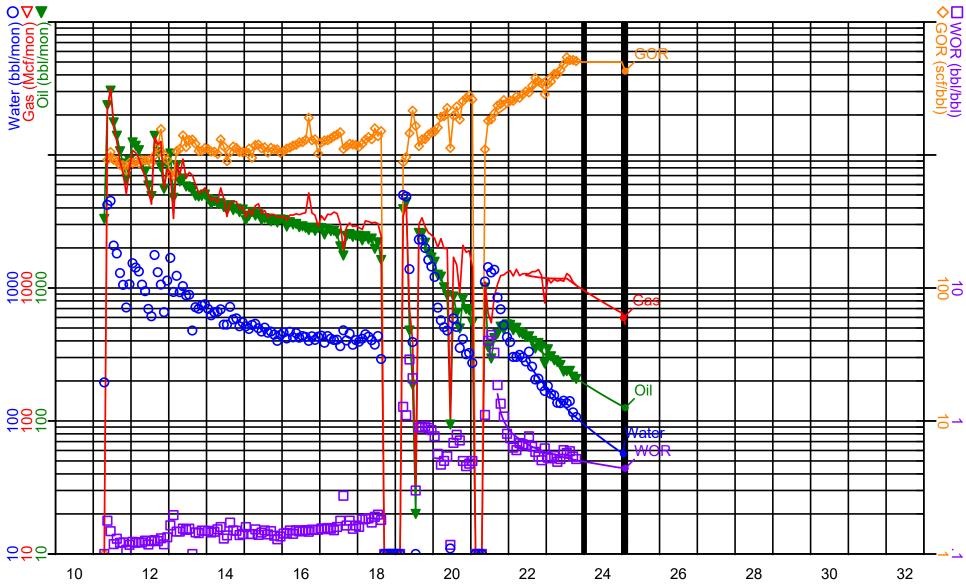
10.6

0.0

0.0

Case Name: MORRIS 3-26H API Number: 33-025-01075 NDIC FILE No: 18858 Reservoir: MIDDLE BAKKEN Perfs: 11655-20970

CTB No: 118858



Proj Oil Cum: 520.49 Mbbl

Oil Rem: 2.04 Mbbl Oil EUR: 522.53 Mbbl Proj Gas Cum: 582.72 MMcf Gas Rem: 10.13 MMcf Gas EUR: 592.85 MMcf

# PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

GROSS RESERVES

NGL

GAS

OIL

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.070474 INITIAL REVENUE INTEREST: 0.059697

OIL

PHDWIN ID: 34

TOTAL OF 1.1 YRS

PERIOD

ENDING

AS OF JANUARY 1, 2024

OIL

GAS

AVERAGE PRICES

NGL

GAS

NET RESERVES

NGL

NAME: FIELD:

MORRIS 3-26H

RESERVOIR:COUNTY, STATE : OPERATOR : OAKDALE MIDDLE BAKKEN DUNN, ND

GROSS REVENUE

GAS

TOTAL

OIL

CONTINENTAL RESOURCES

NGL

M-D-Y	MBBL	NGL MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	NGL \$/GAL	\$/MCF	M\$	M\$	GAS M\$	M\$
12-31-2024	1.9	0.0	9.5	0.1	0.0	0.5	78.670	0.000	2.929	8.9		0.0 1.6	5 10.5
12-31-2025	0.1	0.0			0.0	0.0	78.670	0.000	2.929	0.7		0.0	
12-31-2026	0.0	0.0			0.0	0.0	0.000	0.000	0.000	0.0		0.0	
SUBTOTAL	2.0	0.0	10.1	0.1	0.0	0.6	78.670	0.000	2.929	9.6	(	0.0 1.3	7 11.2
REMAINING	0.0	0.0			0.0	0.0	0.000	0.000	0.000	0.0		0.0	
TOTAL	2.0	0.0		0.1	0.0	0.6	78.670	0.000	2.929	9.6		0.0 1.3	
CUM PROD	520.5	0.0											
ULTIMATE	522.5	0.0											
				NET DEDUCTIONS	/EVDENDITUDES			DI ITI	URE NET REV	/ENILIE			
DEDIOD	NUMBER OF ACT		NET	PROD AND	CAPITAL	OPERATING	LINDI	SCOUNTED	UKE NET KEV	DISCOUNTED	AT 10%	PRESENT WO	ORTH PROFILE
PERIOD ENDING	COMPLETION		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM		PERIOD	CUM	DISC RATE	CUM PW
M-D-Y		NET	M\$	M\$	M\$	M\$	M\$	M\$		M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	1.0	0.0	7.4	2.0	)	2.0	1.9	1.9	0	-8.5
12-31-2025	1	0.1	0.0	0.1	0.0	0.7	0.0		2.0	0.0	1.9	5	-7.5
12-31-2026	0	0.0	0.0	0.0	10.6	0.0	-10.6	5	-8.5	-8.6	-6.6	8	-7.0
												10	-6.6
												12	-6.3
												15	-5.8
												20	-5.1
												30	-3.9
												40	-2.9
												50	-2.1
SUBTOTAL			0.0	1.1	10.6	8.1	-8.5	5	-8.5	-6.6	-6.6		
REMAINING			0.0	0.0	0.0	0.0	0.0		0.0	0.0	-6.6		

0.0

1.1

10.6

8.1

-8.5

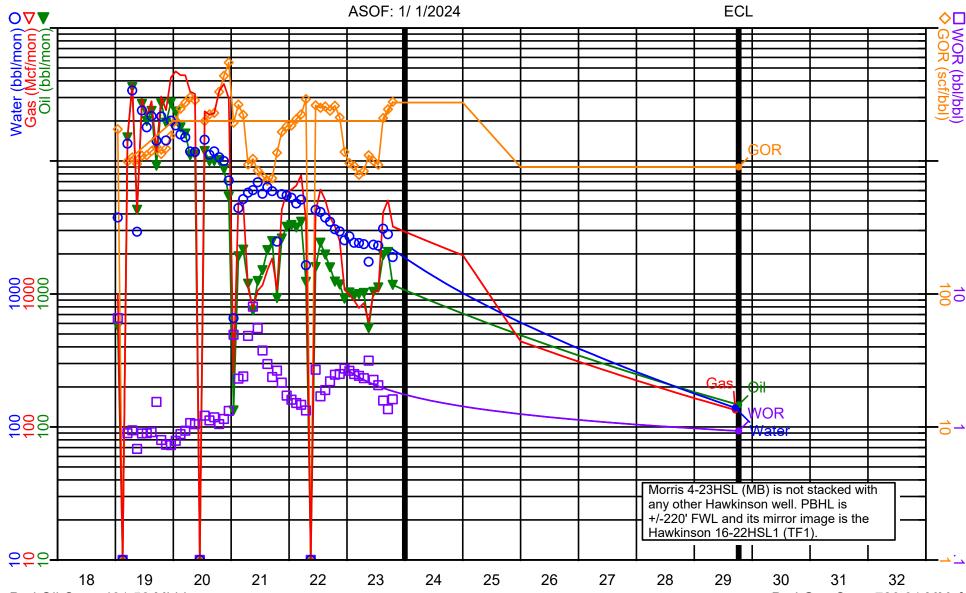
-8.5

-6.6

-6.6

Case Name: MORRIS 4-23HSL API Number: 33-025-03402 NDIC FILE No: 34353 Reservoir: MIDDLE BAKKEN Perfs: 11537-21717

CTB No: 134353



Proj Oil Cum: 401.58 Mbbl Oil Rem: 30.14 Mbbl Oil EUR: 431.72 Mbbl Proj Gas Cum: 720.31 MMcf Gas Rem: 52.37 MMcf Gas EUR: 772.68 MMcf

# PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.131150 INITIAL REVENUE INTEREST : 0.110644

PHDWIN ID: 35

AS OF JANUARY 1, 2024

MORRIS 4-23HSL NAME: OAKDALE FIELD: RESERVOIR:MIDDLE BAKKEN COUNTY, STATE:

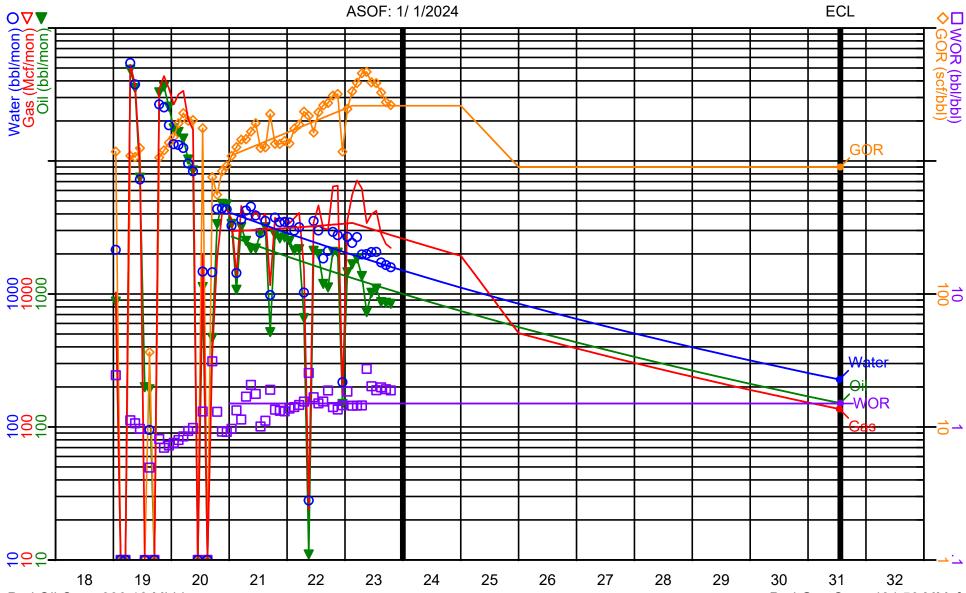
DUNN, ND CONTINENTAL RESOURCES OPERATOR :

PERIOD GROSS RESERVES  ENDING OH NGL CAS				NET RESERVES			AVERAGE PRICES			GROSS REVENUE			
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	10.5	0.0	28.9	1.2	0.0	3.0	78.670	0.000	2.929	91.6	0.0	8.8	100.4
12-31-2025	7.1	0.0	12.2	0.8	0.0	1.3	78.670	0.000	2.929	61.7	0.0	3.7	65.4
12-31-2026	4.9	0.0	4.4	0.5	0.0	0.5	78.670	0.000	2.929	43.0	0.0	1.4	44.3
12-31-2027	3.5	0.0	3.2	0.4	0.0	0.3	78.670	0.000	2.929	30.6	0.0	1.0	31.6
12-31-2028	2.6	0.0	2.3	0.3	0.0	0.2	78.670	0.000	2.929	22.4	0.0	0.7	23.1
12-31-2029	1.5	0.0	1.3	0.2	0.0	0.1	78.670	0.000	2.929	13.0	0.0	0.4	13.4
12-31-2030	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	30.1	0.0	52.4	3.3	0.0	5.4	78.670	0.000	2.929	262.3	0.0	16.0	278.3
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	30.1	0.0	52.4	3.3	0.0	5.4	78.670	0.000	2.929	262.3	0.0	16.0	278.3
CUM PROD	401.6	0.0	720.3										
ULTIMATE	431.7	0.0	772.7										

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	10.7	0.0	22.1	67.6	67.6	64.4	64.4	0	130.9
12-31-2025	1	0.1	0.0	7.2	0.0	18.3	40.0	107.6	34.4	98.8	5	125.8
12-31-2026	1	0.1	0.0	5.0	0.0	16.4	23.0	130.6	17.9	116.7	8	122.5
12-31-2027	1	0.1	0.0	3.5	0.0	15.3	12.8	143.4	9.1	125.8	10	120.3
12-31-2028	1	0.1	0.0	2.6	0.0	14.6	5.9	149.3	3.8	129.6	12	118.1
12-31-2029	1	0.1	0.0	1.5	0.0	10.7	1.3	150.6	0.7	130.3	15	114.7
12-31-2030	0	0.0	0.0	0.0	19.7	0.0	-19.7	130.9	-10.0	120.3	20	109.2
											30	99.0
											40	89.9
											50	82.0
SUBTOTAL			0.0	30.4	19.7	97.3	130.9	130.9	120.3	120.3		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.3		
TOTAL OF 5.8 Y	YRS		0.0	30.4	19.7	97.3	130.9	130.9	120.3	120.3		

Case Name: MORRIS 5-23H2 API Number: 33-025-03401 NDIC FILE No: 34352 Reservoir: THREE FORKS 2 Perfs: 11666-21937

CTB No: 134352



Proj Oil Cum: 330.18 Mbbl Oil Rem: 38.45 Mbbl Oil EUR: 368.63 Mbbl Proj Gas Cum: 484.50 MMcf Gas Rem: 58.06 MMcf Gas EUR: 542.56 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070182 INITIAL REVENUE INTEREST :

PHDWIN ID: 36

MORRIS 5-23H2 OAKDALE

RESERVOIR: COUNTY, STATE: OPERATOR:

NAME:

FIELD:

THREE FORKS 2

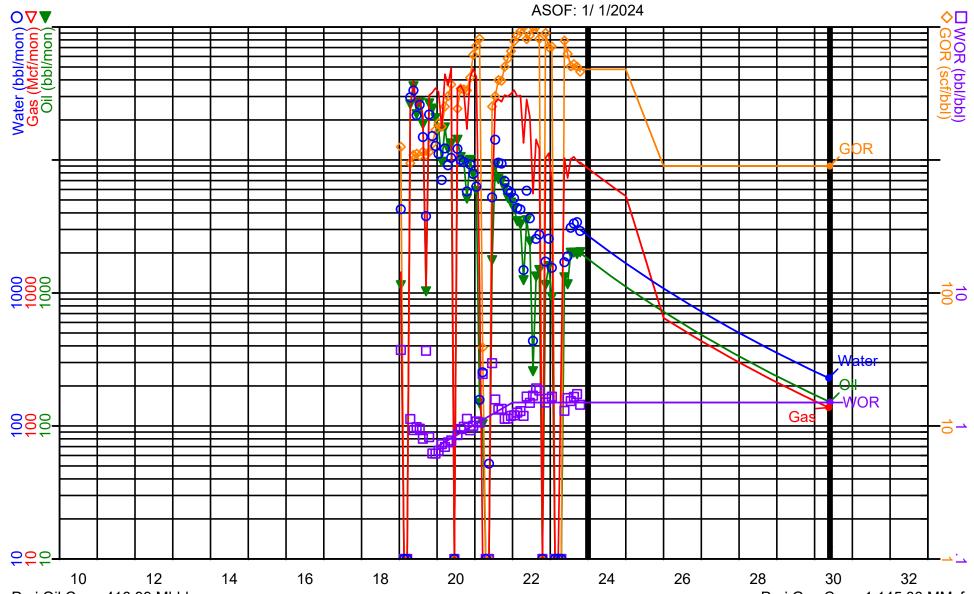
DUNN, ND CONTINENTAL RESOURCES

PERIOD GROSS RESERVES  ENDING OH NCL CAS				NET RESERVES			AVERAGE PRICES			GROSS REVENUE			
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	10.4	0.0	27.0	0.6	0.0	1.5	78.670	0.000	2.929	48.6	0.0	4.4	53.1
12-31-2025	7.8	0.0	12.8	0.5	0.0	0.7	78.670	0.000	2.929	36.4	0.0	2.1	38.5
12-31-2026	5.9	0.0	5.3	0.4	0.0	0.3	78.670	0.000	2.929	27.7	0.0	0.9	28.6
12-31-2027	4.6	0.0	4.1	0.3	0.0	0.2	78.670	0.000	2.929	21.4	0.0	0.7	22.1
12-31-2028	3.6	0.0	3.2	0.2	0.0	0.2	78.670	0.000	2.929	16.8	0.0	0.5	17.4
12-31-2029	2.8	0.0	2.6	0.2	0.0	0.1	78.670	0.000	2.929	13.3	0.0	0.4	13.7
12-31-2030	2.3	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	10.6	0.0	0.3	11.0
12-31-2031	1.1	0.0	1.0	0.1	0.0	0.1	78.670	0.000	2.929	4.9	0.0	0.2	5.1
12-31-2032	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	38.5	0.0	58.1	2.3	0.0	3.2	78.670	0.000	2.929	179.9	0.0	9.5	189.4
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	38.5	0.0	58.1	2.3	0.0	3.2	78.670	0.000	2.929	179.9	0.0	9.5	189.4
CUM PROD	330.2	0.0	484.5										
ULTIMATE	368.6	0.0	542.6										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	5.7	0.0	11.6	35.8	35.8	34.1	34.1	0	88.6
12-31-2025	1	0.1	0.0	4.2	0.0	10.4	23.9	59.7	20.6	54.6	5	83.1
12-31-2026	1	0.1	0.0	3.2	0.0	9.6	15.9	75.6	12.3	67.0	8	79.9
12-31-2027	1	0.1	0.0	2.5	0.0	9.0	10.7	86.3	7.5	74.5	10	77.7
12-31-2028	1	0.1	0.0	1.9	0.0	8.5	6.9	93.1	4.4	78.9	12	75.7
12-31-2029	1	0.1	0.0	1.5	0.0	8.2	3.9	97.1	2.3	81.2	15	72.6
12-31-2030	1	0.1	0.0	1.2	0.0	8.0	1.8	98.8	0.9	82.1	20	67.9
12-31-2031	1	0.1	0.0	0.6	0.0	4.3	0.3	99.1	0.1	82.2	30	59.6
12-31-2032	0	0.0	0.0	0.0	10.5	0.0	-10.5	88.6	-4.5	77.7	40	52.8
											50	47.2
SUBTOTAL			0.0	20.8	10.5	69.5	88.6	88.6	77.7	77.7		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.7		
TOTAL OF 7.6	YRS		0.0	20.8	10.5	69.5	88.6	88.6	77.7	77.7		

Case Name: MORRIS 6-23H API Number: 33-025-03400 NDIC FILE No: 34351 Reservoir: MIDDLE BAKKEN Perfs: 11538-17976

CTB No: 134351



Proj Oil Cum: 416.99 Mbbl Oil Rem: 46.43 Mbbl Oil EUR: 463.42 Mbbl Proj Gas Cum: 1,145.33 MMcf Gas Rem: 125.40 MMcf Gas EUR: 1,270.73 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070182 INITIAL REVENUE INTEREST: 0.059458

PHDWIN ID: 37

MORRIS 6-23H

OAKDALE MIDDLE BAKKEN

RESERVOIR : COUNTY, STATE : OPERATOR :

NAME:

FIELD:

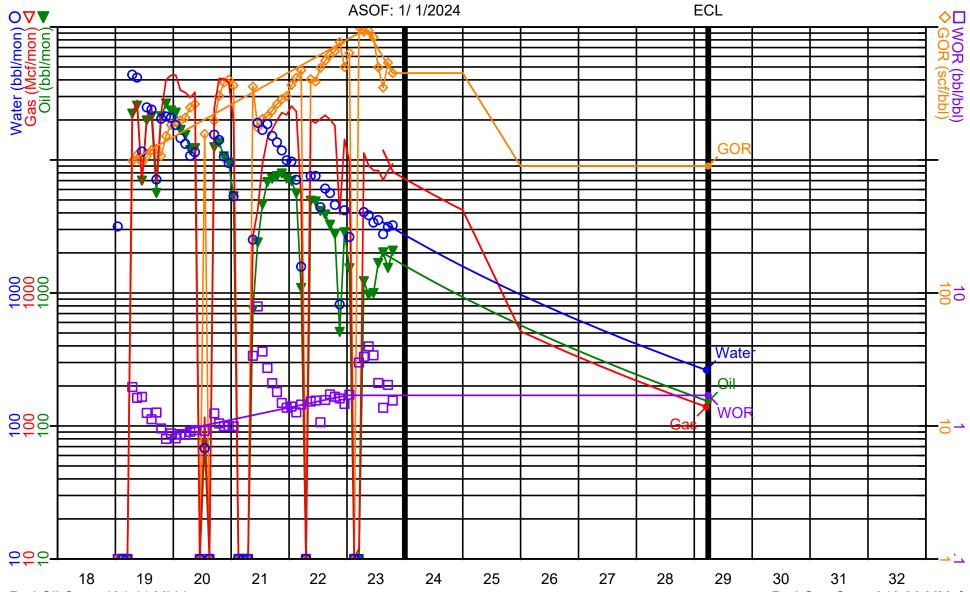
STATE: DUNN, ND
R: CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	17.1	0.0	82.1	1.0	0.0	4.6	78.670	0.000	2.929	80.0	0.0	13.4	93.4
12-31-2025	10.8	0.0	26.6	0.6	0.0	1.5	78.670	0.000	2.929	50.5	0.0	4.4	54.9
12-31-2026	7.1	0.0	6.4	0.4	0.0	0.4	78.670	0.000	2.929	33.3	0.0	1.0	34.3
12-31-2027	4.8	0.0	4.4	0.3	0.0	0.2	78.670	0.000	2.929	22.6	0.0	0.7	23.3
12-31-2028	3.4	0.0	3.0	0.2	0.0	0.2	78.670	0.000	2.929	15.8	0.0	0.5	16.3
12-31-2029	2.4	0.0	2.2	0.1	0.0	0.1	78.670	0.000	2.929	11.3	0.0	0.4	11.7
12-31-2030	0.8	0.0	0.7	0.0	0.0	0.0	78.670	0.000	2.929	3.6	0.0	0.1	3.8
12-31-2031	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	46.4	0.0	125.4	2.8	0.0	7.0	78.670	0.000	2.929	217.2	0.0	20.5	237.7
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	46.4	0.0	125.4	2.8	0.0	7.0	78.670	0.000	2.929	217.2	0.0	20.5	237.7
CUM PROD	417.0	0.0	1,145.3										
ULTIMATE	463.4	0.0	1,270.7										

		_		NET DEDUCTIONS	E/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	9.4	0.0	14.7	69.4	69.4	66.0	66.0	0	136.7
12-31-2025	1	0.1	0.0	5.9	0.0	11.7	37.3	106.6	32.2	98.2	5	129.6
12-31-2026	1	0.1	0.0	3.8	0.0	10.1	20.4	127.0	15.9	114.1	8	125.4
12-31-2027	1	0.1	0.0	2.6	0.0	9.1	11.6	138.7	8.2	122.3	10	122.6
12-31-2028	1	0.1	0.0	1.8	0.0	8.5	6.1	144.7	3.9	126.2	12	120.0
12-31-2029	1	0.1	0.0	1.3	0.0	8.0	2.3	147.1	1.4	127.5	15	116.1
12-31-2030	1	0.1	0.0	0.4	0.0	3.1	0.2	147.3	0.1	127.7	20	109.9
12-31-2031	0	0.0	0.0	0.0	10.5	0.0	-10.5	136.7	-5.0	122.6	30	99.0
											40	89.7
											50	81.8
SUBTOTAL			0.0	25.3	10.5	65.2	136.7	136.7	122.6	122.6		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	122.6		
TOTAL OF 6.4 YR	S		0.0	25.3	10.5	65.2	136.7	136.7	122.6	122.6		

Case Name: MORRIS 7-26H2 API Number: 33-025-03525 NDIC FILE No: 35109 Reservoir: THREE FORKS 2 Perfs: 11705-18713

CTB No: 235080



Proj Oil Cum: 404.41 Mbbl Oil Rem: 35.58 Mbbl Oil EUR: 439.99 Mbbl Proj Gas Cum: 940.86 MMcf Gas Rem: 98.27 MMcf Gas EUR: 1,039.13 MMcf

# PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.050722 INITIAL REVENUE INTEREST: 0.042971

PHDWIN ID: 38

SUBTOTAL

REMAINING

TOTAL OF 5.2 YRS

AS OF JANUARY 1, 2024

MORRIS 7-26H2 NAME: OAKDALE FIELD: RESERVOIR:THREE FORKS 2 COUNTY, STATE: DUNN, ND

OPERATOR: CONTINENTAL RESOURCES

GROSS REVENUE

PERIOD	Gl	ROSS RESERVES		1	NET RESERVES		A	VERAGE PRICES			GROSS REV	VENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
						MINICE			\$/IVICF				
12-31-2024	14.8	0.0	66.5	0.6	0.0	2.7	78.670	0.000	2.929	50.0	0.0	7.9	57.9
12-31-2025	8.8	0.0	20.9	0.4	0.0	0.8	78.670	0.000	2.929	29.7	0.0	2.5	32.2
12-31-2026	5.5	0.0	5.0	0.2	0.0	0.2	78.670	0.000	2.929	18.6	0.0	0.6	19.2
12-31-2027	3.6	0.0	3.2	0.2	0.0	0.1	78.670	0.000	2.929	12.2	0.0	0.4	12.5
12-31-2028	2.4	0.0	2.2	0.1	0.0	0.1	78.670	0.000	2.929	8.2	0.0	0.3	8.5
12-31-2029	0.5	0.0	0.4	0.0	0.0	0.0	78.670	0.000	2.929	1.5	0.0	0.0	1.6
12-31-2030	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUDTOTAL	15.6	0.0	09.2	15	0.0	40	79 670	0.000	2 020	120.2	00	116	121.0
SUBTOTAL	35.6	0.0	98.3	1.5	0.0	4.0	78.670	0.000	2.929	120.3	0.0	11.6	131.9
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	35.6	0.0	98.3	1.5	0.0	4.0	78.670	0.000	2.929	120.3	0.0	11.6	131.9
CUM PROD	404.4	0.0	940.9										
ULTIMATE	440.0	0.0	1,039.1										

				NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER O	F ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	5.9	0.0	10.4	41.6	41.6	39.7	39.7	0	71.3
12-31-2025	1	0.0	0.0	3.5	0.0	8.1	20.6	62.3	17.8	57.5	5	68.6
12-31-2026	1	0.0	0.0	2.2	0.0	7.0	10.1	72.4	7.9	65.4	8	66.9
12-31-2027	1	0.0	0.0	1.4	0.0	6.3	4.8	77.2	3.4	68.8	10	65.8
12-31-2028	1	0.0	0.0	0.9	0.0	5.9	1.6	78.8	1.1	69.8	12	64.7
12-31-2029	1	0.0	0.0	0.2	0.0	1.3	0.1	78.9	0.0	69.9	15	63.0
12-31-2030	0	0.0	0.0	0.0	7.6	0.0	-7.6	71.3	-4.1	65.8	20	60.3
											30	55.3
											40	50.8
											50	46.9

All estimates and exhibits are	part of this report and	subject to its para	meters and conditions.

0.0

0.0

0.0

14.0

0.0

14.0

7.6

0.0

7.6

39.0

0.0

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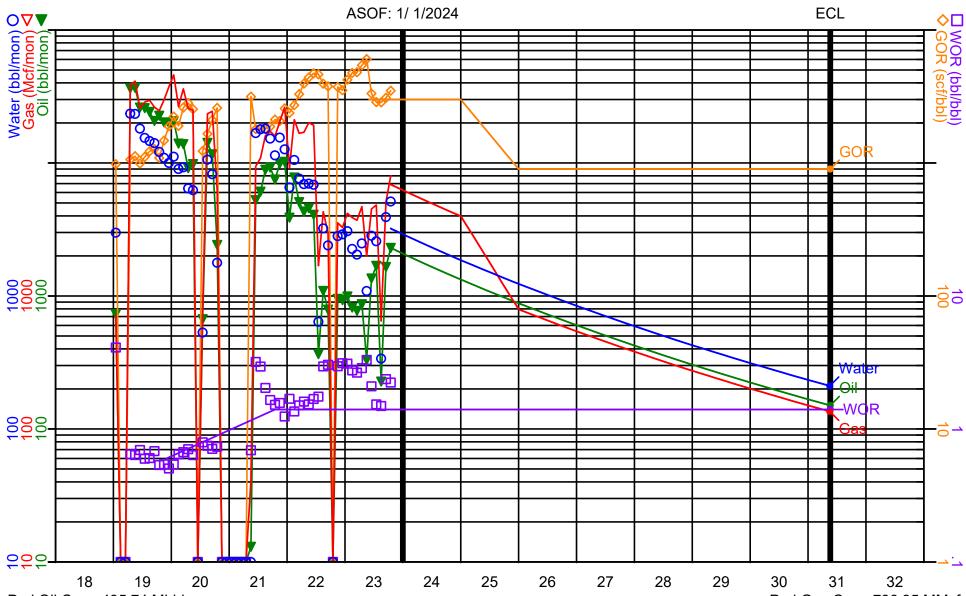
65.8

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65.8

Case Name: MORRIS 8-26H1 API Number: 33-025-03518 NDIC FILE No: 35082 Reservoir: THREE FORKS 1 Perfs: 11552-18618

CTB No: 235080



Proj Oil Cum: 435.74 Mbbl Oil Rem: 58.43 Mbbl Oil EUR: 494.17 Mbbl Proj Gas Cum: 786.95 MMcf Gas Rem: 106.66 MMcf Gas EUR: 893.61 MMcf

## 1/25/2024 12:00:00AM

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.069774 INITIAL REVENUE INTEREST :

PHDWIN ID: 39

MORRIS 8-26H1 NAME: OAKDALE FIELD: RESERVOIR: THREE FORKS 1 COUNTY, STATE:

OPERATOR:

DUNN, ND CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	20.1	0.0	60.2	1.2	0.0	3.3	78.670	0.000	2.929	93.4	0.0	9.8	103.2
12-31-2025	13.0	0.0	23.6	0.8	0.0	1.3	78.670	0.000	2.929	60.5	0.0	3.8	64.4
12-31-2026	8.8	0.0	7.9	0.5	0.0	0.4	78.670	0.000	2.929	40.8	0.0	1.3	42.0
12-31-2027	6.1	0.0	5.5	0.4	0.0	0.3	78.670	0.000	2.929	28.2	0.0	0.9	29.1
12-31-2028	4.3	0.0	3.9	0.3	0.0	0.2	78.670	0.000	2.929	20.1	0.0	0.6	20.8
12-31-2029	3.1	0.0	2.8	0.2	0.0	0.2	78.670	0.000	2.929	14.6	0.0	0.5	15.0
12-31-2030	2.3	0.0	2.1	0.1	0.0	0.1	78.670	0.000	2.929	10.8	0.0	0.3	11.1
12-31-2031	0.7	0.0	0.6	0.0	0.0	0.0	78.670	0.000	2.929	3.3	0.0	0.1	3.4
12-31-2032	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	58.4	0.0	106.7	3.5	0.0	5.9	78.670	0.000	2.929	271.7	0.0	17.4	289.1
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	58.4	0.0	106.7	3.5	0.0	5.9	78.670	0.000	2.929	271.7	0.0	17.4	289.1
CUM PROD	435.7	0.0	787.0										
ULTIMATE	494.2	0.0	893.6										

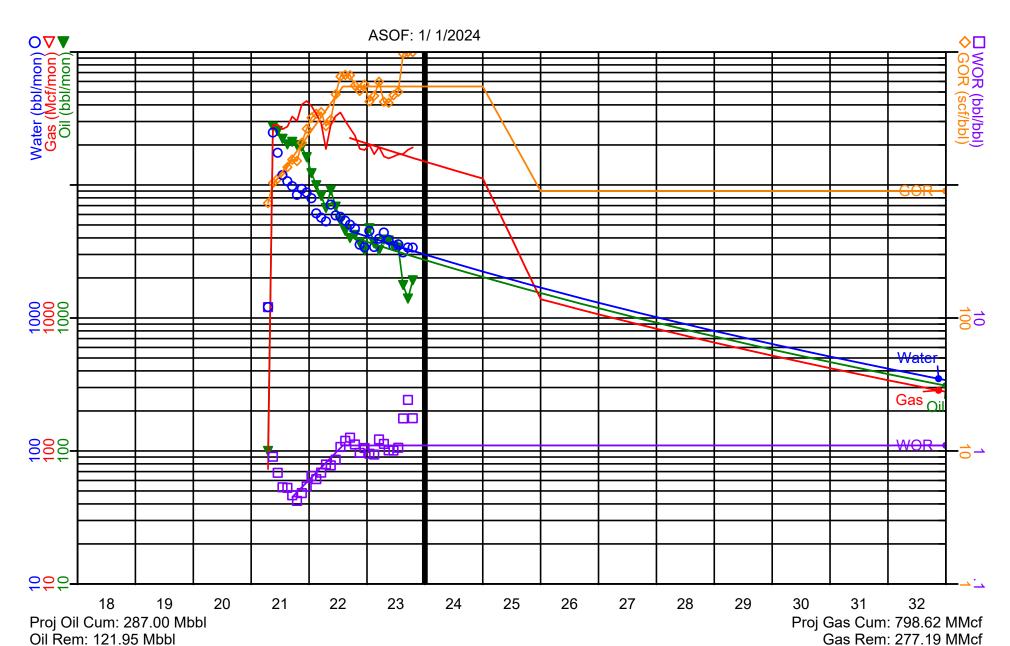
				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	INTED	DISCOUNTE	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	10.9	0.0	15.3	77.0	77.0	73.3	73.3	0	171.9
12-31-2025	1	0.1	0.0	7.0	0.0	12.3	45.1	122.1	38.9	112.1	5	160.8
12-31-2026	1	0.1	0.0	4.7	0.0	10.5	26.8	148.9	20.9	133.0	8	154.5
12-31-2027	1	0.1	0.0	3.3	0.0	9.4	16.5	165.4	11.6	144.7	10	150.4
12-31-2028	1	0.1	0.0	2.3	0.0	8.7	9.7	175.1	6.2	150.9	12	146.5
12-31-2029	1	0.1	0.0	1.7	0.0	8.2	5.1	180.2	3.0	153.8	15	140.9
12-31-2030	1	0.1	0.0	1.2	0.0	7.9	2.0	182.2	1.1	154.9	20	132.3
12-31-2031	1	0.1	0.0	0.4	0.0	2.9	0.2	182.4	0.1	155.0	30	117.3
12-31-2032	0	0.0	0.0	0.0	10.5	0.0	-10.5	171.9	-4.5	150.4	40	105.1
											50	95.0
SUBTOTAL			0.0	31.5	10.5	75.2	171.9	171.9	150.4	150.4		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	150.4		
TOTAL OF 7.4 Y	'RS		0.0	31.5	10.5	75.2	171.9	171.9	150.4	150.4		

Case Name: MORRIS 9-26H API Number: 33-025-03521 NDIC FILE No: 35085

Oil EUR: 408.95 Mbbl

Reservoir: MIDDLE BAKKEN Perfs: 11570-18873

CTB No: 235080



E110

Gas EUR: 1,075.80 MMcf

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

1/25/2024 12:00:00AM

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST: 0.059351

PHDWIN ID: 40

NAME : FIELD : RESERVOIR :

MORRIS 9-26H OAKDALE MIDDLE BAKKEN DUNN, ND

COUNTY, STATE : OPERATOR :

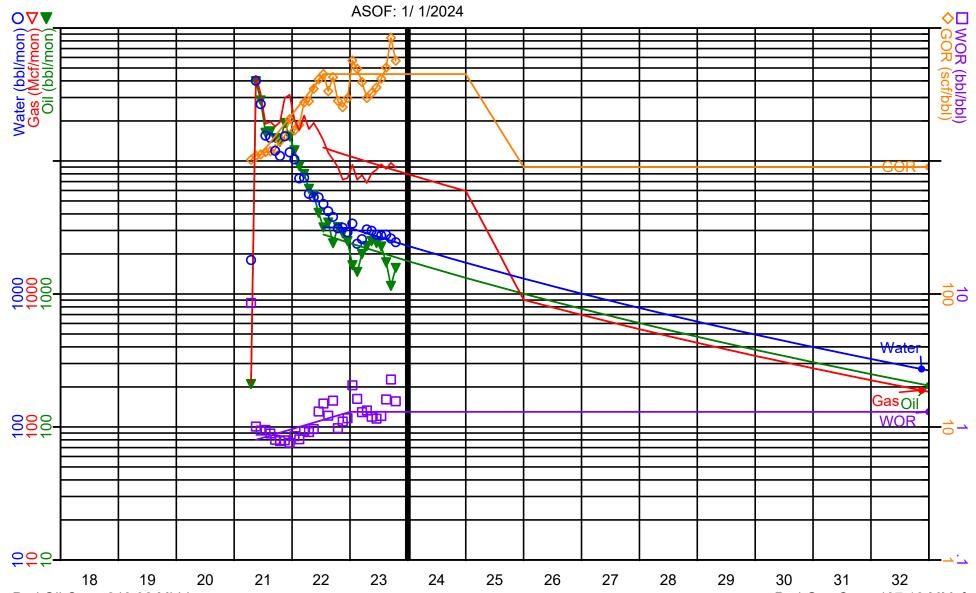
OR: CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	28.3	0.0	155.9	1.7	0.0	8.7	78.670	0.000	2.929	132.4	0.0	25.5	157.8
12-31-2025	21.2	0.0	56.1	1.3	0.0	3.1	78.670	0.000	2.929	99.1	0.0	9.2	108.3
12-31-2026	16.2	0.0	14.6	1.0	0.0	0.8	78.670	0.000	2.929	75.7	0.0	2.4	78.0
12-31-2027	12.5	0.0	11.3	0.7	0.0	0.6	78.670	0.000	2.929	58.6	0.0	1.8	60.4
12-31-2028	9.8	0.0	8.9	0.6	0.0	0.5	78.670	0.000	2.929	46.0	0.0	1.4	47.4
12-31-2029	7.8	0.0	7.0	0.5	0.0	0.4	78.670	0.000	2.929	36.3	0.0	1.1	37.5
12-31-2030	6.2	0.0	5.6	0.4	0.0	0.3	78.670	0.000	2.929	29.1	0.0	0.9	30.0
12-31-2031	5.0	0.0	4.5	0.3	0.0	0.3	78.670	0.000	2.929	23.5	0.0	0.7	24.3
12-31-2032	4.1	0.0	3.7	0.2	0.0	0.2	78.670	0.000	2.929	19.2	0.0	0.6	19.8
12-31-2033	3.4	0.0	3.0	0.2	0.0	0.2	78.670	0.000	2.929	15.8	0.0	0.5	16.3
12-31-2034	2.8	0.0	2.5	0.2	0.0	0.1	78.670	0.000	2.929	13.1	0.0	0.4	13.5
12-31-2035	2.3	0.0	2.1	0.1	0.0	0.1	78.670	0.000	2.929	10.9	0.0	0.3	11.2
12-31-2036	2.0	0.0	1.8	0.1	0.0	0.1	78.670	0.000	2.929	9.2	0.0	0.3	9.4
12-31-2037	0.1	0.0	0.1	0.0	0.0	0.0	78.670	0.000	2.929	0.7	0.0	0.0	0.7
12-31-2038	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	122.0	0.0	277.2	7.2	0.0	15.5	78.670	0.000	2.929	569.4	0.0	45.3	614.7
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	122.0	0.0	277.2	7.2	0.0	15.5	78.670	0.000	2.929	569.4	0.0	45.3	614.7
CUM PROD	287.0	0.0	798.6										
ULTIMATE	409.0	0.0	1,075.8										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	INTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	15.6	0.0	17.1	125.2	125.2	118.9	118.9	0	405.1
12-31-2025	1	0.1	0.0	11.5	0.0	14.3	82.5	207.7	71.1	190.0	5	358.1
12-31-2026	1	0.1	0.0	8.7	0.0	12.4	56.9	264.6	44.3	234.3	8	334.1
12-31-2027	1	0.1	0.0	6.8	0.0	11.2	42.4	307.0	29.9	264.2	10	319.6
12-31-2028	1	0.1	0.0	5.3	0.0	10.3	31.8	338.8	20.3	284.5	12	306.2
12-31-2029	1	0.1	0.0	4.2	0.0	9.6	23.7	362.5	13.7	298.2	15	288.0
12-31-2030	1	0.1	0.0	3.4	0.0	9.1	17.6	380.1	9.2	307.4	20	261.7
12-31-2031	1	0.1	0.0	2.7	0.0	8.7	12.9	393.0	6.1	313.5	30	221.1
12-31-2032	1	0.1	0.0	2.2	0.0	8.4	9.3	402.2	4.0	317.4	40	191.4
12-31-2033	1	0.1	0.0	1.8	0.0	8.1	6.3	408.6	2.5	319.9	50	168.8
12-31-2034	1	0.1	0.0	1.5	0.0	7.9	4.0	412.6	1.4	321.3		
12-31-2035	1	0.1	0.0	1.3	0.0	7.8	2.2	414.8	0.7	322.0		
12-31-2036	1	0.1	0.0	1.1	0.0	7.6	0.7	415.6	0.2	322.2		
12-31-2037	1	0.1	0.0	0.1	0.0	0.6	0.0	415.6	0.0	322.2		
12-31-2038	0	0.0	0.0	0.0	10.5	0.0	-10.5	405.1	-2.6	319.6		
SUBTOTAL			0.0	66.1	10.5	133.0	405.1	405.1	319.6	319.6		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	319.6		
TOTAL OF 13.1 YI	RS		0.0	66.1	10.5	133.0	405.1	405.1	319.6	319.6		

Case Name: MORRIS 10-26H2 API Number: 33-025-03522 NDIC FILE No: 35086 Reservoir: THREE FORKS 2 Perfs: 11715-18977

CTB No: 235080



Proj Oil Cum: 249.92 Mbbl Oil Rem: 76.28 Mbbl Oil EUR: 326.19 Mbbl Proj Gas Cum: 487.10 MMcf Gas Rem: 154.57 MMcf Gas EUR: 641.68 MMcf

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST: 0.059351

PHDWIN ID: 41

1/25/2024 12:00:00AM

NAME: MORRIS 10-26H2
FIELD: OAKDALE
RESERVOIR: THREE FORKS 2
COUNTY, STATE: DUNN, ND

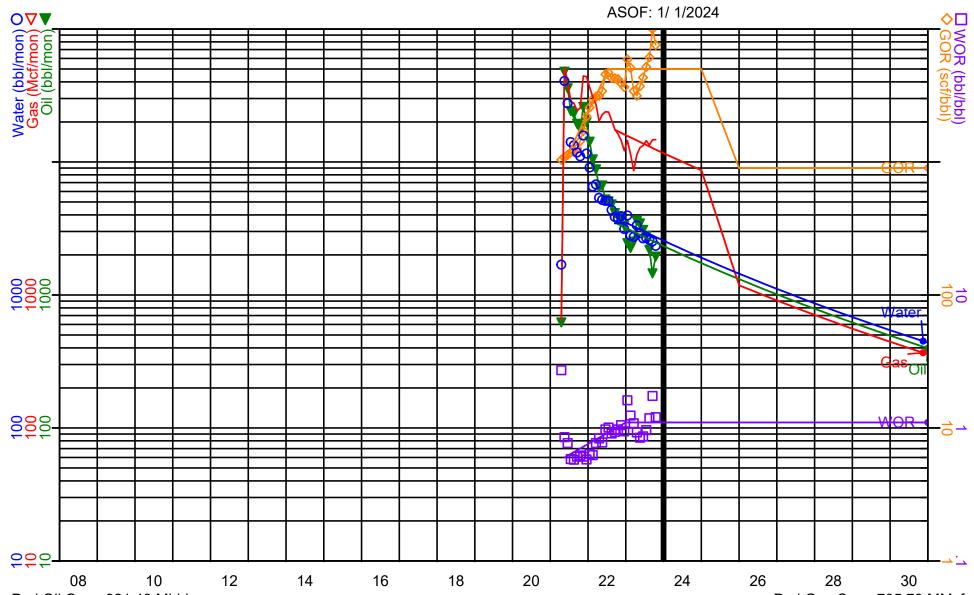
OPERATOR: CONTINENTAL RESOURCES

THE WINTER										or Ere ir ore :	COLLINIE	IL RESCONCES	
PERIOD	G	ROSS RESERVES			NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	18.4	0.0	82.9	1.1	0.0	4.6	78.670	0.000	2.929	86.0	0.0	13.5	99.6
12-31-2025	13.8	0.0	32.1	0.8	0.0	1.8	78.670	0.000	2.929	64.6	0.0	5.2	69.8
12-31-2026	10.6	0.0	9.5	0.6	0.0	0.5	78.670	0.000	2.929	49.4	0.0	1.6	51.0
12-31-2027	8.2	0.0	7.4	0.5	0.0	0.4	78.670	0.000	2.929	38.3	0.0	1.2	39.5
12-31-2028	6.5	0.0	5.8	0.4	0.0	0.3	78.670	0.000	2.929	30.2	0.0	1.0	31.1
12-31-2029	5.1	0.0	4.6	0.3	0.0	0.3	78.670	0.000	2.929	23.9	0.0	0.8	24.6
12-31-2030	4.1	0.0	3.7	0.2	0.0	0.2	78.670	0.000	2.929	19.2	0.0	0.6	19.8
12-31-2031	3.3	0.0	3.0	0.2	0.0	0.2	78.670	0.000	2.929	15.5	0.0	0.5	16.0
12-31-2032	2.7	0.0	2.4	0.2	0.0	0.1	78.670	0.000	2.929	12.7	0.0	0.4	13.1
12-31-2033	2.2	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	10.4	0.0	0.3	10.7
12-31-2034	1.3	0.0	1.1	0.1	0.0	0.1	78.670	0.000	2.929	5.9	0.0	0.2	6.1
12-31-2035	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	76.3	0.0	154.6	4.5	0.0	8.6	78.670	0.000	2.929	356.1	0.0	25.3	381.4
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	76.3	0.0	154.6	4.5	0.0	8.6	78.670	0.000	2.929	356.1	0.0	25.3	381.4
CUM PROD	249.9	0.0	487.1										
ULTIMATE	326.2	0.0	641.7										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	FACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	10.1	0.0	14.4	75.1	75.1	71.4	71.4	0	225.5
12-31-2025	1	0.1	0.0	7.5	0.0	12.4	50.0	125.1	43.0	114.4	5	203.4
12-31-2026	1	0.1	0.0	5.7	0.0	11.0	34.2	159.3	26.7	141.1	8	191.6
12-31-2027	1	0.1	0.0	4.4	0.0	10.1	25.0	184.3	17.6	158.7	10	184.3
12-31-2028	1	0.1	0.0	3.5	0.0	9.5	18.2	202.5	11.6	170.3	12	177.5
12-31-2029	1	0.1	0.0	2.8	0.0	8.9	12.9	215.4	7.5	177.8	15	167.9
12-31-2030	1	0.1	0.0	2.2	0.0	8.6	9.0	224.4	4.7	182.5	20	153.9
12-31-2031	1	0.1	0.0	1.8	0.0	8.3	6.0	230.4	2.8	185.3	30	131.3
12-31-2032	1	0.1	0.0	1.5	0.0	8.0	3.6	234.0	1.5	186.8	40	114.3
12-31-2033	1	0.1	0.0	1.2	0.0	7.8	1.7	235.7	0.7	187.5	50	101.1
12-31-2034	1	0.1	0.0	0.7	0.0	5.1	0.4	236.0	0.1	187.6		
12-31-2035	0	0.0	0.0	0.0	10.5	0.0	-10.5	225.5	-3.3	184.3		
SUBTOTAL			0.0	41.3	10.5	104.1	225.5	225.5	184.3	184.3		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	184.3		
TOTAL OF 10.7 Y	RS		0.0	41.3	10.5	104.1	225.5	225.5	184.3	184.3		

Case Name: MORRIS 11-26H API Number: 33-025-03523 NDIC FILE No: 35087 Reservoir: MIDDLE BAKKEN Perfs: 11660-18938

CTB No: 235080



Proj Oil Cum: 321.49 Mbbl Oil Rem: 102.60 Mbbl

Oil EUR: 424.09 Mbbl

Proj Gas Cum: 705.73 MMcf Gas Rem: 220.25 MMcf Gas EUR: 925.97 MMcf

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST: 0.059351

PHDWIN ID: 42

1/25/2024 12:00:00AM

NAME: MORRIS 11-26H
FIELD: OAKDALE
RESERVOIR: MIDDLE BAKKEN
COUNTY, STATE: DUNN, ND

COUNTY, STATE: DUNN, ND
OPERATOR: CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES	<u> </u>		GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	24.2	0.0	121.0	1.4	0.0	6.8	78.670	0.000	2.929	113.0	0.0	19.8	132.8
12-31-2025	18.1	0.0	45.0	1.1	0.0	2.5	78.670	0.000	2.929	84.6	0.0	7.4	92.0
12-31-2026	13.8	0.0	12.5	0.8	0.0	0.7	78.670	0.000	2.929	64.6	0.0	2.0	66.6
12-31-2027	10.7	0.0	9.6	0.6	0.0	0.5	78.670	0.000	2.929	50.0	0.0	1.6	51.6
12-31-2028	8.4	0.0	7.6	0.5	0.0	0.4	78.670	0.000	2.929	39.3	0.0	1.2	40.5
12-31-2029	6.6	0.0	6.0	0.4	0.0	0.3	78.670	0.000	2.929	31.0	0.0	1.0	32.0
12-31-2030	5.3	0.0	4.8	0.3	0.0	0.3	78.670	0.000	2.929	24.8	0.0	0.8	25.6
12-31-2031	4.3	0.0	3.9	0.3	0.0	0.2	78.670	0.000	2.929	20.1	0.0	0.6	20.7
12-31-2032	3.5	0.0	3.2	0.2	0.0	0.2	78.670	0.000	2.929	16.4	0.0	0.5	16.9
12-31-2033	2.9	0.0	2.6	0.2	0.0	0.1	78.670	0.000	2.929	13.5	0.0	0.4	13.9
12-31-2034	2.4	0.0	2.1	0.1	0.0	0.1	78.670	0.000	2.929	11.1	0.0	0.4	11.5
12-31-2035	2.0	0.0	1.8	0.1	0.0	0.1	78.670	0.000	2.929	9.3	0.0	0.3	9.6
12-31-2036	0.3	0.0	0.3	0.0	0.0	0.0	78.670	0.000	2.929	1.3	0.0	0.0	1.4
12-31-2037	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	102.6	0.0	220.2	6.1	0.0	12.3	78.670	0.000	2.929	479.0	0.0	36.0	515.0
						0.0		0.000					
REMAINING TOTAL	0.0 102.6	0.0 0.0	0.0 220.2	0.0 6.1	0.0 0.0	12.3	0.000 78.670	0.000	0.000 2.929	0.0 479.0	0.0 0.0	0.0 36.0	0.0 515.0
	321.5	0.0	705.7	0.1	0.0	12.3	78.070	0.000	2.929	4/9.0	0.0	30.0	313.0
CUM PROD													
ULTIMATE	424.1	0.0	926.0										

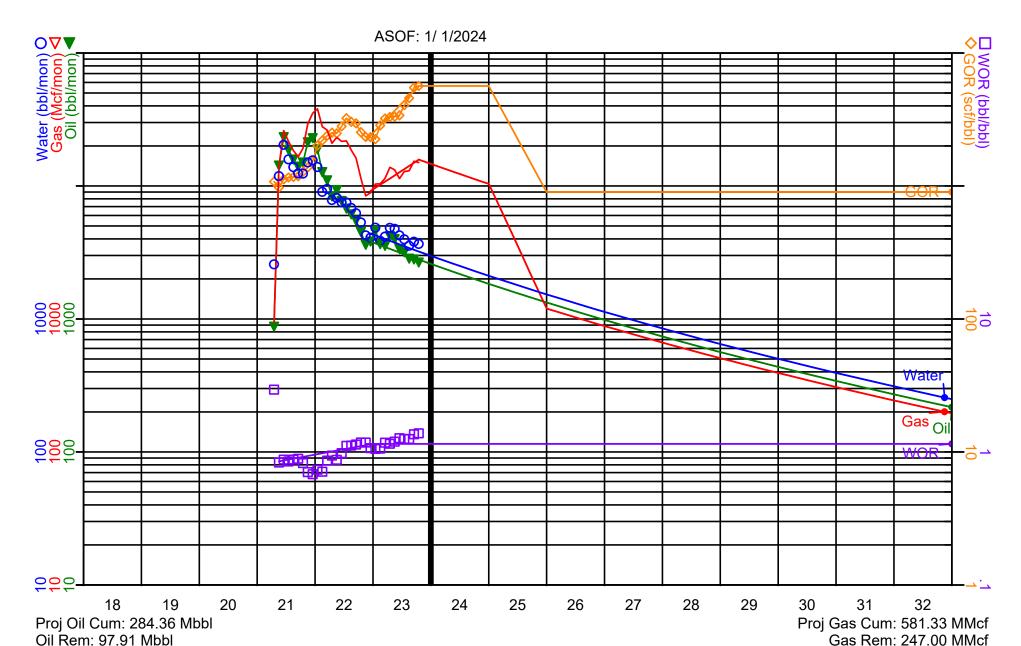
				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE .	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING _	COMPLET	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	13.3	0.0	15.6	103.9	103.9	98.8	98.8	0	329.0
12-31-2025	1	0.1	0.0	9.8	0.0	13.2	69.0	172.9	59.4	158.1	5	292.9
12-31-2026	1	0.1	0.0	7.5	0.0	11.6	47.5	220.4	37.0	195.2	8	274.1
12-31-2027	1	0.1	0.0	5.8	0.0	10.6	35.2	255.6	24.8	220.0	10	262.7
12-31-2028	1	0.1	0.0	4.5	0.0	9.8	26.2	281.8	16.7	236.7	12	252.1
12-31-2029	1	0.1	0.0	3.6	0.0	9.2	19.2	301.0	11.1	247.7	15	237.6
12-31-2030	1	0.1	0.0	2.9	0.0	8.8	14.0	315.0	7.3	255.1	20	216.4
12-31-2031	1	0.1	0.0	2.3	0.0	8.4	10.0	325.0	4.7	259.8	30	183.4
12-31-2032	1	0.1	0.0	1.9	0.0	8.2	6.9	331.8	2.9	262.7	40	159.0
12-31-2033	1	0.1	0.0	1.6	0.0	7.9	4.4	336.2	1.7	264.4	50	140.3
12-31-2034	1	0.1	0.0	1.3	0.0	7.8	2.4	338.6	0.9	265.3		
12-31-2035	1	0.1	0.0	1.1	0.0	7.6	0.9	339.5	0.3	265.6		
12-31-2036	1	0.1	0.0	0.2	0.0	1.2	0.0	339.5	0.0	265.6		
12-31-2037	0	0.0	0.0	0.0	10.5	0.0	-10.5	329.0	-2.8	262.7		
SUBTOTAL			0.0	55.6	10.5	119.9	329.0	329.0	262.7	262.7		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	262.7		
TOTAL OF 12.2 Y	RS		0.0	55.6	10.5	119.9	329.0	329.0	262.7	262.7		

Case Name: MORRIS 12-26H1 API Number: 33-025-04054 NDIC FILE No: 37713

Oil EUR: 382.27 Mbbl

Reservoir: THREE FORKS 1 Perfs: 11683-21932

CTB No: 235080



Gas EUR: 828.33 MMcf

#### 1/25/2024 12:00:00AM PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

All estimates and exhibits are part of this report and subject to its parameters and conditions.

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST :

PHDWIN ID: 43

MORRIS 12-26H1 NAME: OAKDALE FIELD: RESERVOIR: THREE FORKS 1 DUNN, ND CONTINENTAL RESOURCES COUNTY, STATE:

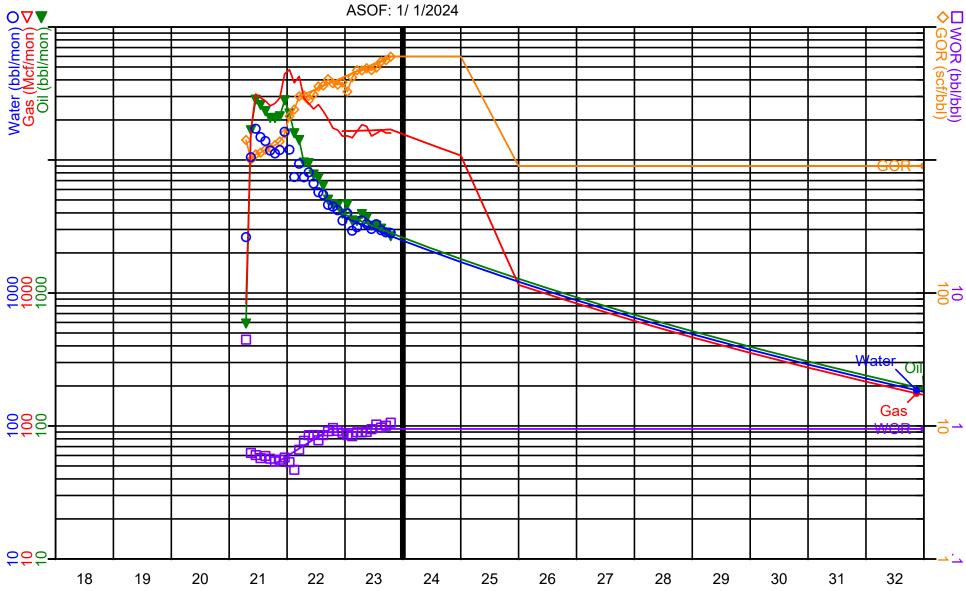
OPERATOR:

PERIOD	G	ROSS RESERVES			NET RESERVES		A	VERAGE PRICES			GROSS RE	VENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	26.3	0.0	148.6	1.6	0.0	8.3	78.670	0.000	2.929	122.8	0.0	24.3	147.1
12-31-2025	18.8	0.0	50.9	1.1	0.0	2.8	78.670	0.000	2.929	87.7	0.0	8.3	96.0
12-31-2026	13.7	0.0	12.4	0.8	0.0	0.7	78.670	0.000	2.929	64.1	0.0	2.0	66.1
12-31-2027	10.2	0.0	9.2	0.6	0.0	0.5	78.670	0.000	2.929	47.8	0.0	1.5	49.3
12-31-2028	7.8	0.0	7.0	0.5	0.0	0.4	78.670	0.000	2.929	36.3	0.0	1.1	37.4
12-31-2029	6.0	0.0	5.4	0.4	0.0	0.3	78.670	0.000	2.929	27.8	0.0	0.9	28.7
12-31-2030	4.6	0.0	4.2	0.3	0.0	0.2	78.670	0.000	2.929	21.6	0.0	0.7	22.3
12-31-2031	3.7	0.0	3.3	0.2	0.0	0.2	78.670	0.000	2.929	17.1	0.0	0.5	17.6
12-31-2032	2.9	0.0	2.6	0.2	0.0	0.1	78.670	0.000	2.929	13.6	0.0	0.4	14.1
12-31-2033	2.3	0.0	2.1	0.1	0.0	0.1	78.670	0.000	2.929	10.9	0.0	0.3	11.3
12-31-2034	1.6	0.0	1.4	0.1	0.0	0.1	78.670	0.000	2.929	7.5	0.0	0.2	7.7
12-31-2035	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	97.9	0.0	247.0	5.8	0.0	13.8	78.670	0.000	2.929	457.2	0.0	40.4	497.5
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	97.9	0.0	247.0	5.8	0.0	13.8	78.670	0.000	2.929	457.2	0.0	40.4	497.5
CUM PROD	284.4	0.0	581.3										
ULTIMATE	382.3	0.0	828.3										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	14.5	0.0	16.7	115.9	115.9	110.2	110.2	0	323.6
12-31-2025	1	0.1	0.0	10.2	0.0	13.7	72.1	188.0	62.1	172.3	5	292.6
12-31-2026	1	0.1	0.0	7.4	0.0	11.8	47.0	235.0	36.6	208.9	8	276.1
12-31-2027	1	0.1	0.0	5.5	0.0	10.5	33.2	268.3	23.4	232.4	10	266.0
12-31-2028	1	0.1	0.0	4.2	0.0	9.7	23.5	291.8	15.0	247.4	12	256.5
12-31-2029	1	0.1	0.0	3.2	0.0	9.1	16.4	308.2	9.5	256.9	15	243.3
12-31-2030	1	0.1	0.0	2.5	0.0	8.6	11.2	319.4	5.9	262.7	20	223.8
12-31-2031	1	0.1	0.0	2.0	0.0	8.3	7.4	326.8	3.5	266.2	30	192.6
12-31-2032	1	0.1	0.0	1.6	0.0	8.0	4.5	331.3	1.9	268.2	40	168.9
12-31-2033	1	0.1	0.0	1.3	0.0	7.8	2.2	333.5	0.9	269.0	50	150.3
12-31-2034	1	0.1	0.0	0.9	0.0	6.3	0.6	334.1	0.2	269.2		
12-31-2035	0	0.0	0.0	0.0	10.5	0.0	-10.5	323.6	-3.2	266.0		
SUBTOTAL			0.0	53.1	10.5	110.3	323.6	323.6	266.0	266.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	266.0		
TOTAL OF 10.8 Y	/RS		0.0	53.1	10.5	110.3	323.6	323.6	266.0	266.0		

Case Name: MORRIS 13-26H API Number: 33-025-04055 NDIC FILE No: 37714 Reservoir: MIDDLE BAKKEN Perfs: 11552-21804

CTB No: 235080



Proj Oil Cum: 336.32 Mbbl Oil Rem: 91.97 Mbbl Oil EUR: 428.28 Mbbl Proj Gas Cum: 753.43 MMcf Gas Rem: 251.16 MMcf Gas EUR: 1,004.59 MMcf

#### 1/25/2024 12:00:00AM PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST :

PHDWIN ID: 44

MORRIS 13-26H NAME: OAKDALE FIELD: RESERVOIR: MIDDLE BAKKEN COUNTY, STATE:

OPERATOR:

DUNN, ND CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES			NET RESERVES		A	VERAGE PRICES			GROSS REV	VENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	26.1	0.0	156.7	1.6	0.0	8.7	78.670	0.000	2.929	122.0	0.0	25.6	147.6
12-31-2025	18.2	0.0	51.6	1.1	0.0	2.9	78.670	0.000	2.929	85.2	0.0	8.4	93.6
12-31-2026	13.1	0.0	11.8	0.8	0.0	0.7	78.670	0.000	2.929	61.1	0.0	1.9	63.0
12-31-2027	9.6	0.0	8.6	0.6	0.0	0.5	78.670	0.000	2.929	44.7	0.0	1.4	46.2
12-31-2028	7.2	0.0	6.4	0.4	0.0	0.4	78.670	0.000	2.929	33.5	0.0	1.1	34.5
12-31-2029	5.4	0.0	4.9	0.3	0.0	0.3	78.670	0.000	2.929	25.3	0.0	0.8	26.1
12-31-2030	4.2	0.0	3.7	0.2	0.0	0.2	78.670	0.000	2.929	19.5	0.0	0.6	20.1
12-31-2031	3.2	0.0	2.9	0.2	0.0	0.2	78.670	0.000	2.929	15.2	0.0	0.5	15.6
12-31-2032	2.6	0.0	2.3	0.2	0.0	0.1	78.670	0.000	2.929	12.0	0.0	0.4	12.4
12-31-2033	2.0	0.0	1.8	0.1	0.0	0.1	78.670	0.000	2.929	9.5	0.0	0.3	9.8
12-31-2034	0.3	0.0	0.3	0.0	0.0	0.0	78.670	0.000	2.929	1.6	0.0	0.0	1.6
12-31-2035	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	92.0	0.0	251.2	5.5	0.0	14.0	78.670	0.000	2.929	429.4	0.0	41.0	470.5
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	92.0	0.0	251.2	5.5	0.0	14.0	78.670	0.000	2.929	429.4	0.0	41.0	470.5
CUM PROD	336.3	0.0	753.4										
ULTIMATE	428.3	0.0	1,004.6										

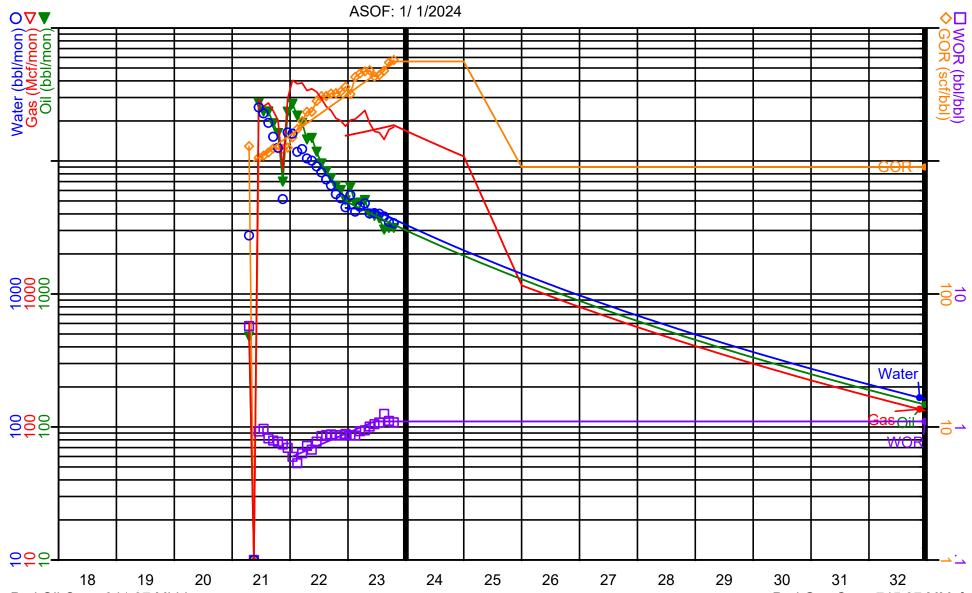
				NET DEDUCTIONS	E/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEL	AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	14.4	0.0	15.4	117.8	117.8	112.0	112.0	0	310.5
12-31-2025	1	0.1	0.0	9.9	0.0	12.6	71.1	188.8	61.3	173.2	5	282.8
12-31-2026	1	0.1	0.0	7.1	0.0	10.9	45.1	233.9	35.1	208.3	8	267.9
12-31-2027	1	0.1	0.0	5.2	0.0	9.9	31.1	265.0	22.0	230.3	10	258.7
12-31-2028	1	0.1	0.0	3.9	0.0	9.1	21.5	286.5	13.7	244.0	12	250.0
12-31-2029	1	0.1	0.0	2.9	0.0	8.6	14.6	301.1	8.4	252.4	15	237.8
12-31-2030	1	0.1	0.0	2.2	0.0	8.2	9.6	310.7	5.0	257.5	20	219.8
12-31-2031	1	0.1	0.0	1.8	0.0	8.0	5.9	316.6	2.8	260.3	30	190.4
12-31-2032	1	0.1	0.0	1.4	0.0	7.7	3.2	319.9	1.4	261.7	40	167.8
12-31-2033	1	0.1	0.0	1.1	0.0	7.6	1.1	321.0	0.4	262.1	50	150.0
12-31-2034	1	0.1	0.0	0.2	0.0	1.4	0.0	321.0	0.0	262.1		
12-31-2035	0	0.0	0.0	0.0	10.5	0.0	-10.5	310.5	-3.5	258.7		
SUBTOTAL			0.0	49.9	10.5	99.5	310.5	310.5	258.7	258.7		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	258.7		
TOTAL OF 10.2 Y	RS		0.0	49.9	10.5	99.5	310.5	310.5	258.7	258.7		

Case Name: MORRIS 14-26HSL2 API Number: 33-025-04068

NDIC FILE No: 37793

Reservoir: THREE FORKS 2 Perfs: 11627-21872

CTB No: 235080



Proj Oil Cum: 341.37 Mbbl Oil Rem: 89.06 Mbbl

Oil EUR: 430.43 Mbbl

Proj Gas Cum: 745.97 MMcf Gas Rem: 251.85 MMcf Gas EUR: 997.81 MMcf

## 1/25/2024 12:00:00AM

PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.035035 INITIAL REVENUE INTEREST :

PHDWIN ID: 45

MORRIS 14-26HSL2 NAME: CORRAL CREEK FIELD: RESERVOIR: THREE FORKS 2 COUNTY, STATE:

DUNN, ND CONTINENTAL RESOURCES OPERATOR:

PERIOD	Gl	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	29.2	0.0	163.3	0.9	0.0	4.6	78.670	0.000	2.929	68.1	0.0	13.3	81.4
12-31-2025	19.0	0.0	51.8	0.6	0.0	1.4	78.670	0.000	2.929	44.4	0.0	4.2	48.6
12-31-2026	12.9	0.0	11.6	0.4	0.0	0.3	78.670	0.000	2.929	30.0	0.0	0.9	31.0
12-31-2027	9.0	0.0	8.1	0.3	0.0	0.2	78.670	0.000	2.929	20.9	0.0	0.7	21.6
12-31-2028	6.4	0.0	5.8	0.2	0.0	0.2	78.670	0.000	2.929	15.0	0.0	0.5	15.4
12-31-2029	4.7	0.0	4.2	0.1	0.0	0.1	78.670	0.000	2.929	10.9	0.0	0.3	11.2
12-31-2030	3.5	0.0	3.1	0.1	0.0	0.1	78.670	0.000	2.929	8.1	0.0	0.3	8.3
12-31-2031	2.6	0.0	2.3	0.1	0.0	0.1	78.670	0.000	2.929	6.1	0.0	0.2	6.3
12-31-2032	1.9	0.0	1.8	0.1	0.0	0.0	78.670	0.000	2.929	4.5	0.0	0.1	4.7
12-31-2033	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	89.1	0.0	251.8	2.6	0.0	7.0	78.670	0.000	2.929	207.9	0.0	20.6	228.5
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	89.1	0.0	251.8	2.6	0.0	7.0	78.670	0.000	2.929	207.9	0.0	20.6	228.5
CUM PROD	341.4	0.0	746.0										
ULTIMATE	430.4	0.0	997.8										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	8.0	0.0	8.7	64.7	64.7	61.5	61.5	0	152.4
12-31-2025	1	0.0	0.0	5.2	0.0	6.8	36.7	101.4	31.6	93.2	5	140.6
12-31-2026	1	0.0	0.0	3.5	0.0	5.7	21.9	123.2	17.0	110.2	8	134.2
12-31-2027	1	0.0	0.0	2.4	0.0	5.0	14.2	137.4	10.0	120.2	10	130.1
12-31-2028	1	0.0	0.0	1.7	0.0	4.6	9.1	146.5	5.8	126.1	12	126.3
12-31-2029	1	0.0	0.0	1.3	0.0	4.3	5.7	152.2	3.3	129.3	15	120.8
12-31-2030	1	0.0	0.0	0.9	0.0	4.1	3.3	155.5	1.7	131.1	20	112.7
12-31-2031	1	0.0	0.0	0.7	0.0	3.9	1.7	157.2	0.8	131.9	30	99.0
12-31-2032	1	0.0	0.0	0.5	0.0	3.7	0.5	157.7	0.2	132.1	40	88.2
12-31-2033	0	0.0	0.0	0.0	5.3	0.0	-5.3	152.4	-1.9	130.1	50	79.5
SUBTOTAL			0.0	24.2	5.3	46.7	152.4	152.4	130.1	130.1		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	130.1		
TOTAL OF 9.0 Y	RS		0.0	24.2	5.3	46.7	152.4	152.4	130.1	130.1		

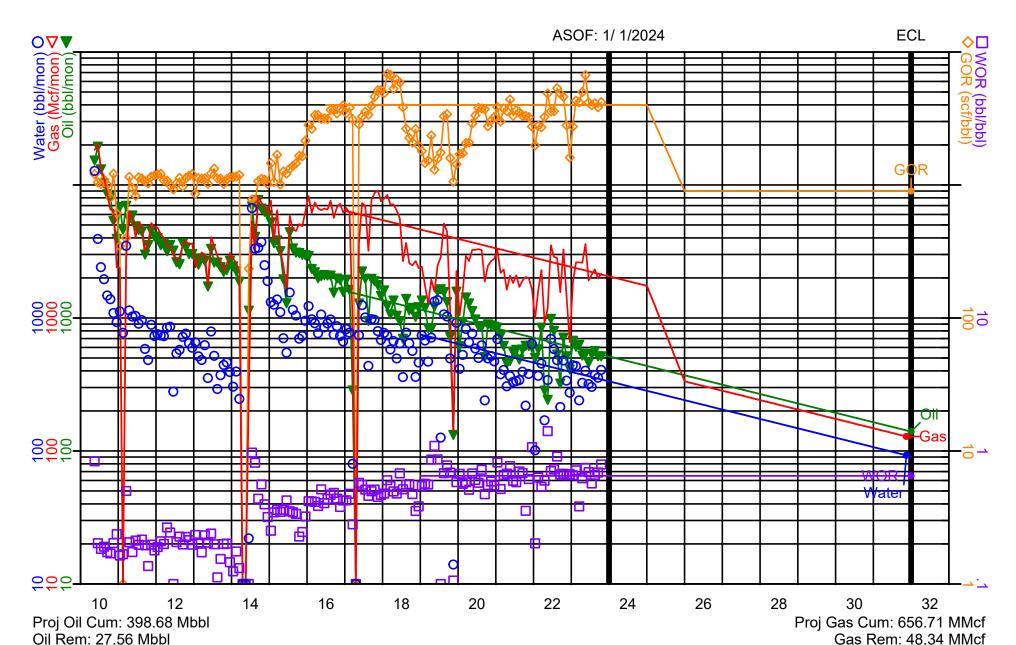
Case Name: SUMMERFIELD 15-15H

API Number: 33-025-01051 NDIC FILE No: 18725

Oil EUR: 426.23 Mbbl

Reservoir: MIDDLE BAKKEN Perfs: 11398-15449

CTB No: 118725



Gas EUR: 705.05 MMcf

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

1/25/2024 12:00:00AM

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.005102 INITIAL REVENUE INTEREST :

PHDWIN ID: 112

NAME: FIELD: RESERVOIR: SUMMERFIELD 15-15H

BEAR CREEK MIDDLE BAKKEN

COUNTY, STATE: OPERATOR:

DUNN, ND ENERPLUS RESOURCES USA CORP

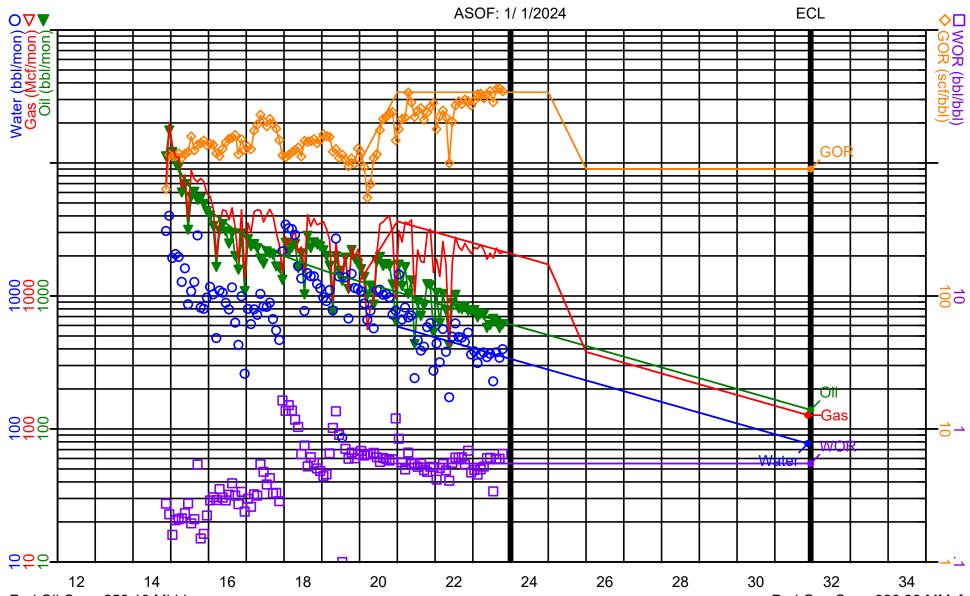
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	5.7	0.0	22.8	0.0	0.0	0.1	78.670	0.000	2.929	2.0	0.0	0.3	2.3
12-31-2025	4.8	0.0	10.2	0.0	0.0	0.0	78.670	0.000	2.929	1.7	0.0	0.1	1.8
12-31-2026	4.1	0.0	3.7	0.0	0.0	0.0	78.670	0.000	2.929	1.4	0.0	0.0	1.5
12-31-2027	3.5	0.0	3.1	0.0	0.0	0.0	78.670	0.000	2.929	1.2	0.0	0.0	1.3
12-31-2028	3.0	0.0	2.7	0.0	0.0	0.0	78.670	0.000	2.929	1.0	0.0	0.0	1.1
12-31-2029	2.5	0.0	2.3	0.0	0.0	0.0	78.670	0.000	2.929	0.9	0.0	0.0	0.9
12-31-2030	2.1	0.0	1.9	0.0	0.0	0.0	78.670	0.000	2.929	0.7	0.0	0.0	0.8
12-31-2031	1.8	0.0	1.6	0.0	0.0	0.0	78.670	0.000	2.929	0.6	0.0	0.0	0.7
12-31-2032	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	27.6	0.0	48.3	0.1	0.0	0.2	78.670	0.000	2.929	9.6	0.0	0.6	10.2
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	27.6	0.0	48.3	0.1	0.0	0.2	78.670	0.000	2.929	9.6	0.0	0.6	10.2
CUM PROD	398.7	0.0	656.7										
ULTIMATE	426.2	0.0	705.1										

		_		NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.2	0.0	0.6	1.4	1.4	1.3	1.3	0	3.8
12-31-2025	1	0.0	0.0	0.2	0.0	0.6	1.0	2.4	0.9	2.2	5	3.6
12-31-2026	1	0.0	0.0	0.2	0.0	0.6	0.7	3.2	0.6	2.8	8	3.5
12-31-2027	1	0.0	0.0	0.1	0.0	0.6	0.5	3.7	0.4	3.2	10	3.4
12-31-2028	1	0.0	0.0	0.1	0.0	0.6	0.4	4.1	0.2	3.4	12	3.3
12-31-2029	1	0.0	0.0	0.1	0.0	0.6	0.3	4.4	0.1	3.6	15	3.1
12-31-2030	1	0.0	0.0	0.1	0.0	0.5	0.1	4.5	0.1	3.7	20	2.9
12-31-2031	1	0.0	0.0	0.1	0.0	0.5	0.0	4.6	0.0	3.7	30	2.5
12-31-2032	0	0.0	0.0	0.0	0.8	0.0	-0.8	3.8	-0.3	3.4	40	2.2
											50	2.0
SUBTOTAL			0.0	1.1	0.8	4.5	3.8	3.8	3.4	3.4		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4		
TOTAL OF 8.0 YR	.S		0.0	1.1	0.8	4.5	3.8	3.8	3.4	3.4		

Case Name: SUMMERFIELD 15H-1

API Number: 33-025-02531 NDIC FILE No: 28295 Reservoir: MIDDLE BAKKEN Perfs: 11236-15756

CTB No: 227547



Proj Oil Cum: 258.19 Mbbl Oil Rem: 30.44 Mbbl

Oil EUR: 288.63 Mbbl

Proj Gas Cum: 380.33 MMcf Gas Rem: 49.84 MMcf Gas EUR: 430.17 MMcf

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.006243 INITIAL REVENUE INTEREST :

PHDWIN ID: 113

1/25/2024 12:00:00AM

NAME: FIELD: RESERVOIR: SUMMERFIELD 15H-1 BEAR CREEK

COUNTY, STATE: OPERATOR:

MIDDLE BAKKEN

DUNN, ND ENERPLUS RESOURCES USA CORP

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	6.7	0.0	22.8	0.0	0.0	0.1	78.670	0.000	2.929	2.9	0.0	0.3	3.2
12-31-2025	5.6	0.0	10.7	0.0	0.0	0.1	78.670	0.000	2.929	2.4	0.0	0.2	2.5
12-31-2026	4.6	0.0	4.1	0.0	0.0	0.0	78.670	0.000	2.929	2.0	0.0	0.1	2.0
12-31-2027	3.8	0.0	3.4	0.0	0.0	0.0	78.670	0.000	2.929	1.6	0.0	0.1	1.7
12-31-2028	3.2	0.0	2.9	0.0	0.0	0.0	78.670	0.000	2.929	1.4	0.0	0.0	1.4
12-31-2029	2.6	0.0	2.4	0.0	0.0	0.0	78.670	0.000	2.929	1.1	0.0	0.0	1.2
12-31-2030	2.2	0.0	2.0	0.0	0.0	0.0	78.670	0.000	2.929	0.9	0.0	0.0	1.0
12-31-2031	1.7	0.0	1.6	0.0	0.0	0.0	78.670	0.000	2.929	0.7	0.0	0.0	0.8
12-31-2032	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	30.4	0.0	49.8	0.2	0.0	0.3	78.670	0.000	2.929	13.0	0.0	0.7	13.7
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	30.4	0.0	49.8	0.2	0.0	0.3	78.670	0.000	2.929	13.0	0.0	0.7	13.7
CUM PROD	258.2	0.0	380.3										
ULTIMATE	288.6	0.0	430.2										

				NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.3	0.0	0.8	2.1	2.1	2.0	2.0	0	5.8
12-31-2025	1	0.0	0.0	0.3	0.0	0.7	1.5	3.6	1.3	3.3	5	5.4
12-31-2026	1	0.0	0.0	0.2	0.0	0.7	1.1	4.7	0.9	4.2	8	5.2
12-31-2027	1	0.0	0.0	0.2	0.0	0.7	0.8	5.5	0.6	4.7	10	5.1
12-31-2028	1	0.0	0.0	0.2	0.0	0.7	0.6	6.1	0.4	5.1	12	4.9
12-31-2029	1	0.0	0.0	0.1	0.0	0.7	0.4	6.5	0.2	5.3	15	4.7
12-31-2030	1	0.0	0.0	0.1	0.0	0.7	0.2	6.7	0.1	5.4	20	4.4
12-31-2031	1	0.0	0.0	0.1	0.0	0.6	0.1	6.7	0.0	5.4	30	3.8
12-31-2032	0	0.0	0.0	0.0	0.9	0.0	-0.9	5.8	-0.4	5.1	40	3.3
											50	2.9
SUBTOTAL			0.0	1.5	0.9	5.5	5.8	5.8	5.1	5.1		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1		
TOTAL OF 8.0 Y	RS		0.0	1.5	0.9	5.5	5.8	5.8	5.1	5.1		

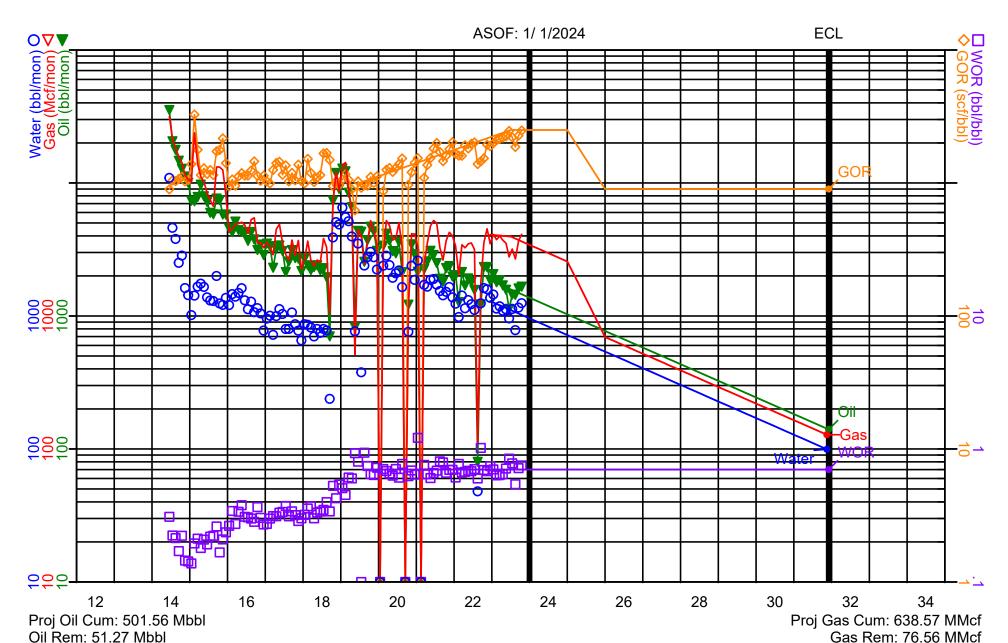
Case Name: SUMMERFIELD 15H-2

API Number: 33-025-02014 NDIC FILE No: 24515

Oil EUR: 552.83 Mbbl

Reservoir: MIDDLE BAKKEN Perfs: 11113-16154

CTB No: 124515



Gas EUR: 715.14 MMcf

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.012486 INITIAL REVENUE INTEREST : 0.010844

PHDWIN ID: 114

1/25/2024 12:00:00AM

NAME: FIELD: RESERVOIR: SUMMERFIELD 15H-2

BEAR CREEK MIDDLE BAKKEN

COUNTY, STATE:

DUNN, ND ENERPLUS RESOURCES USA CORP OPERATOR:

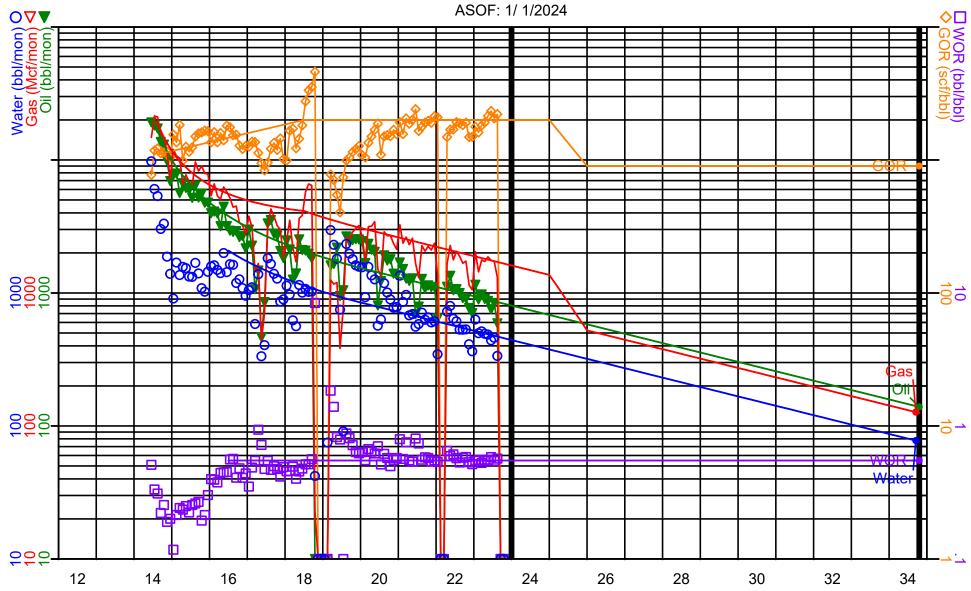
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	14.3	0.0	35.8	0.2	0.0	0.4	78.670	0.000	2.929	12.2	0.0	1.1	13.3
12-31-2025	10.7	0.0	17.2	0.1	0.0	0.2	78.670	0.000	2.929	9.1	0.0	0.5	9.6
12-31-2026	8.0	0.0	7.2	0.1	0.0	0.1	78.670	0.000	2.929	6.8	0.0	0.2	7.1
12-31-2027	6.0	0.0	5.4	0.1	0.0	0.1	78.670	0.000	2.929	5.1	0.0	0.2	5.3
12-31-2028	4.5	0.0	4.1	0.0	0.0	0.0	78.670	0.000	2.929	3.9	0.0	0.1	4.0
12-31-2029	3.4	0.0	3.0	0.0	0.0	0.0	78.670	0.000	2.929	2.9	0.0	0.1	3.0
12-31-2030	2.5	0.0	2.3	0.0	0.0	0.0	78.670	0.000	2.929	2.2	0.0	0.1	2.2
12-31-2031	1.8	0.0	1.6	0.0	0.0	0.0	78.670	0.000	2.929	1.5	0.0	0.0	1.6
12-31-2032	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL REMAINING TOTAL CUM PROD ULTIMATE	51.3 0.0 51.3 501.6 552.8	0.0 0.0 0.0 0.0 0.0	76.6 0.0 76.6 638.6 715.1	0.6 0.0 0.6	0.0 0.0 0.0	0.8 0.0 0.8	78.670 0.000 78.670	0.000 0.000 0.000	2.929 0.000 2.929	43.7 0.0 43.7	0.0 0.0 0.0	2.3 0.0 2.3	46.0 0.0 46.0
			NE	T DEDUCTIONS/E	XPENDITURES			FUT	URE NET REVEN	UE			

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	1.4	0.0	1.9	10.0	10.0	9.5	9.5	0	27.0
12-31-2025	1	0.0	0.0	1.1	0.0	1.7	6.9	16.8	5.9	15.4	5	24.9
12-31-2026	1	0.0	0.0	0.8	0.0	1.6	4.7	21.5	3.6	19.0	8	23.8
12-31-2027	1	0.0	0.0	0.6	0.0	1.5	3.2	24.7	2.3	21.3	10	23.0
12-31-2028	1	0.0	0.0	0.4	0.0	1.4	2.1	26.8	1.3	22.6	12	22.3
12-31-2029	1	0.0	0.0	0.3	0.0	1.4	1.3	28.1	0.7	23.4	15	21.3
12-31-2030	1	0.0	0.0	0.3	0.0	1.4	0.6	28.7	0.3	23.7	20	19.7
12-31-2031	1	0.0	0.0	0.2	0.0	1.2	0.2	28.9	0.1	23.8	30	17.2
12-31-2032	0	0.0	0.0	0.0	1.9	0.0	-1.9	27.0	-0.8	23.0	40	15.1
											50	13.4
SUBTOTAL			0.0	5.1	1.9	12.1	27.0	27.0	23.0	23.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0		
TOTAL OF 7.9 Y	/RS		0.0	5.1	1.9	12.1	27.0	27.0	23.0	23.0		

Case Name: SUMMERFIELD 15H-3

API Number: 33-025-02015 NDIC FILE No: 24516 Reservoir: THREE FORKS 1 Perfs: 11463-16183

CTB No: 124516



Proj Oil Cum: 325.57 Mbbl Oil Rem: 49.11 Mbbl

Oil EUR: 374.68 Mbbl

Proj Gas Cum: 443.36 MMcf Gas Rem: 57.74 MMcf Gas EUR: 501.10 MMcf

#### 1/25/2024 12:00:00AM PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.012486 INITIAL REVENUE INTEREST :

PHDWIN ID: 115

SUMMERFIELD 15H-3 NAME: BEAR CREEK FIELD: RESERVOIR: THREE FORKS 1 COUNTY, STATE:

DUNN, ND ENERPLUS RESOURCES USA CORP OPERATOR:

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	8.9	0.0	17.8	0.1	0.0	0.2	78.670	0.000	2.929	7.6	0.0	0.5	8.1
12-31-2025	7.6	0.0	10.5	0.1	0.0	0.1	78.670	0.000	2.929	6.5	0.0	0.3	6.8
12-31-2026	6.4	0.0	5.8	0.1	0.0	0.1	78.670	0.000	2.929	5.5	0.0	0.2	5.7
12-31-2027	5.5	0.0	4.9	0.1	0.0	0.1	78.670	0.000	2.929	4.7	0.0	0.1	4.8
12-31-2028	4.7	0.0	4.2	0.1	0.0	0.0	78.670	0.000	2.929	4.0	0.0	0.1	4.1
12-31-2029	3.9	0.0	3.6	0.0	0.0	0.0	78.670	0.000	2.929	3.4	0.0	0.1	3.5
12-31-2030	3.4	0.0	3.0	0.0	0.0	0.0	78.670	0.000	2.929	2.9	0.0	0.1	3.0
12-31-2031	2.9	0.0	2.6	0.0	0.0	0.0	78.670	0.000	2.929	2.4	0.0	0.1	2.5
12-31-2032	2.4	0.0	2.2	0.0	0.0	0.0	78.670	0.000	2.929	2.1	0.0	0.1	2.1
12-31-2033	2.1	0.0	1.9	0.0	0.0	0.0	78.670	0.000	2.929	1.8	0.0	0.1	1.8
12-31-2034	1.4	0.0	1.3	0.0	0.0	0.0	78.670	0.000	2.929	1.2	0.0	0.0	1.2
12-31-2035	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	49.1	0.0	57.7	0.5	0.0	0.6	78.670	0.000	2.929	41.9	0.0	1.7	43.6
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	49.1	0.0	57.7	0.5	0.0	0.6	78.670	0.000	2.929	41.9	0.0	1.7	43.6
CUM PROD	325.6	0.0	443.4										
ULTIMATE	374.7	0.0	501.1										

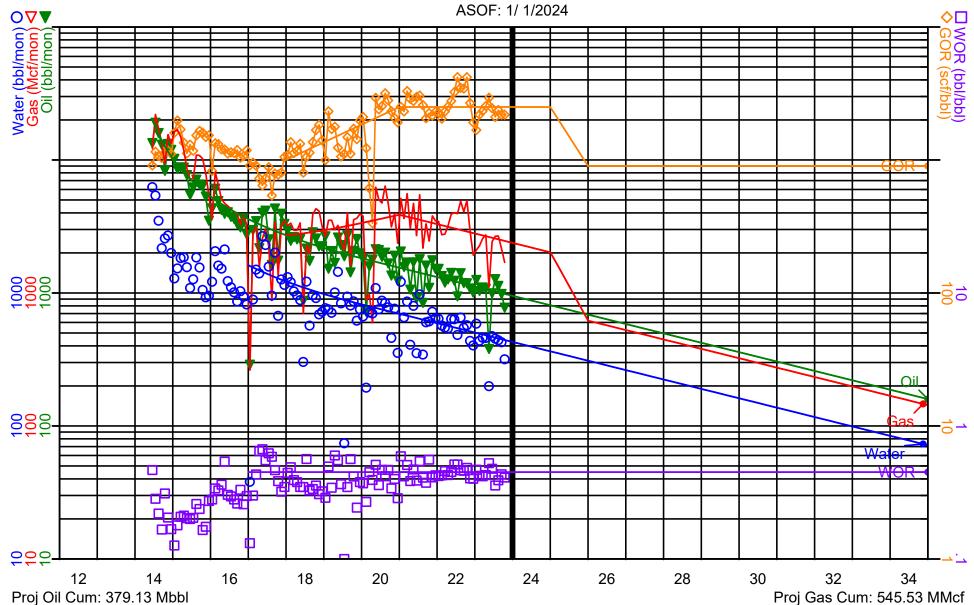
				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.9	0.0	1.6	5.7	5.7	5.4	5.4	0	21.7
12-31-2025	1	0.0	0.0	0.7	0.0	1.5	4.5	10.2	3.9	9.3	5	19.3
12-31-2026	1	0.0	0.0	0.6	0.0	1.5	3.5	13.7	2.8	12.0	8	18.1
12-31-2027	1	0.0	0.0	0.5	0.0	1.4	2.8	16.6	2.0	14.0	10	17.3
12-31-2028	1	0.0	0.0	0.5	0.0	1.4	2.2	18.8	1.4	15.4	12	16.6
12-31-2029	1	0.0	0.0	0.4	0.0	1.4	1.7	20.5	1.0	16.4	15	15.5
12-31-2030	1	0.0	0.0	0.3	0.0	1.4	1.3	21.7	0.7	17.1	20	14.0
12-31-2031	1	0.0	0.0	0.3	0.0	1.3	0.9	22.6	0.4	17.5	30	11.6
12-31-2032	1	0.0	0.0	0.2	0.0	1.3	0.6	23.2	0.2	17.7	40	9.9
12-31-2033	1	0.0	0.0	0.2	0.0	1.3	0.3	23.5	0.1	17.8	50	8.6
12-31-2034	1	0.0	0.0	0.1	0.0	1.0	0.1	23.6	0.0	17.9		
12-31-2035	0	0.0	0.0	0.0	1.9	0.0	-1.9	21.7	-0.6	17.3		
SUBTOTAL			0.0	4.8	1.9	15.2	21.7	21.7	17.3	17.3		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.3		
TOTAL OF 10.8 Y	'RS		0.0	4.8	1.9	15.2	21.7	21.7	17.3	17.3		

Case Name: SUMMERFIELD 15H-4

API Number: 33-025-02016 NDIC FILE No: 24517

Reservoir: THREE FORKS 1 Perfs: 11463-16133

CTB No: 124517



Proj Oil Cum: 379.13 Mbbl Oil Rem: 60.06 Mbbl

Gas Rem: 77.11 MMcf Oil EUR: 439.18 Mbbl Gas EUR: 622.63 MMcf 1/25/2024 12:00:00AM

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.012486 INITIAL REVENUE INTEREST: 0.010844

PHDWIN ID: 116

NAME: SUMMERFIELD 15H-4
FIELD: BEAR CREEK
RESERVOIR: THREE FORKS 1

COUNTY, STATE: DUNN, ND

OPERATOR: ENERPLUS RESOURCES USA CORP

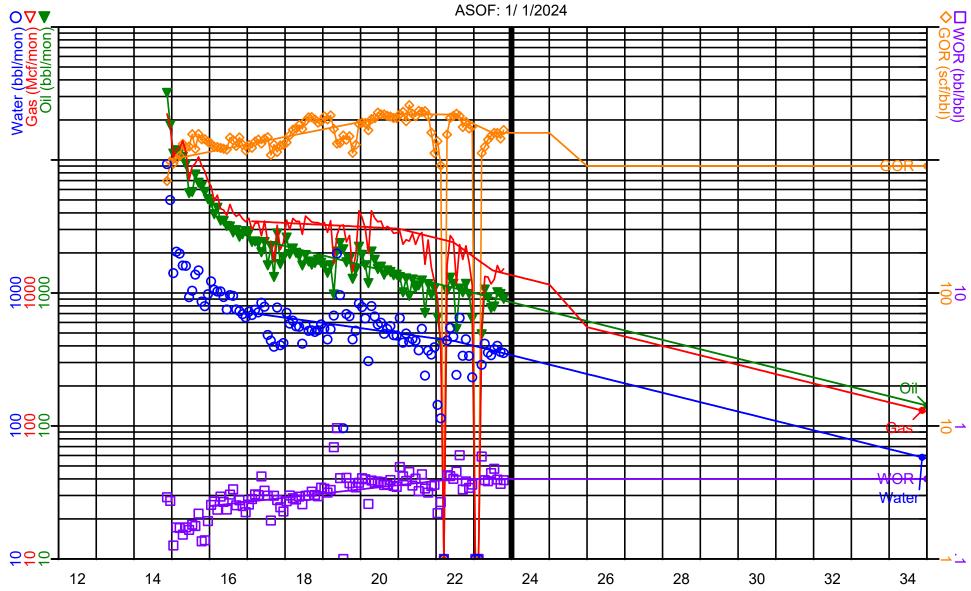
PERIOD	G	ROSS RESERVES			NET RESERVES		AV	VERAGE PRICES			GROSS REV	VENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	10.6	0.0	26.4	0.1	0.0	0.3	78.670	0.000	2.929	9.0	0.0	0.8	9.8
12-31-2025	9.0	0.0	14.2	0.1	0.0	0.1	78.670	0.000	2.929	7.6	0.0	0.4	8.1
12-31-2026	7.6	0.0	6.8	0.1	0.0	0.1	78.670	0.000	2.929	6.5	0.0	0.2	6.7
12-31-2027	6.5	0.0	5.8	0.1	0.0	0.1	78.670	0.000	2.929	5.5	0.0	0.2	5.7
12-31-2028	5.5	0.0	5.0	0.1	0.0	0.1	78.670	0.000	2.929	4.7	0.0	0.1	4.9
12-31-2029	4.7	0.0	4.2	0.1	0.0	0.0	78.670	0.000	2.929	4.0	0.0	0.1	4.1
12-31-2030	4.0	0.0	3.6	0.0	0.0	0.0	78.670	0.000	2.929	3.4	0.0	0.1	3.5
12-31-2031	3.4	0.0	3.0	0.0	0.0	0.0	78.670	0.000	2.929	2.9	0.0	0.1	3.0
12-31-2032	2.9	0.0	2.6	0.0	0.0	0.0	78.670	0.000	2.929	2.5	0.0	0.1	2.5
12-31-2033	2.4	0.0	2.2	0.0	0.0	0.0	78.670	0.000	2.929	2.1	0.0	0.1	2.1
12-31-2034	2.1	0.0	1.9	0.0	0.0	0.0	78.670	0.000	2.929	1.8	0.0	0.1	1.8
12-31-2035	1.5	0.0	1.4	0.0	0.0	0.0	78.670	0.000	2.929	1.3	0.0	0.0	1.4
12-31-2036	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	60.1	0.0	77.1	0.7	0.0	0.8	78.670	0.000	2.929	51.2	0.0	2.3	53.5
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	60.1	0.0	77.1	0.7	0.0	0.8	78.670	0.000	2.929	51.2	0.0	2.3	53.5
CUM PROD	379.1	0.0	545.5										
ULTIMATE	439.2	0.0	622.6										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	1.0	0.0	1.6	7.2	7.2	6.8	6.8	0	29.0
12-31-2025	1	0.0	0.0	0.9	0.0	1.5	5.6	12.8	4.8	11.6	5	25.5
12-31-2026	1	0.0	0.0	0.7	0.0	1.5	4.5	17.2	3.5	15.1	8	23.7
12-31-2027	1	0.0	0.0	0.6	0.0	1.5	3.6	20.8	2.5	17.6	10	22.5
12-31-2028	1	0.0	0.0	0.5	0.0	1.4	2.9	23.7	1.8	19.5	12	21.5
12-31-2029	1	0.0	0.0	0.5	0.0	1.4	2.3	26.0	1.3	20.8	15	20.1
12-31-2030	1	0.0	0.0	0.4	0.0	1.4	1.7	27.7	0.9	21.7	20	18.0
12-31-2031	1	0.0	0.0	0.3	0.0	1.4	1.3	29.0	0.6	22.3	30	14.8
12-31-2032	1	0.0	0.0	0.3	0.0	1.3	0.9	29.9	0.4	22.7	40	12.5
12-31-2033	1	0.0	0.0	0.2	0.0	1.3	0.6	30.5	0.2	22.9	50	10.8
12-31-2034	1	0.0	0.0	0.2	0.0	1.3	0.3	30.8	0.1	23.0		
12-31-2035	1	0.0	0.0	0.2	0.0	1.1	0.1	30.9	0.0	23.1		
12-31-2036	0	0.0	0.0	0.0	1.9	0.0	-1.9	29.0	-0.5	22.5		
SUBTOTAL			0.0	5.9	1.9	16.7	29.0	29.0	22.5	22.5		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5		
TOTAL OF 11.9	YRS		0.0	5.9	1.9	16.7	29.0	29.0	22.5	22.5		

Case Name: SUMMERFIELD 15H-5

API Number: 33-025-02449 NDIC FILE No: 27547 Reservoir: MIDDLE BAKKEN Perfs: 11231-15806

CTB No: 227547



Proj Oil Cum: 307.91 Mbbl Oil Rem: 52.63 Mbbl

Oil EUR: 360.54 Mbbl

Proj Gas Cum: 418.12 MMcf Gas Rem: 56.59 MMcf Gas EUR: 474.71 MMcf

#### 1/25/2024 12:00:00AM PROJECTION OF RESERVES AND REVENUE

AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.012486 INITIAL REVENUE INTEREST : 0.010844

PHDWIN ID: 117

SUMMERFIELD 15H-5 NAME: BEAR CREEK FIELD: RESERVOIR: MIDDLE BAKKEN COUNTY, STATE:

DUNN, ND ENERPLUS RESOURCES USA CORP OPERATOR:

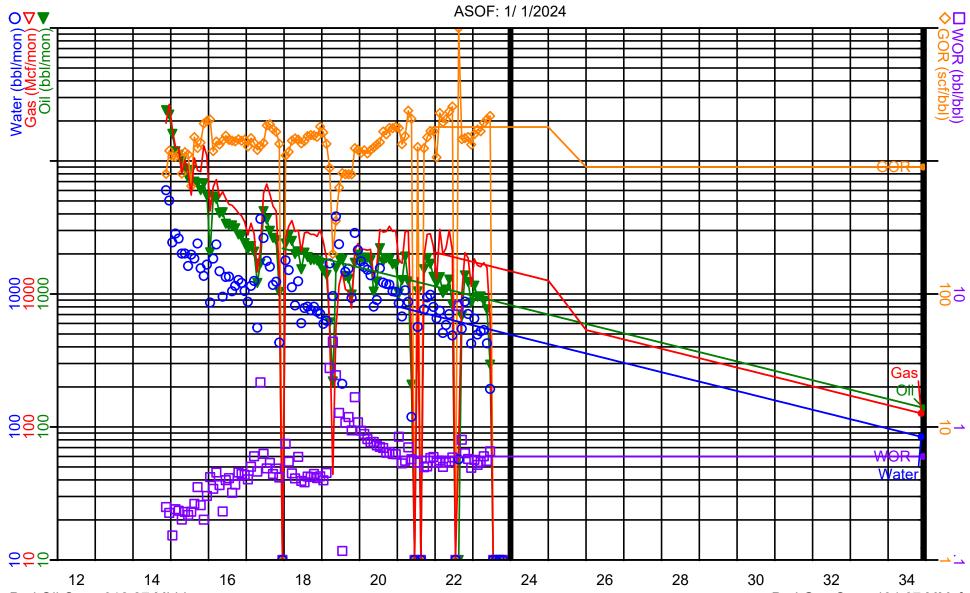
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	9.4	0.0	15.1	0.1	0.0	0.2	78.670	0.000	2.929	8.1	0.0	0.5	8.5
12-31-2025	8.0	0.0	9.8	0.1	0.0	0.1	78.670	0.000	2.929	6.8	0.0	0.3	7.1
12-31-2026	6.8	0.0	6.1	0.1	0.0	0.1	78.670	0.000	2.929	5.8	0.0	0.2	6.0
12-31-2027	5.8	0.0	5.2	0.1	0.0	0.1	78.670	0.000	2.929	4.9	0.0	0.2	5.1
12-31-2028	4.9	0.0	4.4	0.1	0.0	0.0	78.670	0.000	2.929	4.2	0.0	0.1	4.3
12-31-2029	4.2	0.0	3.8	0.0	0.0	0.0	78.670	0.000	2.929	3.6	0.0	0.1	3.7
12-31-2030	3.6	0.0	3.2	0.0	0.0	0.0	78.670	0.000	2.929	3.0	0.0	0.1	3.1
12-31-2031	3.0	0.0	2.7	0.0	0.0	0.0	78.670	0.000	2.929	2.6	0.0	0.1	2.7
12-31-2032	2.6	0.0	2.3	0.0	0.0	0.0	78.670	0.000	2.929	2.2	0.0	0.1	2.3
12-31-2033	2.2	0.0	2.0	0.0	0.0	0.0	78.670	0.000	2.929	1.9	0.0	0.1	1.9
12-31-2034	1.9	0.0	1.7	0.0	0.0	0.0	78.670	0.000	2.929	1.6	0.0	0.0	1.6
12-31-2035	0.3	0.0	0.3	0.0	0.0	0.0	78.670	0.000	2.929	0.3	0.0	0.0	0.3
12-31-2036	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	52.6	0.0	56.6	0.6	0.0	0.6	78.670	0.000	2.929	44.9	0.0	1.7	46.6
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	52.6	0.0	56.6	0.6	0.0	0.6	78.670	0.000	2.929	44.9	0.0	1.7	46.6
CUM PROD	307.9	0.0	418.1										
ULTIMATE	360.5	0.0	474.7										

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.9	0.0	1.5	6.0	6.0	5.7	5.7	0	24.0
12-31-2025	1	0.0	0.0	0.8	0.0	1.5	4.8	10.9	4.2	9.9	5	21.3
12-31-2026	1	0.0	0.0	0.7	0.0	1.4	3.9	14.7	3.0	12.9	8	19.8
12-31-2027	1	0.0	0.0	0.6	0.0	1.4	3.1	17.8	2.2	15.1	10	18.9
12-31-2028	1	0.0	0.0	0.5	0.0	1.4	2.5	20.3	1.6	16.7	12	18.1
12-31-2029	1	0.0	0.0	0.4	0.0	1.4	1.9	22.2	1.1	17.7	15	16.9
12-31-2030	1	0.0	0.0	0.3	0.0	1.4	1.4	23.6	0.7	18.5	20	15.2
12-31-2031	1	0.0	0.0	0.3	0.0	1.3	1.0	24.6	0.5	19.0	30	12.6
12-31-2032	1	0.0	0.0	0.3	0.0	1.3	0.7	25.3	0.3	19.3	40	10.7
12-31-2033	1	0.0	0.0	0.2	0.0	1.3	0.4	25.7	0.2	19.4	50	9.2
12-31-2034	1	0.0	0.0	0.2	0.0	1.3	0.1	25.9	0.1	19.5		
12-31-2035	1	0.0	0.0	0.0	0.0	0.3	0.0	25.9	0.0	19.5		
12-31-2036	0	0.0	0.0	0.0	1.9	0.0	-1.9	24.0	-0.6	18.9		
SUBTOTAL			0.0	5.2	1.9	15.5	24.0	24.0	18.9	18.9		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.9		
TOTAL OF 11.2 Y	'RS		0.0	5.2	1.9	15.5	24.0	24.0	18.9	18.9		

Case Name: SUMMERFIELD 15H-6

API Number: 33-025-02448 NDIC FILE No: 27546 Reservoir: THREE FORKS 1 Perfs: 11287-15763

CTB No: 227547



Proj Oil Cum: 312.27 Mbbl Oil Rem: 50.52 Mbbl

Oil EUR: 362.79 Mbbl

Proj Gas Cum: 404.67 MMcf Gas Rem: 56.88 MMcf Gas EUR: 461.55 MMcf

#### 1/25/2024 12:00:00AM PROJECTION OF RESERVES AND REVENUE

AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.012486 INITIAL REVENUE INTEREST : 0.010844

All estimates and exhibits are part of this report and subject to its parameters and conditions.

PHDWIN ID: 118

SUMMERFIELD 15H-6 NAME: BEAR CREEK FIELD: RESERVOIR: THREE FORKS 1 COUNTY, STATE:

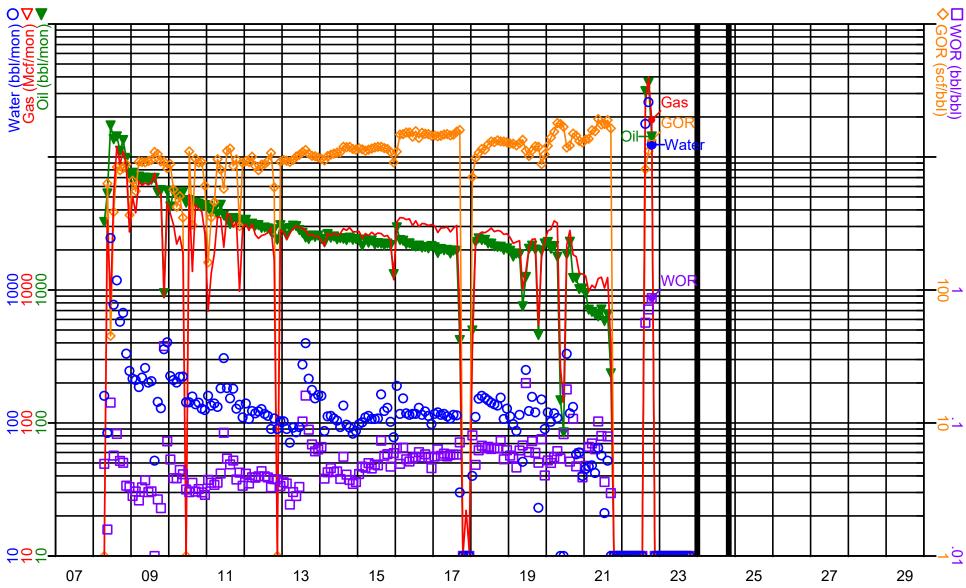
DUNN, ND ENERPLUS RESOURCES USA CORP OPERATOR:

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	9.1	0.0	16.5	0.1	0.0	0.2	78.670	0.000	2.929	7.8	0.0	0.5	8.3
12-31-2025	7.7	0.0	10.2	0.1	0.0	0.1	78.670	0.000	2.929	6.6	0.0	0.3	6.9
12-31-2026	6.6	0.0	5.9	0.1	0.0	0.1	78.670	0.000	2.929	5.6	0.0	0.2	5.8
12-31-2027	5.6	0.0	5.0	0.1	0.0	0.1	78.670	0.000	2.929	4.8	0.0	0.2	4.9
12-31-2028	4.8	0.0	4.3	0.1	0.0	0.0	78.670	0.000	2.929	4.1	0.0	0.1	4.2
12-31-2029	4.0	0.0	3.6	0.0	0.0	0.0	78.670	0.000	2.929	3.4	0.0	0.1	3.6
12-31-2030	3.4	0.0	3.1	0.0	0.0	0.0	78.670	0.000	2.929	2.9	0.0	0.1	3.0
12-31-2031	2.9	0.0	2.6	0.0	0.0	0.0	78.670	0.000	2.929	2.5	0.0	0.1	2.6
12-31-2032	2.5	0.0	2.2	0.0	0.0	0.0	78.670	0.000	2.929	2.1	0.0	0.1	2.2
12-31-2033	2.1	0.0	1.9	0.0	0.0	0.0	78.670	0.000	2.929	1.8	0.0	0.1	1.9
12-31-2034	1.7	0.0	1.5	0.0	0.0	0.0	78.670	0.000	2.929	1.4	0.0	0.0	1.5
12-31-2035	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	50.5	0.0	56.9	0.5	0.0	0.6	78.670	0.000	2.929	43.1	0.0	1.7	44.8
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	50.5	0.0	56.9	0.5	0.0	0.6	78.670	0.000	2.929	43.1	0.0	1.7	44.8
CUM PROD	312.3	0.0	404.7										
ULTIMATE	362.8	0.0	461.5										

				NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.9	0.0	1.6	5.8	5.8	5.5	5.5	0	22.4
12-31-2025	1	0.0	0.0	0.8	0.0	1.5	4.6	10.4	4.0	9.4	5	19.9
12-31-2026	1	0.0	0.0	0.6	0.0	1.5	3.6	14.0	2.8	12.3	8	18.6
12-31-2027	1	0.0	0.0	0.6	0.0	1.5	2.9	16.9	2.1	14.3	10	17.8
12-31-2028	1	0.0	0.0	0.5	0.0	1.4	2.3	19.2	1.5	15.8	12	17.0
12-31-2029	1	0.0	0.0	0.4	0.0	1.4	1.8	21.0	1.0	16.8	15	15.9
12-31-2030	1	0.0	0.0	0.3	0.0	1.4	1.3	22.3	0.7	17.5	20	14.4
12-31-2031	1	0.0	0.0	0.3	0.0	1.4	0.9	23.2	0.4	17.9	30	11.9
12-31-2032	1	0.0	0.0	0.2	0.0	1.3	0.6	23.9	0.3	18.2	40	10.1
12-31-2033	1	0.0	0.0	0.2	0.0	1.3	0.3	24.2	0.1	18.3	50	8.8
12-31-2034	1	0.0	0.0	0.2	0.0	1.2	0.1	24.3	0.0	18.4		
12-31-2035	0	0.0	0.0	0.0	1.9	0.0	-1.9	22.4	-0.6	17.8		
SUBTOTAL			0.0	5.0	1.9	15.6	22.4	22.4	17.8	17.8		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.8		
TOTAL OF 10.9 Y	/RS		0.0	5.0	1.9	15.6	22.4	22.4	17.8	17.8		

Case Name: WHITMAN 11-34H API Number: 33-025-00723 NDIC FILE No: 17061 Reservoir: MIDDLE BAKKEN Perfs: 12100-21389

CTB No: 217061



Proj Oil Cum: 585.54 Mbbl

Oil Rem: 0.00 Mbbl Oil EUR: 585.54 Mbbl Proj Gas Cum: 539.73 MMcf Gas Rem: 0.00 MMcf Gas EUR: 539.73 MMcf

## 1/25/2024 12:00:00AM

# PROJECTION OF RESERVES AND REVENUE

0.0

GAS

MMCF

NET RESERVES

NGL

MGAL

0.0

ANDRESS SANDEFER ET AL CURRENT INTEREST

GROSS RESERVES

NGL

MGAL

0.0

GAS

MMCF

0.0

OIL

MBBL

0.0

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST:

OIL

MBBL

0.0

PHDWIN ID: 46 PERIOD

**ENDING** 

M-D-Y

12-31-2024

TOTAL OF 0.8 YRS

AS OF JANUARY 1, 2024

OIL

\$/BBL

0.000

AVERAGE PRICES

NGL

\$/GAL

0.000

GAS

\$/MCF

0.000

NAME: FIELD:

0.0

WHITMAN 11-34H OAKDALE

0.0

NGL

M\$

RESERVOIR: MIDDLE BAKKEN COUNTY, STATE: DUNN, ND

OPERATOR:

OIL

M\$

CONTINENTAL RESOURCES GROSS REVENUE

GAS

M\$

0.0

TOTAL

M\$

0.0

	.000 0.0 0.0 0.0 0.0 0.0 0.0
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CUM PROD 585.5 0.0 539.7	
ULTIMATE 585.5 0.0 539.7	
ULTIMATE 585.5 0.0 539.7  NET DEDUCTIONS/EXPENDITURES FUTURE NET R	
ULTIMATE 585.5 0.0 539.7  NET DEDUCTIONS/EXPENDITURES FUTURE NET PERIOD NUMBER OF ACTIVE NET PROD AND CAPITAL OPERATING UNDISCOUNTED	DISCOUNTED AT 10% PRESENT WORTH PROFILE
ULTIMATE 585.5 0.0 539.7  NET DEDUCTIONS/EXPENDITURES FUTURE NET R	
VICTIMATE   585.5   0.0   539.7	DISCOUNTED AT 10%         PRESENT WORTH PROFILE           PERIOD         CUM         DISC RATE         CUM PW           M\$         %         M\$           0.0         0.0         0         0.0
ULTIMATE 585.5 0.0 539.7    NET DEDUCTIONS/EXPENDITURES   FUTURE NET REPORT NUMBER OF ACTIVE   NET PROD AND CAPITAL OPERATING   UNDISCOUNTED	DISCOUNTED AT 10%         PRESENT WORTH PROFILE           PERIOD         CUM         DISC RATE         CUM PW           M\$         %         MS           0.0         0.0         0.0           0.0         0.0         5
VICTIMATE   585.5   0.0   539.7	DISCOUNTED AT 10%         PRESENT WORTH PROFILE           PERIOD M\$         CUM DISC RATE CUM PW MS           0.0         0.0         0         0.0           0.0         0.0         0         0.0           0.0         0.0         5         0.0           8         0.0
VICTIMATE   585.5   0.0   539.7	DISCOUNTED AT 10%         PRESENT WORTH PROFILE           PERIOD MS         CUM DISC RATE         CUM PW MS           0.0         0.0         0         0.0           0.0         0.0         5         0.0           8         0.0         10         0.0           10         0.0         0.0         0.0
VICTIMATE   585.5   0.0   539.7	DISCOUNTED AT 10%   PRESENT WORTH PROFILE
VICTIMATE   585.5   0.0   539.7	DISCOUNTED AT 10%         PRESENT WORTH PROFILE           PERIOD MS         CUM DISC RATE         CUM PW MS           0.0         0.0         0         0.0           0.0         0.0         5         0.0           8         0.0         10         0.0           10         0.0         0.0         0.0
VICTIMATE   585.5   0.0   539.7	DISCOUNTED AT 10%   PRESENT WORTH PROFILE
VICTIMATE   585.5   0.0   539.7	DISCOUNTED AT 10%   PRESENT WORTH PROFILE
VICTIMATE   585.5   0.0   539.7	DISCOUNTED AT 10%   PRESENT WORTH PROFILE
VICTIMATE   585.5   0.0   539.7	DISCOUNTED AT 10%   PRESENT WORTH PROFILE
VICTIMATE   585.5   0.0   539.7	DISCOUNTED AT 10%   PRESENT WORTH PROFILE
VICTIMATE   585.5   0.0   539.7	DISCOUNTED AT 10%   PRESENT WORTH PROFILE
VICTIMATE   585.5   0.0   539.7	DISCOUNTED AT 10%   PRESENT WORTH PROFILE

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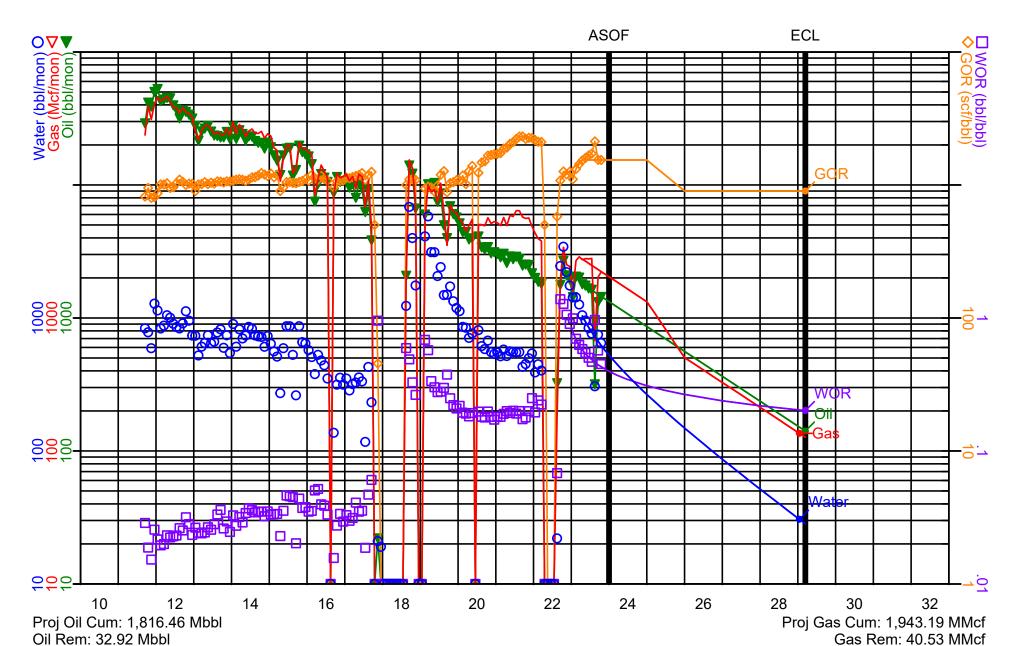
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Case Name: WHITMAN 2-34H API Number: 33-025-01259 NDIC FILE No: 20210

Oil EUR: 1,849.38 Mbbl

Reservoir: MIDDLE BAKKEN Perfs: 11622-21230

CTB No: 120210



E138

Gas EUR: 1,983.72 MMcf

## 1/25/2024 12:00:00AM

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.060948 INITIAL REVENUE INTEREST :

PHDWIN ID: 47

WHITMAN 2-34H

NAME: OAKDALE FIELD: RESERVOIR: MIDDLE BAKKEN

COUNTY, STATE: OPERATOR:

DUNN, ND CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	12.9	0.0	19.9	0.7	0.0	1.0	78.670	0.000	2.929	52.0	0.0	2.8	54.8
12-31-2025	8.4	0.0	10.2	0.4	0.0	0.5	78.670	0.000	2.929	33.7	0.0	1.4	35.1
12-31-2026	5.4	0.0	4.9	0.3	0.0	0.2	78.670	0.000	2.929	21.9	0.0	0.7	22.6
12-31-2027	3.5	0.0	3.2	0.2	0.0	0.2	78.670	0.000	2.929	14.2	0.0	0.4	14.7
12-31-2028	2.3	0.0	2.1	0.1	0.0	0.1	78.670	0.000	2.929	9.3	0.0	0.3	9.6
12-31-2029	0.3	0.0	0.3	0.0	0.0	0.0	78.670	0.000	2.929	1.4	0.0	0.0	1.4
12-31-2030	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	32.9	0.0	40.5	1.7	0.0	1.9	78.670	0.000	2.929	132.5	0.0	5.7	138.2
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	32.9	0.0	40.5	1.7	0.0	1.9	78.670	0.000	2.929	132.5	0.0	5.7	138.2
CUM PROD	1,816.5	0.0	1,943.2										
ULTIMATE	1,849.4	0.0	1,983.7										

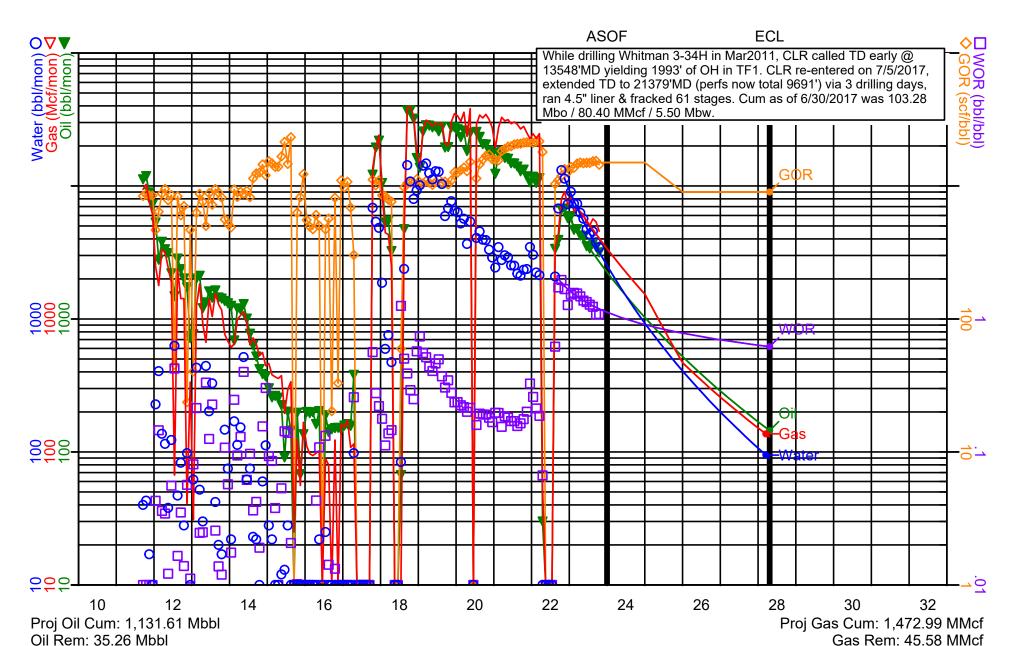
				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	6.0	0.0	7.9	40.9	40.9	38.9	38.9	0	78.1
12-31-2025	1	0.1	0.0	3.9	0.0	7.1	24.1	65.0	20.8	59.7	5	74.7
12-31-2026	1	0.1	0.0	2.5	0.0	6.7	13.4	78.4	10.4	70.2	8	72.7
12-31-2027	1	0.1	0.0	1.6	0.0	6.5	6.6	85.0	4.7	74.8	10	71.3
12-31-2028	1	0.1	0.0	1.1	0.0	6.3	2.2	87.2	1.4	76.2	12	70.0
12-31-2029	1	0.1	0.0	0.2	0.0	1.2	0.1	87.2	0.0	76.3	15	68.0
12-31-2030	0	0.0	0.0	0.0	9.1	0.0	-9.1	78.1	-4.9	71.3	20	64.8
											30	58.8
											40	53.6
											50	49.0
SUBTOTAL			0.0	15.3	9.1	35.7	78.1	78.1	71.3	71.3		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.3		
TOTAL OF 5.2 YF	RS		0.0	15.3	9.1	35.7	78.1	78.1	71.3	71.3		
	RS											

Case Name: WHITMAN 3-34H API Number: 33-025-01261 NDIC FILE No: 20212

Oil EUR: 1,166.87 Mbbl

Reservoir: THREE FORKS 1 Perfs: 11688-21379

CTB No: 120212



E140

Gas EUR: 1,518.57 MMcf

## 1/25/2024 12:00:00AM

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.060527 INITIAL REVENUE INTEREST: 0.050815

PHDWIN ID: 48

NAME: WHITMAN 3-34H
FIELD: OAKDALE
RESERVOIR: THREE FORKS I
COUNTY, STATE: DUNN, ND

OPERATOR: CONTINENTAL RESOURCES

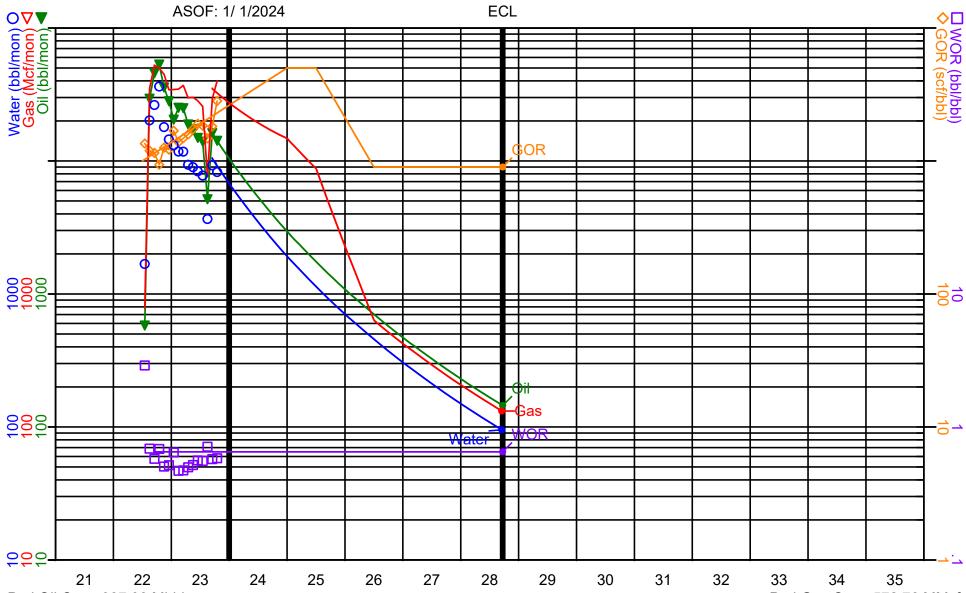
PERIOD	Gl	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	18.5	0.0	27.8	0.9	0.0	1.3	78.670	0.000	2.929	74.0	0.0	3.9	77.9
12-31-2025	8.9	0.0	10.7	0.4	0.0	0.5	78.670	0.000	2.929	35.4	0.0	1.5	36.9
12-31-2026	4.7	0.0	4.2	0.2	0.0	0.2	78.670	0.000	2.929	18.7	0.0	0.6	19.3
12-31-2027	2.7	0.0	2.4	0.1	0.0	0.1	78.670	0.000	2.929	10.6	0.0	0.3	10.9
12-31-2028	0.6	0.0	0.5	0.0	0.0	0.0	78.670	0.000	2.929	2.3	0.0	0.1	2.3
12-31-2029	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	35.3	0.0	45.6	1.8	0.0	2.2	78.670	0.000	2.929	141.0	0.0	6.4	147.3
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	35.3	0.0	45.6	1.8	0.0	2.2	78.670	0.000	2.929	141.0	0.0	6.4	147.3
CUM PROD	1,131.6	0.0	1,473.0										
ULTIMATE	1,166.9	0.0	1,518.6										

ULTIMATE	1,166.9	(	).0 1,518.	6								
				NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.1	0.0	8.6	0.0	11.1	58.2	58.2	55.6	55.6	0	87.2
12-31-2025	1	0.1	0.0	4.1	0.0	8.1	24.6	82.9	21.3	76.9	5	84.5
12-31-2026	1	0.1	0.0	2.2	0.0	7.0	10.1	92.9	7.9	84.7	8	82.8
12-31-2027	1	0.1	0.0	1.2	0.0	6.6	3.2	96.1	2.2	87.0	10	81.7
12-31-2028	1	0.1	0.0	0.3	0.0	1.9	0.2	96.2	0.1	87.1	12	80.6
12-31-2029	0	0.0	0.0	0.0	9.1	0.0	-9.1	87.2	-5.4	81.7	15	78.9
											20	76.2
											30	70.9
											40	66.1
											50	61.7
SUBTOTAL			0.0	16.3	9.1	34.8	87.2	87.2	81.7	81.7		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.7		
TOTAL OF 4.3 Y	/RS		0.0	16.3	9.1	34.8	87.2	87.2	81.7	81.7		

Case Name: WHITMAN FIU 4-34H1

API Number: 33-025-04377 NDIC FILE No: 38613 Reservoir: THREE FORKS 1 Perfs: 11782-21668

CTB No: 217061



Proj Oil Cum: 387.08 Mbbl Oil Rem: 105.57 Mbbl Oil EUR: 492.65 Mbbl Proj Gas Cum: 572.76 MMcf Gas Rem: 351.65 MMcf Gas EUR: 924.41 MMcf

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

AVERAGE PRICES

NET RESERVES

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST:

GROSS RESERVES

PHDWIN ID: 188

PERIOD

12-31-2028

12-31-2029

1/25/2024 12:00:00AM

NAME: FIELD:

WHITMAN FIU 4-34H1

GROSS REVENUE

OAKDALE RESERVOIR: THREE FORKS 1 COUNTY, STATE: DUNN, ND

OPERATOR:

CONTINENTAL RESOURCES

rekiod _	GI	KOSS KESEKVES			NEI KESEKVES		Av	ERAGE PRICES			GROSS	KEVENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	69.3	0.0	238.8	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	22.0	0.0	97.1	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	8.7	0.0	10.8	0.0	0.0	0.0	0.000	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2027	4.0	0.0	3.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	1.6	0.0	1.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	105.6	0.0	351.7	0.0	0.0	0.0	90.997	0.000	2.929	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	
TOTAL	105.6	0.0	351.7	0.0	0.0	0.0	90.997	0.000	2.929	0.0	0.0	0.0	0.0
CUM PROD	387.1	0.0	572.8										
ULTIMATE	492.7	0.0	924.4										
			N	ET DEDUCTIONS/E	XPENDITURES			FUT	URE NET REV	ENUE			
PERIOD	NUMBER OF A	CTIVE	NET	PROD AND	CAPITAL	OPERATING	UND	ISCOUNTED		DISCOUNTED A	AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLETIC	ONS I	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM		PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$		M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0	.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0	.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0	.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0	.0	0.0	0.0	0.0	10	0.0

SUBTOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL OF 4.7 YRS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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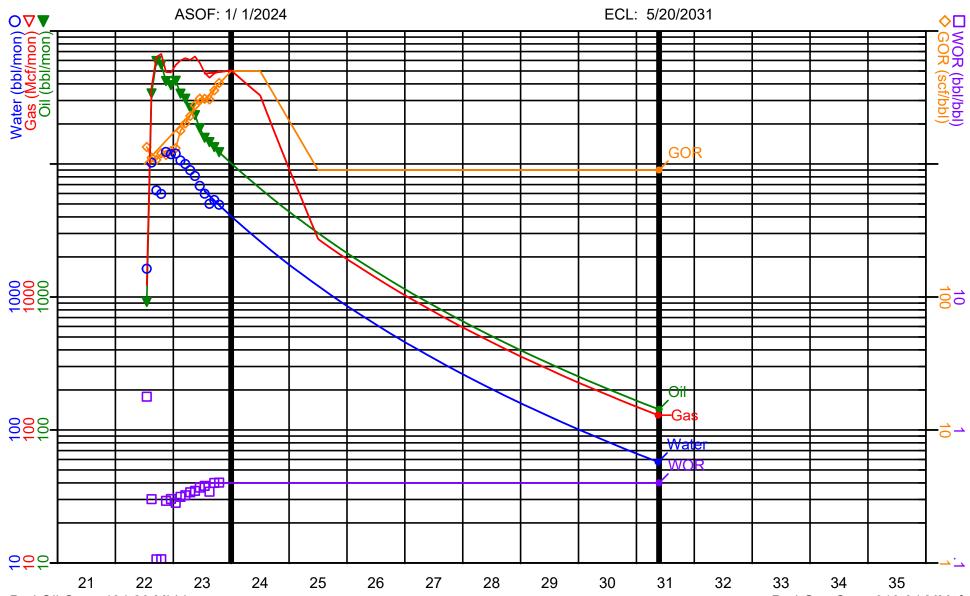
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Case Name: WHITMAN FIU 5-34H

API Number: 33-025-04325 NDIC FILE No: 38499 Reservoir: MIDDLE BAKKEN Perfs: 11747-21602

CTB No: 217061



Proj Oil Cum: 484.23 Mbbl Oil Rem: 161.04 Mbbl Oil EUR: 645.27 Mbbl Proj Gas Cum: 919.04 MMcf Gas Rem: 439.93 MMcf Gas EUR: 1,358.98 MMcf

#### 1/25/2024 12:00:00AM PROJECTION OF RESERVES AND REVENUE

AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST :

PHDWIN ID: 189

WHITMAN FIU 5-34H NAME: FIELD: RESERVOIR:

OAKDALE MIDDLE BAKKEN

COUNTY, STATE:

DUNN, ND CONTINENTAL RESOURCES OPERATOR:

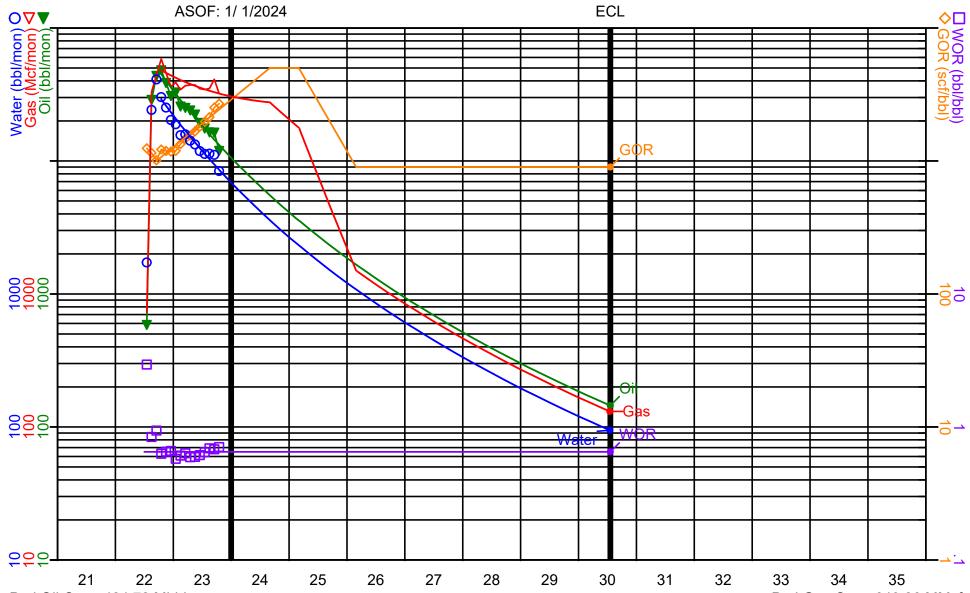
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	VENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	81.3	0.0	356.2	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	37.1	0.0	45.5	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	18.9	0.0	17.0	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2027	10.5	0.0	9.4	0.0	0.0	0.0	78.670	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	6.2	0.0	5.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	3.8	0.0	3.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	2.5	0.0	2.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	0.7	0.0	0.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	161.0	0.0	439.9	0.0	0.0	0.0	85.672	0.000	3.034	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	161.0	0.0	439.9	0.0	0.0	0.0	85.672	0.000	3.034	0.0	0.0	0.0	0.0
CUM PROD	484.2	0.0	919.0										
ULTIMATE	645.3	0.0	1,359.0										

				NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE -	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	INTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
											50	0.0
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 7.4 YR	.5		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: WHITMAN FIU 6-34H2

API Number: 33-025-04326 NDIC FILE No: 38500 Reservoir: THREE FORKS 2 Perfs: 11854-21736

CTB No: 217061



Proj Oil Cum: 424.72 Mbbl Oil Rem: 147.77 Mbbl Oil EUR: 572.48 Mbbl Proj Gas Cum: 643.26 MMcf Gas Rem: 469.05 MMcf Gas EUR: 1,112.31 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.000000 INITIAL REVENUE INTEREST : 0.000000

PHDWIN ID: 190

1/25/2024 12:00:00AM

NAME: FIELD:

WHITMAN FIU 6-34H2

OAKDALE RESERVOIR:THREE FORKS 2 COUNTY, STATE: DUNN, ND

CONTINENTAL RESOURCES OPERATOR:

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	81.0	0.0	326.7	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	33.7	0.0	112.1	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	16.0	0.0	14.9	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2027	8.4	0.0	7.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	4.8	0.0	4.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	2.8	0.0	2.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	1.1	0.0	1.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL REMAINING TOTAL	147.8 0.0 147.8	0.0 0.0 0.0	469.0 0.0 469.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	88.957 0.000 88.957	0.000 0.000 0.000	3.006 0.000 3.006	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
CUM PROD	424.7	0.0	643.3										
ULTIMATE	572.5	0.0	1,112.3										

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
											40	0.0
											50	0.0
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

0.0

TOTAL OF 6.5 YRS

0.0

0.0

0.0

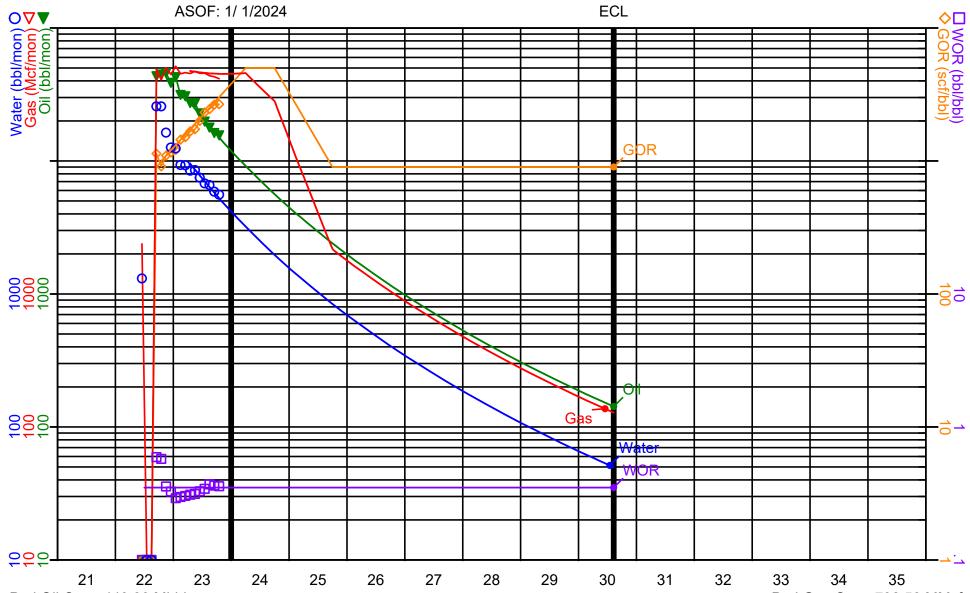
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Case Name: WHITMAN FIU 7-34H1

API Number: 33-025-04321 NDIC FILE No: 38494 Reservoir: THREE FORKS 1 Perfs: 11827-21686

CTB No: 217061



Proj Oil Cum: 449.80 Mbbl Oil Rem: 160.81 Mbbl Oil EUR: 610.61 Mbbl Proj Gas Cum: 732.58 MMcf Gas Rem: 509.79 MMcf Gas EUR: 1,242.37 MMcf

# 1/25/2024 12:00:00AM

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.000000 INITIAL REVENUE INTEREST : 0.000000

PHDWIN ID: 191

TOTAL OF 6.6 YRS

PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

NAME: WHITMAN FIU 7-34H1 OAKDALE FIELD: RESERVOIR: THREE FORKS 1 COUNTY, STATE:

OPERATOR :

0.0

0.0

0.0

DUNN, ND CONTINENTAL RESOURCES

PERIOD				1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	89.8	0.0	414.8	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	36.3	0.0	63.8	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	16.9	0.0	15.2	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2027	8.8	0.0	7.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	4.9	0.0	4.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	2.9	0.0	2.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	1.2	0.0	1.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
	1400						00.400		0.000		0.0		
SUBTOTAL	160.8	0.0	509.8	0.0	0.0	0.0	88.423	0.000	3.002	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	160.8	0.0	509.8	0.0	0.0	0.0	88.423	0.000	3.002	0.0	0.0	0.0	0.0
CUM PROD	449.8	0.0	732.6										
ULTIMATE	610.6	0.0	1,242.4										

				NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
											40	0.0
											50	0.0
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

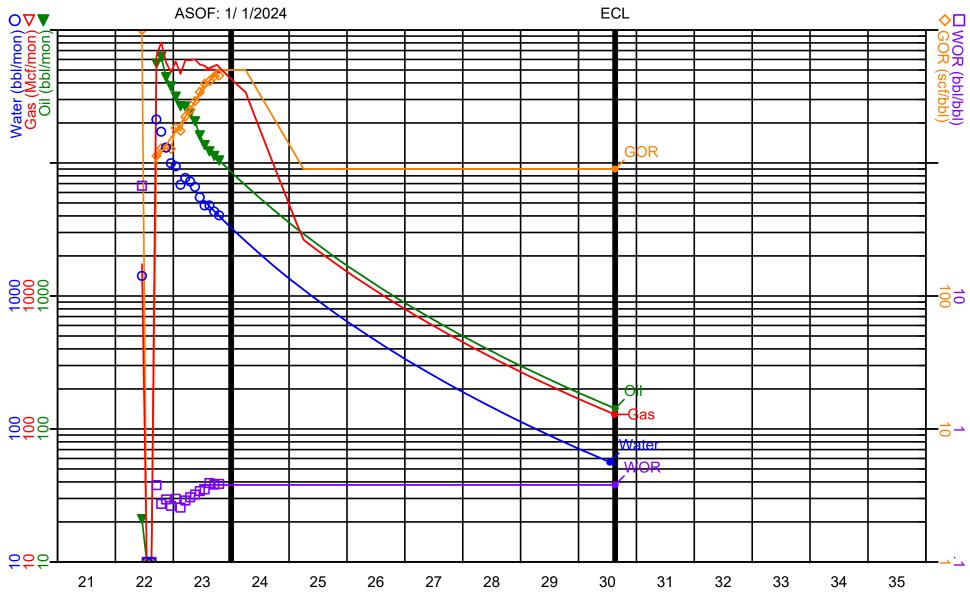
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Case Name: WHITMAN FIU 8-34H

API Number: 33-025-04322 NDIC FILE No: 38495 Reservoir: MIDDLE BAKKEN Perfs: 11772-21574

CTB No: 217061



Proj Oil Cum: 412.16 Mbbl Oil Rem: 129.05 Mbbl Oil EUR: 541.21 Mbbl Proj Gas Cum: 884.07 MMcf Gas Rem: 305.75 MMcf Gas EUR: 1,189.82 MMcf

1/25/2024 12:00:00AM

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST :

PHDWIN ID: 192

NAME: FIELD:

WHITMAN FIU 8-34H

OAKDALE RESERVOIR: MIDDLE BAKKEN

COUNTY, STATE: OPERATOR:

DUNN, ND CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		-	NET RESERVES		A	VERAGE PRICES	<u>.                                      </u>		GROSS RE	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	67.6	0.0	248.3	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	29.8	0.0	29.0	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	14.8	0.0	13.3	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2027	8.0	0.0	7.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	4.7	0.0	4.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	2.8	0.0	2.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	1.2	0.0	1.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0

SUBTOTAL	129.1	0.0	305.7	0.0	0.0	0.0	90.431	0.000	3.044	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	129.1	0.0	305.7	0.0	0.0	0.0	90.431	0.000	3.044	0.0	0.0	0.0	0.0
CUM PROD	412.2	0.0	884.1										

KLIVIAIIVIIVO	0.0	0.0	0.0
TOTAL	129.1	0.0	305.7
CUM PROD	412.2	0.0	884.1
ULTIMATE	541.2	0.0	1,189.8

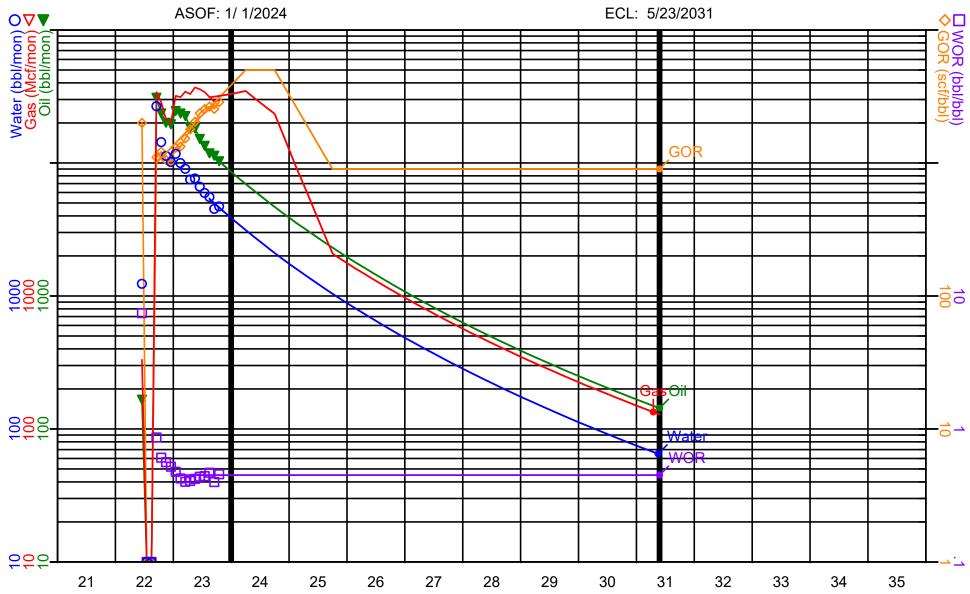
				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	INTED	DISCOUNTE	D AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	ΓIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
											40	0.0
											50	0.0

SUBTOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL OF 6.6 YRS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Case Name: WHITMAN FIU 9-34H2

API Number: 33-025-04323 NDIC FILE No: 38496 Reservoir: THREE FORKS 2 Perfs: 11797-21604

CTB No: 217061



Proj Oil Cum: 281.95 Mbbl Oil Rem: 144.33 Mbbl Oil EUR: 426.27 Mbbl Proj Gas Cum: 496.56 MMcf Gas Rem: 420.24 MMcf Gas EUR: 916.80 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST :

PHDWIN ID: 193

1/25/2024 12:00:00AM

NAME: FIELD:

WHITMAN FIU 9-34H2

OAKDALE RESERVOIR: THREE FORKS 2 COUNTY, STATE:

OPERATOR:

DUNN, ND CONTINENTAL RESOURCES

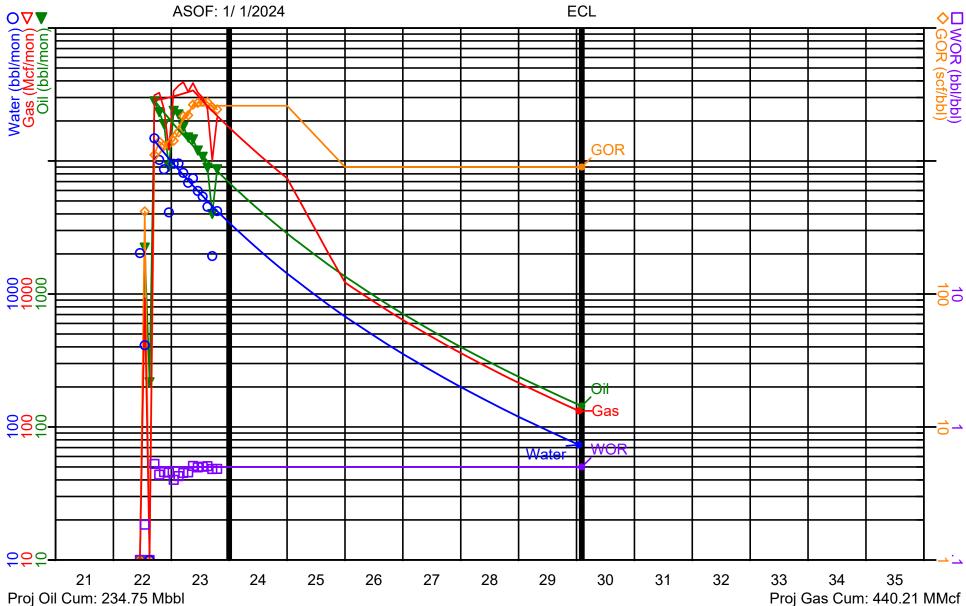
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	70.4	0.0	325.9	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	33.5	0.0	57.9	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	17.6	0.0	15.8	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2027	9.9	0.0	9.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	6.0	0.0	5.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	3.8	0.0	3.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	2.5	0.0	2.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	0.7	0.0	0.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL REMAINING	144.3 0.0	0.0	420.2 0.0	0.0	0.0	0.0 0.0	93.477 0.000	0.000 0.000	3.034 0.000	0.0 0.0	0.0 0.0	0.0	0.0
TOTAL	144.3	0.0	420.2	0.0	0.0	0.0	93.477	0.000	3.034	0.0	0.0	0.0	0.0
CUM PROD	281.9	0.0	496.6										
ULTIMATE	426.3	0.0	916.8										

				NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	<u>%</u>	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
											50	0.0
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 7.4 Y	RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: WHITMAN FIU 10-34H

API Number: 33-025-04324 NDIC FILE No: 38497 Reservoir: MIDDLE BAKKEN Perfs: 11669-21504

CTB No: 217061



Oil Rem: 102.55 Mbbl Oil EUR: 337.30 Mbbl Proj Gas Cum: 440.21 MMcf Gas Rem: 203.70 MMcf Gas EUR: 643.90 MMcf

0.0

OIL

\$/BBL

78.670

GAS

MMCF

AVERAGE PRICES

NGL

\$/GAL

0.000

GAS

\$/MCF

2.929

NET RESERVES

NGL

MGAL

0.0

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST:

OIL

MBBL

54.2

GROSS RESERVES

NGL

MGAL

0.0

GAS

MMCF

140.9

OIL

MBBL

0.0

PHDWIN ID: 194

PERIOD

**ENDING** 

M-D-Y

12-31-2024

SUBTOTAL

REMAINING

TOTAL OF 6.1 YRS

1/25/2024 12:00:00AM

NAME: FIELD:

WHITMAN FIU 10-34H

OAKDALE RESERVOIR: MIDDLE BAKKEN

NGL

M\$

0.0

COUNTY, STATE: OPERATOR:

OIL

M\$

0.0

DUNN, ND

CONTINENTAL RESOURCES GROSS REVENUE

GAS

M\$

0.0

TOTAL

M\$

0.0

12-31-2024	34.2	0.0	140.9	0.0	0.0	0.0	/8.6/0	0.000	2.929	.0	.0	0.0
12-31-2025	23.9	0.0	40.8	0.0	0.0	0.0	78.670	0.000	2.929 0	.0 0.	.0	0.0
12-31-2026	11.9	0.0	10.7	0.0	0.0	0.0	78.670	0.000	2.929 0	.0 0.	.0 0.0	0.0
12-31-2027	6.4	0.0	5.8	0.0	0.0	0.0	0.000	0.000	0.000 0	.0 0.		
12-31-2028	3.7	0.0		0.0	0.0	0.0	0.000	0.000	0.000 0			
12-31-2029	2.3	0.0		0.0	0.0	0.0	0.000	0.000	0.000			
12-31-2030	0.2	0.0		0.0	0.0	0.0	0.000	0.000	0.000			
12-31-2031	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	.0 0.	.0 0.0	0.0
SUBTOTAL	102.5	0.0		0.0	0.0	0.0	89.691	0.000	3.017 0			
REMAINING	0.0	0.0		0.0	0.0	0.0	0.000	0.000	0.000 0			
TOTAL	102.5	0.0	203.7	0.0	0.0	0.0	89.691	0.000	3.017 0	.0	.0 0.0	0.0
CUM PROD	234.7	0.0	440.2									
ULTIMATE	337.3	0.0	643.9									
				NET DEDUCTIONS/I	EXPENDITURES				ET REVENUE			
PERIOD	NUMBER OF AC	CTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISC	OUNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLETIO	NS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	12	0.0
12-31-2029		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0
	1			0.0	0.0		0.0				15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	
											40	0.0
											50	0.0

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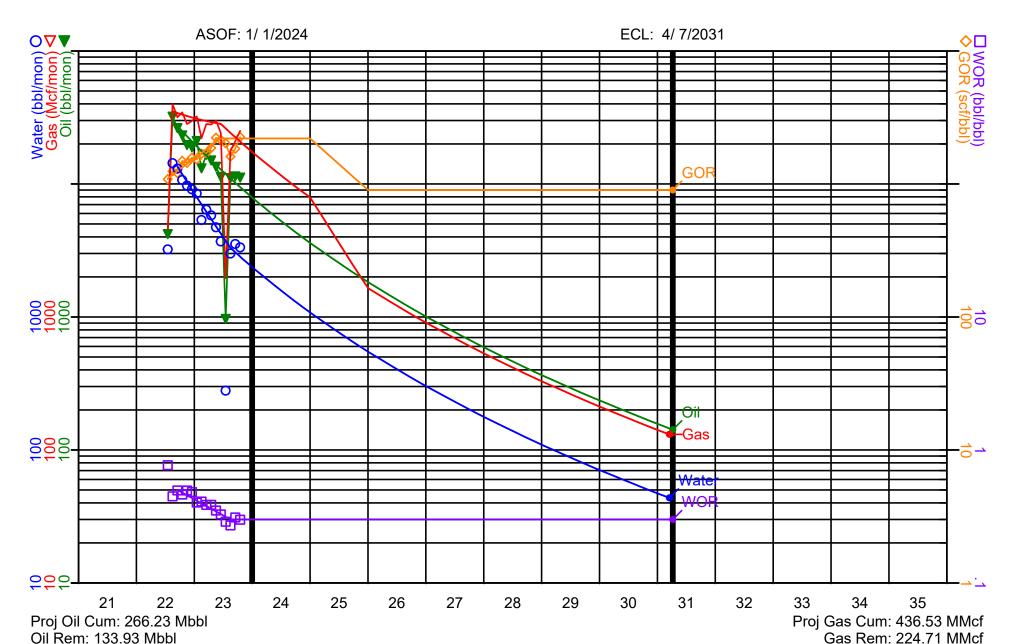
Case Name: WHITMAN FIU 12-34H2

API Number: 33-025-04339 NDIC FILE No: 38532

Oil EUR: 400.16 Mbbl

Reservoir: THREE FORKS 2 Perfs: 11883-21420

CTB No: 217061



E156

Gas EUR: 661.24 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST :

PHDWIN ID: 195

1/25/2024 12:00:00AM

NAME: FIELD:

WHITMAN FIU 12-34H2

OAKDALE RESERVOIR: THREE FORKS 2 COUNTY, STATE:

DUNN, ND CONTINENTAL RESOURCES OPERATOR:

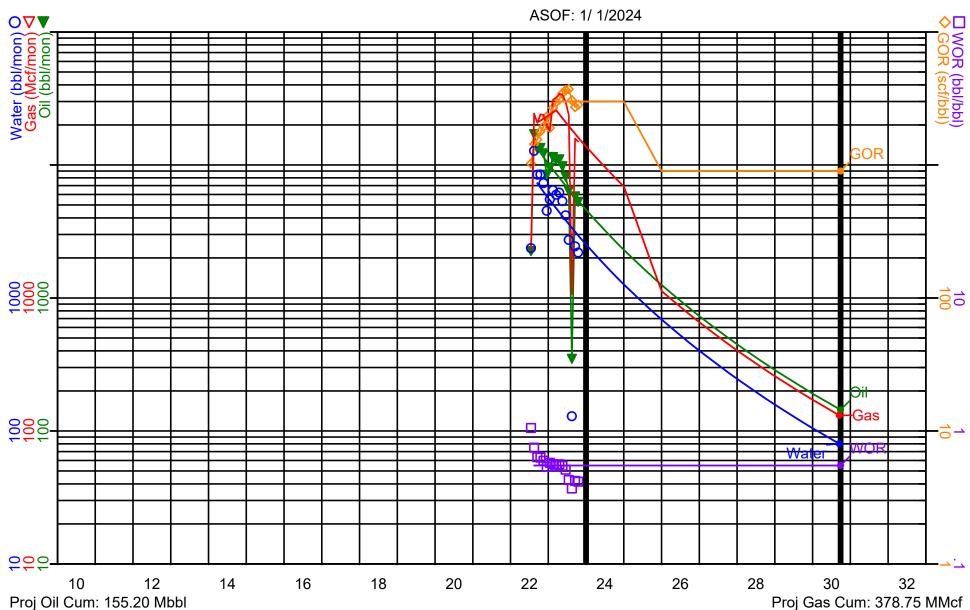
PERIOD					NET RESERVES		A	VERAGE PRICES	<u> </u>		GROSS RE	VENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	65.1	0.0	143.2	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	31.1	0.0	47.5	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	16.4	0.0	14.8	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2027	9.3	0.0	8.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	5.6	0.0	5.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	3.5	0.0	3.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	2.3	0.0	2.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	0.5	0.0	0.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	133.9	0.0	224.7	0.0	0.0	0.0	93.525	0.000	3.121	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	133.9	0.0	224.7	0.0	0.0	0.0	93.525	0.000	3.121	0.0	0.0	0.0	0.0
CUM PROD	266.2	0.0	436.5										
ULTIMATE	400.2	0.0	661.2										
			NE	T DEDITIONS/E	VDENITIIDES			דוום	TIDE NET DEVEN	TIE			

		_		NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
											50	0.0
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 7.3 YE	RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: WHITMAN FIU 13-34HSL1

API Number: 33-025-04340 NDIC FILE No: 38533 Reservoir: THREE FORKS 1 Perfs: 11878-21356

CTB No: 138533



Oil Rem: 87.06 Mbbl Oil EUR: 242.26 Mbbl Proj Gas Cum: 378.75 MMcf Gas Rem: 180.76 MMcf Gas EUR: 559.50 MMcf

# 1/25/2024 12:00:00AM

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST :

PHDWIN ID: 196

PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

NAME: FIELD:

WHITMAN FIU 13-34HSL1

RESERVOIR: COUNTY, STATE: OAKDALE THREE FORKS 1

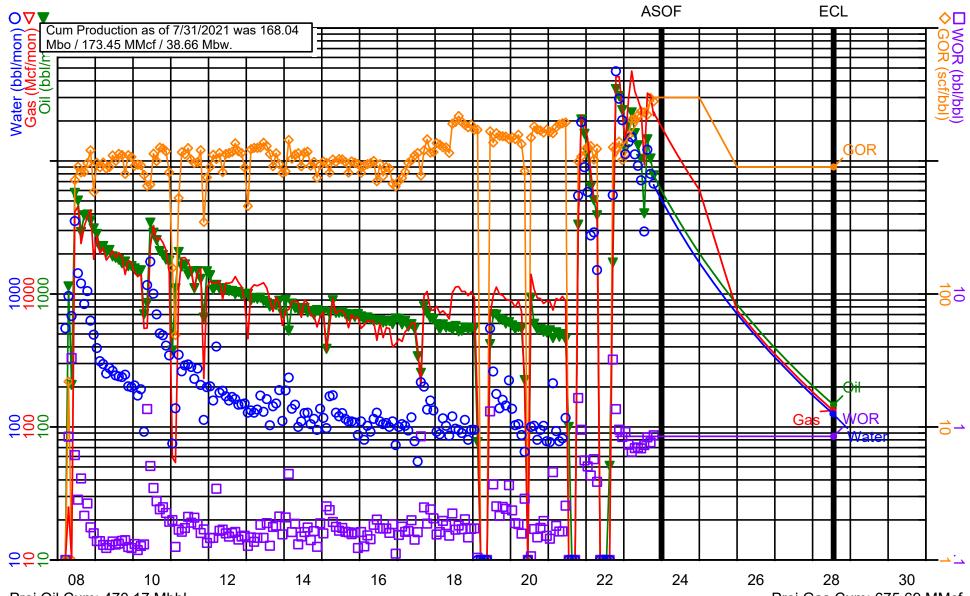
DUNN, ND CONTINENTAL RESOURCES OPERATOR:

PERIOD				1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	'ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	39.5	0.0	118.5	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	20.5	0.0	37.9	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	11.5	0.0	10.4	0.0	0.0	0.0	78.670	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	6.9	0.0	6.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	4.3	0.0	3.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	2.8	0.0	2.5	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	1.5	0.0	1.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	87.1	0.0	180.8	0.0	0.0	0.0	95.723	0.000	3.313	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	87.1	0.0	180.8	0.0	0.0	0.0	95.723	0.000	3.313	0.0	0.0	0.0	0.0
CUM PROD	155.2	0.0	378.7										
ULTIMATE	242.3	0.0	559.5										

ULTIMATE	242.3	'	0.0 559.	3								
				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	UNTED	DISCOUNTE	D AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
											40	0.0
											50	0.0
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	10			0.0				0.0	0.0	0.0		
TOTAL OF 6.7 YR	w		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: BANG 1-33H API Number: 33-025-00668 NDIC FILE No: 16797 Reservoir: MIDDLE BAKKEN Perfs: 11700-20819

CTB No: 235547



Proj Oil Cum: 470.17 Mbbl Oil Rem: 70.45 Mbbl

Oil EUR: 540.62 Mbbl

Proj Gas Cum: 675.69 MMcf Gas Rem: 169.66 MMcf Gas EUR: 845.35 MMcf

AVERAGE PRICES

NET RESERVES

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

GROSS RESERVES

PHDWIN ID: 205

PERIOD

12-31-2027

12-31-2028

12-31-2029

1/25/2024 12:00:00AM

NAME: BANG 1-33H
FIELD: CEDAR COULEE
RESERVOIR: MIDDLE BAKKEN
COUNTY, STATE: DUNN, ND

OPERATOR:

CONTINENTAL RESOURCES
GROSS REVENUE

LICIOD		KOSS KESEKVES			NET KESEKVES		Av	LICAGE I RICES			GROSS	REVENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	43.1	0.0	129.2	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	15.9	0.0	30.1	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	6.9	0.0	6.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	3.4	0.0	3.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	1.1	0.0	1.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	70.5	0.0	169.7	0.0	0.0	0.0	94.051	0.000	3.044	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0			0.0
TOTAL	70.5	0.0	169.7	0.0	0.0	0.0	94.051	0.000	3.044	0.0			0.0
CUM PROD	470.2	0.0	675.7										
ULTIMATE	540.6	0.0	845.3										
			NI	ET DEDUCTIONS/E	XPENDITURES				URE NET REV	/ENUE			
PERIOD	NUMBER OF A			PROD AND	CAPITAL	OPERATING	UND	ISCOUNTED		DISCOUNTED	AT 10%	PRESENT WOR	RTH PROFILE
ENDING	COMPLETIC			ADV TAXES	COST	EXPENSE	PERIOD	CUM		PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$		M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0	.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0	.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	C	.0	0.0	0.0	0.0	8	0.0

ar in more in	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUBTOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL OF 4.6 YRS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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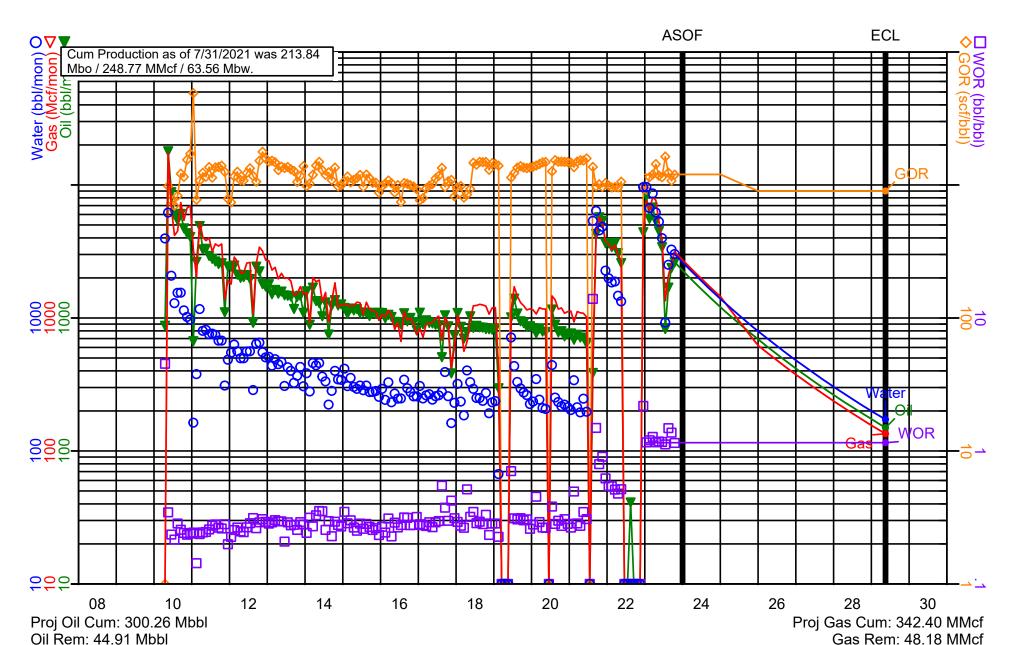
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Case Name: BANG 2-33T API Number: 33-025-01031 NDIC FILE No: 18636

Oil EUR: 345.17 Mbbl

Reservoir: THREE FORKS 1 Perfs: 11672-20325

CTB No: 235547



E162

Gas EUR: 390.58 MMcf

1/25/2024 12:00:00AM

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

PHDWIN ID: 206

TOTAL OF 5.4 YRS

NAME: BANG 2-33T FIELD: CEDAR COULEE RESERVOIR: THREE FORKS 1 COUNTY, STATE: DUNN, ND

OPERATOR:

0.0

0.0

0.0

CONTINENTAL RESOURCES

PERIOD	GROSS	S RESERVES			NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	20.1	0.0	24.1	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	11.0	0.0	11.7	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	6.5	0.0	5.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	4.0	0.0	3.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	2.6	0.0	2.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	0.7	0.0	0.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
au promit			40.2				110.400	0.000	2.02				
SUBTOTAL	44.9	0.0	48.2	0.0	0.0	0.0	113.433	0.000	3.405	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	44.9	0.0	48.2	0.0	0.0	0.0	113.433	0.000	3.405	0.0	0.0	0.0	0.0
CUM PROD	300.3	0.0	342.4										
ULTIMATE	345.2	0.0	390.6										
			NE	T DEDUCTIONS/E	EXPENDITURES			FUT	URE NET REVEN	IUE			
PERIOD	NUMBER OF ACTIV	/E	NET I	ROD AND	CAPITAL	OPERATING	UND	DISCOUNTED		DISCOUNTED AT 109	V <sub>0</sub>	PRESENT WORTH	H PROFILE

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	FACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
											30	0.0
											40	0.0
											50	0.0
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

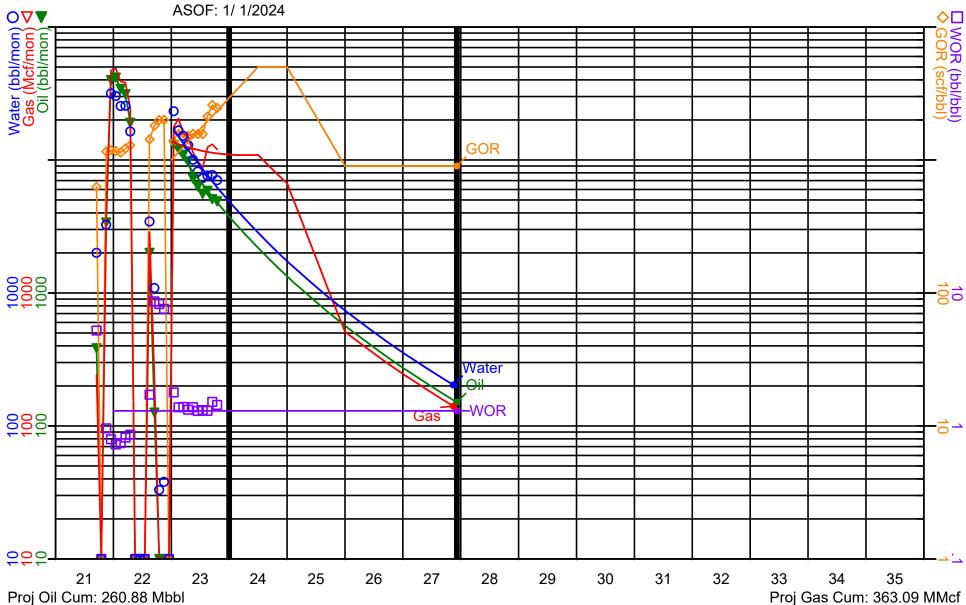
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0.0

Case Name: BANG 3-33H1 API Number: 33-025-04096 NDIC FILE No: 37941 Reservoir: THREE FORKS 1 Perfs: 11948-22163

CTB No: 237373



Oil Rem: 45.30 Mbbl Oil EUR: 306.18 Mbbl Proj Gas Cum: 363.09 MMcf Gas Rem: 151.69 MMcf Gas EUR: 514.78 MMcf

#### 1/25/2024 12:00:00AM PROJECTION OF RESERVES AND REVENUE

OIL

MBBL

0.0

0.0

0.0

0.0

0.0

GAS

MMCF

116.9

28.4

4.3

2.1

0.0

NET RESERVES

NGL

MGAL

0.0

0.0

0.0

0.0

0.0

ANDRESS SANDEFER ET AL CURRENT INTEREST

GROSS RESERVES

NGL

MGAL

0.0

0.0

0.0

0.0

0.0

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST:

OIL

MBBL

27.6

10.6

4.8

2.3

0.0

PHDWIN ID: 207

PERIOD

**ENDING** 

M-D-Y

12-31-2024

12-31-2025

12-31-2026

12-31-2027

12-31-2028

AS OF JANUARY 1, 2024

0.0

0.0

0.0

0.0

0.0

OIL

\$/BBL

78.670

78.670

0.000

0.000

0.000

GAS

MMCF

AVERAGE PRICES

NGL

\$/GAL

0.000

0.000

0.000

0.000

0.000

GAS

\$/MCF

2.929

2.929

0.000

0.000

0.000

BANG 3-33H1 NAME: CEDAR COULEE FIELD: RESERVOIR: THREE FORKS 1 COUNTY, STATE: DUNN, ND

0.0

0.0

0.0

0.0

0.0

OIL

M\$

OPERATOR: CONTINENTAL RESOURCES NGL

M\$

GROSS REVENUE

0.0

0.0

0.0

0.0

0.0

GAS

M\$

0.0

0.0

0.0

0.0

0.0

TOTAL

M\$

0.0

0.0

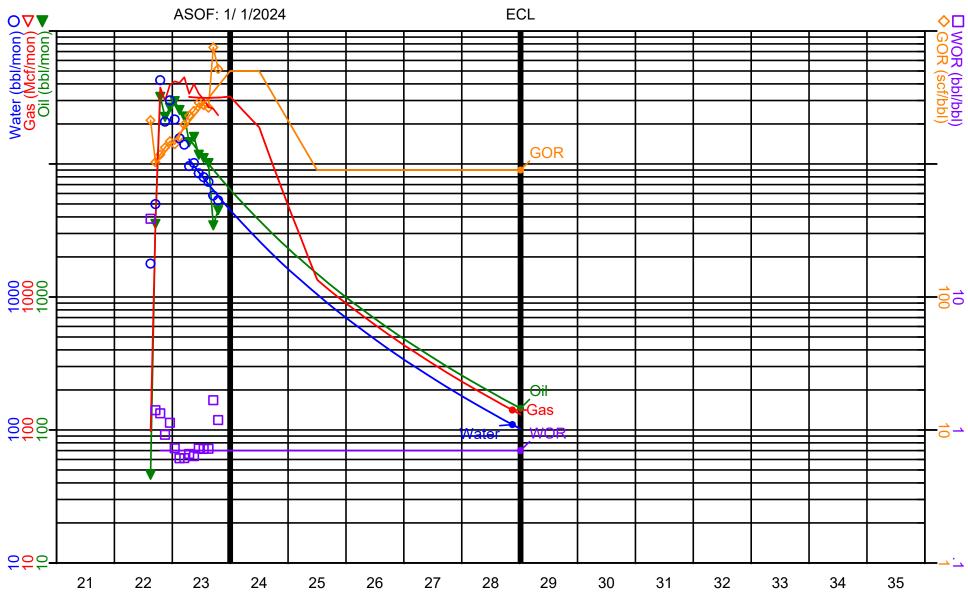
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gripmon. I	45.0						22.251	0.000	2016			
SUBTOTAL	45.3	0.0	151.7	0.0	0.0	0.0	93.251	0.000		0.0		
REMAINING TOTAL	0.0 45.3	0.0	0.0 151.7	0.0 0.0	0.0 0.0	0.0 0.0	0.000 93.251	0.000 0.000		0.0 0.0		
CUM PROD	260.9	0.0	363.1	0.0	0.0	0.0	93.231	0.000	3.010	0.0	0.	0.0
ULTIMATE	306.2	0.0	514.8									
OLITWATE	300.2	0.0	314.8									
			N	ET DEDUCTIONS/E.	XPENDITURES			FUTURE N	NET REVENUE			
PERIOD	NUMBER OF A	CTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCO	DUNTED	DISCOUNT	TED AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLETIC			ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	%	M\$							
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025												
	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2026 12-31-2027	1 1 1	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	8 10	0.0 0.0
12-31-2026	1 1 1 0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 0.0	0.0	8	0.0
12-31-2026 12-31-2027		0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	8 10	0.0 0.0
12-31-2026 12-31-2027		0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	8 10 12 15 20	0.0 0.0 0.0 0.0 0.0
12-31-2026 12-31-2027		0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	8 10 12 15 20 30	0.0 0.0 0.0 0.0 0.0 0.0
12-31-2026 12-31-2027		0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0
12-31-2026 12-31-2027		0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	8 10 12 15 20 30	0.0 0.0 0.0 0.0 0.0 0.0
12-31-2026 12-31-2027		0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0
12-31-2026 12-31-2027		0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0
12-31-2026 12-31-2027		0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0
12-31-2026 12-31-2027		0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0
12-31-2026 12-31-2027		0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0
12-31-2026 12-31-2027		0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0 0.0	0.0 0.0	8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0
12-31-2026 12-31-2027 12-31-2028		0.0 0.0	0.0 0.0 0.0	8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0							

Case Name: BANG 4-4H API Number: 33-025-04395 NDIC FILE No: 38677 Reservoir: MIDDLE BAKKEN Perfs: 11786-21949

CTB No: 238606



Proj Oil Cum: 248.16 Mbbl Oil Rem: 81.23 Mbbl Oil EUR: 329.39 Mbbl Proj Gas Cum: 515.97 MMcf Gas Rem: 246.97 MMcf Gas EUR: 762.93 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

PHDWIN ID: 208

1/25/2024 12:00:00AM

NAME : FIELD : RESERVOIR : BANG 4-4H CEDAR COULEE MIDDLE BAKKEN

COUNTY, STATE : DU
OPERATOR : CO

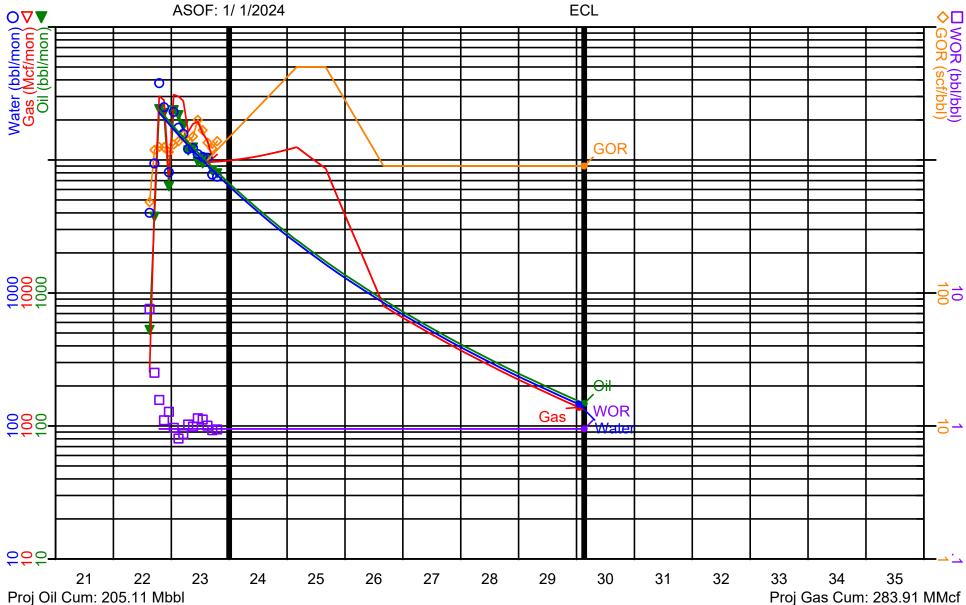
DUNN, ND CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES	S		GROSS RE	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	47.6	0.0	210.5	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	18.5	0.0	22.9	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	8.4	0.0	7.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	4.3	0.0	3.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	2.4	0.0	2.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	81.2	0.0	247.0	0.0	0.0	0.0	96.564	0.000	3.073	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	81.2	0.0	247.0	0.0	0.0	0.0	96.564	0.000	3.073	0.0	0.0	0.0	0.0
CUM PROD	248.2	0.0	516.0										
ULTIMATE	329.4	0.0	762.9										

				NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
											30	0.0
											40	0.0
											50	0.0
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 5.0 Y	RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: BANG 5-4H1 API Number: 33-025-04394 NDIC FILE No: 38676 Reservoir: THREE FORKS 1 Perfs: 11853-21991

CTB No: 238606



Oil Rem: 102.20 Mbbl Oil EUR: 307.32 Mbbl Proj Gas Cum: 283.91 MMcf Gas Rem: 269.53 MMcf Gas EUR: 553.44 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

PHDWIN ID: 209

REMAINING

TOTAL OF 6.1 YRS

1/25/2024 12:00:00AM

NAME: BANG 5-4HI
FIELD: CEDAR COULEE
RESERVOIR: THREE FORKS 1
COUNTY, STATE: DUNN, ND

OPERATOR:

: CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVE	S		NET RESERVES		AVE	ERAGE PRICES			GRO	SS REVENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	53.2	0.0	129.2	0.0	0.0	0.0	78.670	0.000	2.9	29	0.0	0.0	0.0
12-31-2025	23.9	0.0	110.2	0.0	0.0	0.0	78.670	0.000	2.9	29	0.0	0.0	0.0
12-31-2026	12.0	0.0	18.3	0.0	0.0	0.0	78.670	0.000	2.9	29	0.0	0.0	0.0
12-31-2027	6.6	0.0	5.9	0.0	0.0	0.0	0.000	0.000	0.0	00	0.0	0.0	0.0
12-31-2028	3.9	0.0	3.5	0.0	0.0	0.0	0.000	0.000	0.0	00	0.0	0.0	0.0
12-31-2029	2.4	0.0	2.1	0.0	0.0	0.0	0.000	0.000	0.0	00	0.0	0.0	0.0
12-31-2030	0.2	0.0	0.2	0.0	0.0	0.0	0.000	0.000	0.0	00	0.0	0.0	0.0
12-31-2031	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.0	00	0.0	0.0	0.0
SUBTOTAL REMAINING TOTAL CUM PROD ULTIMATE	102.2 0.0 102.2 205.1 307.3	0.0 0.0 0.0 0.0 0.0	269.5 0.0 269.5 283.9 553.4	0.0 0.0 0.0 0.0 NET DEDUCTIONS/I	0.0 0.0 0.0	0.0 0.0 0.0	90.200 0.000 90.200	0.000 0.000 0.000 FUTU	2.9 0.0 2.9 URE NET R	00 97	0.0	0.0	0.0 0.0 0.0 0.0 0.0 0.0
PERIOD	NUMBER OF A	CTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDIS	SCOUNTED	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DISCOUNT	ED AT 10%	PRESENT	WORTH PROFILE
ENDING	COMPLETI		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM		PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$		M\$	M\$	%	M\$
12-31-2024		0.0	0.0	0.0	0.0	0.0	0.0	<u> </u>	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	5	0.0
												-	

PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
											40	0.0
											50	0.0
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

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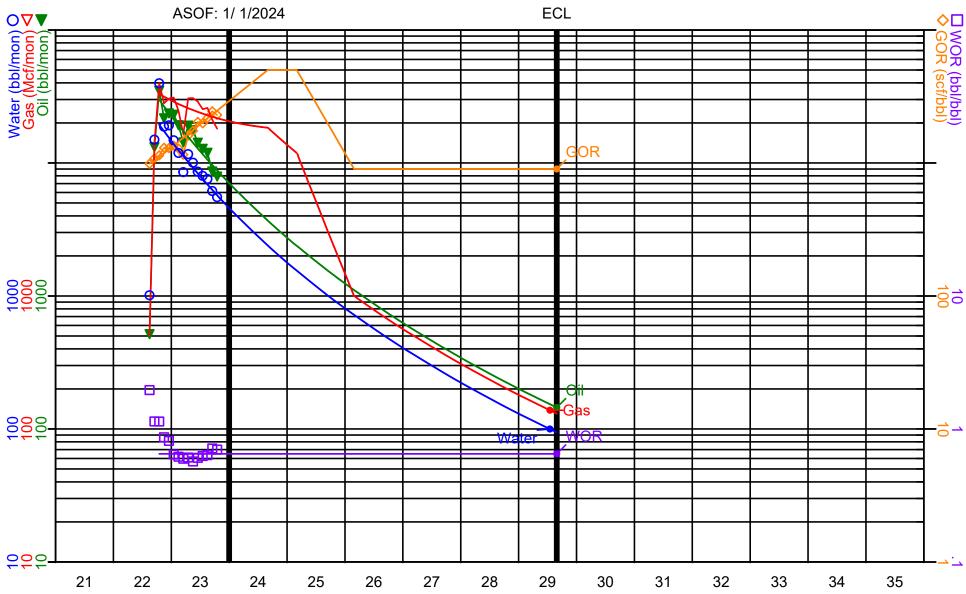
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Case Name: BANG 6-4H API Number: 33-025-04393 NDIC FILE No: 38675 Reservoir: MIDDLE BAKKEN Perfs: 11877-22040

CTB No: 238606



Proj Oil Cum: 257.91 Mbbl Oil Rem: 97.25 Mbbl Oil EUR: 355.15 Mbbl Proj Gas Cum: 408.21 MMcf Gas Rem: 312.39 MMcf Gas EUR: 720.60 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

PHDWIN ID: 210

1/25/2024 12:00:00AM

NAME: BA FIELD: CE RESERVOIR: MI COUNTY, STATE: DU

BANG 6-4H CEDAR COULEE MIDDLE BAKKEN DUNN, ND CONTINENTAL RESOURCES

OPERATOR: CONTIN

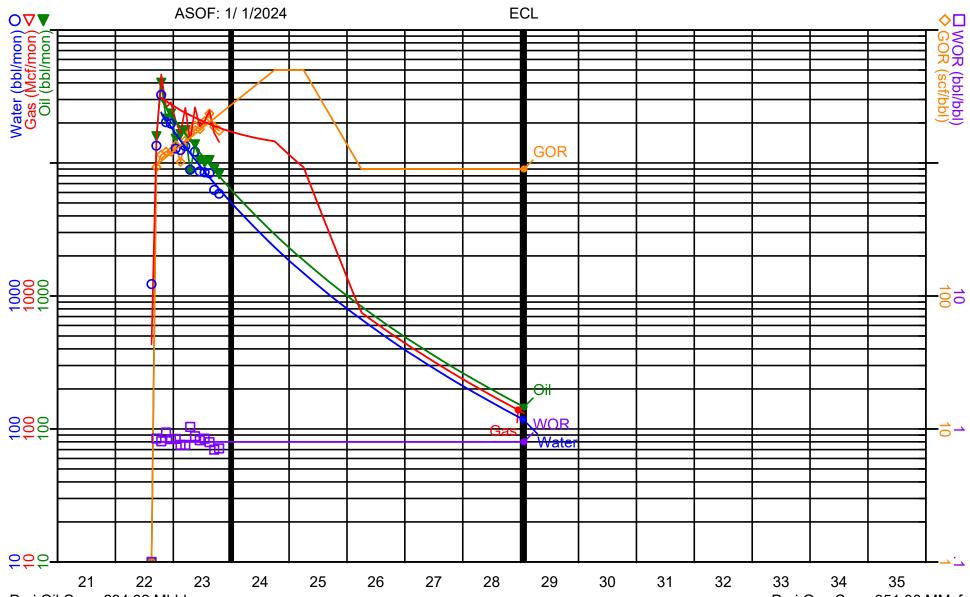
PERIOD _	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS RE	VENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	54.0	0.0	218.6	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	22.4	0.0	74.7	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	10.7	0.0	9.9	0.0	0.0	0.0	78.670	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	5.6	0.0	5.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	3.2	0.0	2.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	1.3	0.0	1.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
CUDTATA	072	0.0	212.4	00	00	00	97,919	0.000	2.070	00	00	0.0	
SUBTOTAL REMAINING	97.2 0.0	0.0	312.4 0.0	0.0 0.0	0.0 0.0	0.0	87.818 0.000	0.000	3.079 0.000	0.0 0.0	0.0 0.0	0.0	0.0 0.0
TOTAL	97.2	0.0	312.4	0.0	0.0	0.0	87.818	0.000	3.079	0.0	0.0	0.0	0.0
CUM PROD	257.9	0.0	408.2	0.0	0.0	0.0	67.818	0.000	3.079	0.0	0.0	0.0	0.0
ULTIMATE	355.2	0.0	720.6										
OLIMIAIE	333.2	0.0	/20.0										

12-31-2025	COMPLETIONS	ET	PROFITS M\$	ADV TAXES	COST	EXPENSE						
M-D-Y         GROSS         NET         MS		ET	M\$				PERIOD	CUM	DEDIOD	CUM	DICC DATE	CLD ( DW
12-31-2024	OSS NI			M\$	M\$	3.50			LKIOD	CUM	DISC RATE	CUM PW
12-31-2025         1         0.0         0.	1	0.0	0.0			M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2026       1       0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2028 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2030 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
30 0. 40 0.	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
40 0.	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
••											30	0.0
50 0.											40	0.0
											50	0.0
		1 1 1 1 1 0	1 0.0 1 0.0 1 0.0 1 0.0	1 0.0 0.0 1 0.0 0.0 1 0.0 0.0 1 0.0 0.0	1     0.0     0.0     0.0       1     0.0     0.0     0.0       1     0.0     0.0     0.0       1     0.0     0.0     0.0	1     0.0     0.0     0.0       1     0.0     0.0     0.0       1     0.0     0.0     0.0       1     0.0     0.0     0.0       1     0.0     0.0     0.0	1     0.0     0.0     0.0     0.0       1     0.0     0.0     0.0     0.0       1     0.0     0.0     0.0     0.0       1     0.0     0.0     0.0     0.0       1     0.0     0.0     0.0     0.0	1     0.0     0.0     0.0     0.0     0.0       1     0.0     0.0     0.0     0.0     0.0       1     0.0     0.0     0.0     0.0     0.0       1     0.0     0.0     0.0     0.0     0.0       1     0.0     0.0     0.0     0.0     0.0	1     0.0     0.0     0.0     0.0     0.0     0.0       1     0.0     0.0     0.0     0.0     0.0     0.0       1     0.0     0.0     0.0     0.0     0.0     0.0       1     0.0     0.0     0.0     0.0     0.0     0.0	1     0.0     0.0     0.0     0.0     0.0     0.0     0.0       1     0.0     0.0     0.0     0.0     0.0     0.0     0.0       1     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0       1     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0	1     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0       1     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0       1     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0       1     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0	1       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       8         1       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       10         1       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       15         0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       20         30       0.0

SUBTOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL OF 5.7 YRS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Case Name: BANG 7-4H1 API Number: 33-025-04392 NDIC FILE No: 38674 Reservoir: THREE FORKS 1 Perfs: 11981-22161

CTB No: 238606



Proj Oil Cum: 234.82 Mbbl Oil Rem: 80.84 Mbbl Oil EUR: 315.66 Mbbl Proj Gas Cum: 351.06 MMcf Gas Rem: 262.41 MMcf Gas EUR: 613.46 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

PHDWIN ID: 211

REMAINING

TOTAL OF 5.1 YRS

1/25/2024 12:00:00AM

NAME: BANG 7-4HI
FIELD: CEDAR COULEE
RESERVOIR: THREE FORKS 1
COUNTY, STATE: DUNN, ND

OPERATOR: CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	'ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	46.9	0.0	180.2	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	18.5	0.0	67.7	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	8.5	0.0	8.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	4.4	0.0	3.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	2.4	0.0	2.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	0.1	0.0	0.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL REMAINING TOTAL CUM PROD	80.8 0.0 80.8 234.8	0.0 0.0 0.0 0.0	262.4 0.0 262.4 351.1	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	97.053 0.000 97.053	0.000 0.000 0.000	3.073 0.000 3.073	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
ULTIMATE	315.7	0.0	613.5										
			NF	T DEDUCTIONS/F	XPENDITURES			FUT	TIRE NET REVENI	TF.			

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
											30	0.0
											40	0.0
											50	0.0
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

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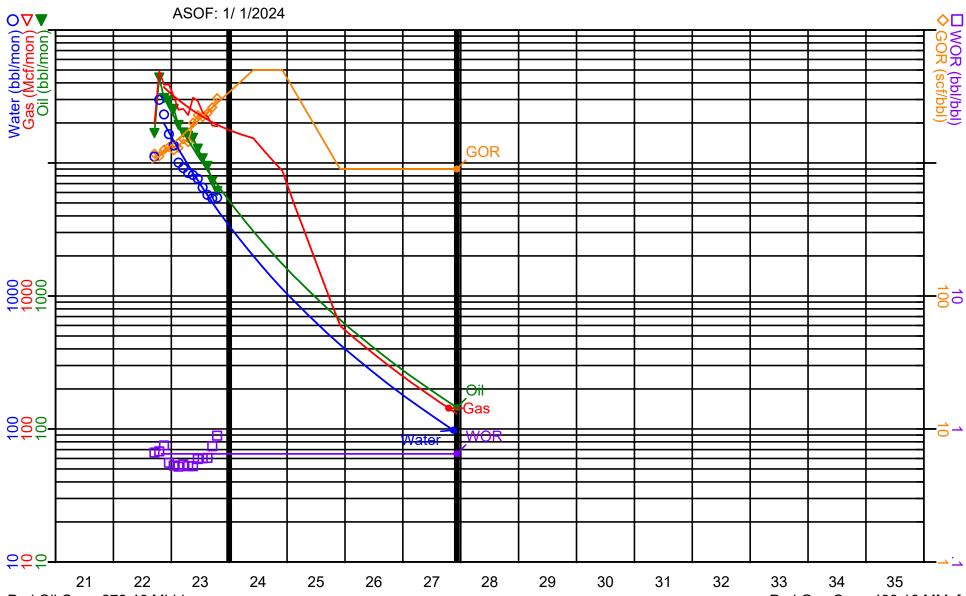
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Case Name: BANG 8-4H API Number: 33-025-04391 NDIC FILE No: 38673 Reservoir: MIDDLE BAKKEN Perfs: 12019-22185

CTB No: 238606



Proj Oil Cum: 272.46 Mbbl Oil Rem: 55.16 Mbbl Oil EUR: 327.62 Mbbl Proj Gas Cum: 433.16 MMcf Gas Rem: 194.77 MMcf Gas EUR: 627.94 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST :

PHDWIN ID: 212

1/25/2024 12:00:00AM

BANG 8-4H NAME: CEDAR COULEE FIELD: RESERVOIR: MIDDLE BAKKEN DUNN, ND CONTINENTAL RESOURCES COUNTY, STATE:

OPERATOR:

PERIOD	G	ROSS RESERVES			NET RESERVES		A	VERAGE PRICES			GROSS RE	EVENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	35.8	0.0	159.8	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	12.1	0.0	28.4	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	5.0	0.0	4.5	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	2.3	0.0	2.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0

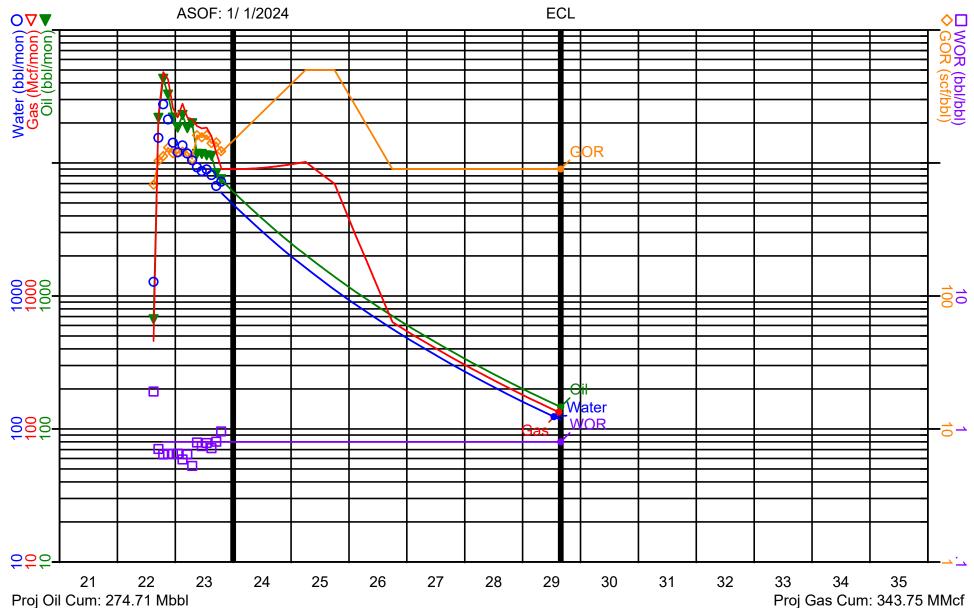
SUBTOTAL	55.2	0.0	194.8	0.0	0.0	0.0	90.631	0.000	2.999	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	55.2	0.0	194.8	0.0	0.0	0.0	90.631	0.000	2.999	0.0	0.0	0.0	0.0
CUM PROD	272.5	0.0	433.2										
ULTIMATE	327.6	0.0	627.9										

				NET DEDUCTIONS				FUTURE NET				
PERIOD ENDING	NUMBER OF COMPLET	TIONS	NET PROFITS	PROD AND ADV TAXES	CAPITAL COST	OPERATING EXPENSE	UNDISCOU PERIOD	CUM	DISCOUNTED PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
											15	0.0
											20	0.0
											30	0.0
											40	0.0
											50	0.0

SUBTOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL OF 3.9 YRS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Case Name: BANG 9-4H1 API Number: 33-025-04372 NDIC FILE No: 38606 Reservoir: THREE FORKS 1 Perfs: 11945-21541

CTB No: 238606



Oil Rem: 88.47 Mbbl Oil EUR: 363.18 Mbbl Proj Gas Cum: 343.75 MMcf Gas Rem: 233.66 MMcf Gas EUR: 577.41 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

PHDWIN ID: 213

1/25/2024 12:00:00AM

NAME: BANG 9-4HI
FIELD: CEDAR COULEE
RESERVOIR: THREE FORKS 1
COUNTY, STATE: DUNN, ND

OPERATOR:

CONTINENTAL RESOURCES

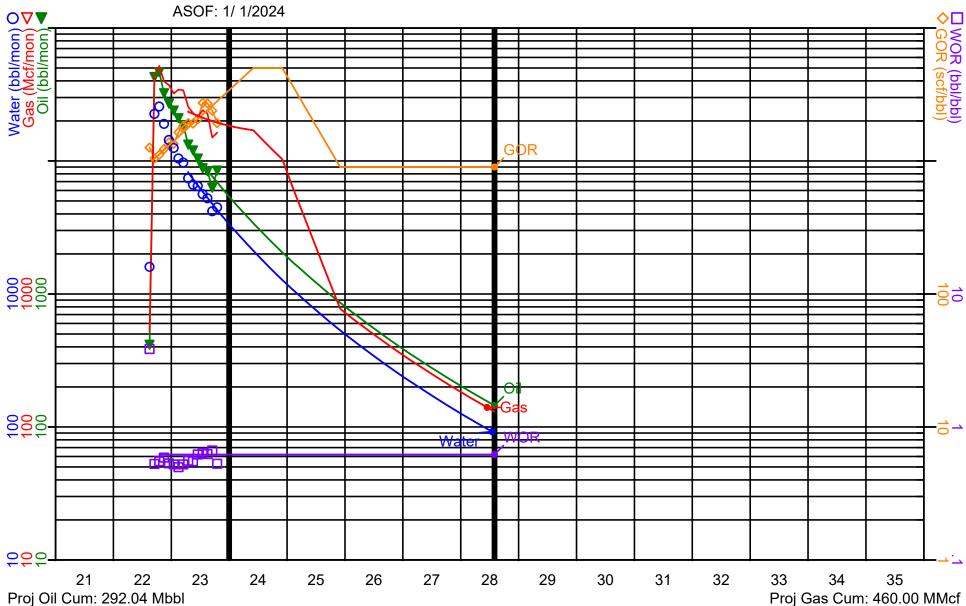
PERIOD	PERIOD GROSS RESERVES				NET RESERVES			AVERAGE PRICES			GROSS REVENUE			
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL	
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$	
12-31-2024	47.7	0.0	111.1	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0	
12-31-2025	20.7	0.0	96.1	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0	
12-31-2026	10.2	0.0	17.5	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0	
12-31-2027	5.5	0.0	4.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0	
12-31-2028	3.1	0.0	2.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0	
12-31-2029	1.3	0.0	1.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0	
12-31-2030	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0	
SUBTOTAL	88.5	0.0	233.7	0.0	0.0	0.0	88.638	0.000	2.993	0.0	0.0	0.0	0.0	
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0	
TOTAL	88.5	0.0	233.7	0.0	0.0	0.0	88.638	0.000	2.993	0.0	0.0	0.0	0.0	
CUM PROD	274.7	0.0	343.7											
ULTIMATE	363.2	0.0	577.4											

		_		NET DEDUCTIONS	EXPENDITURES			FUTURE NET				
PERIOD	NUMBER OF ACTIVE		NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	JNTED	DISCOUNTE	O AT 10%	PRESENT WORTH PROFILE	
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
											30	0.0
											40	0.0
											50	0.0

SUBTOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL OF 5.7 YRS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Case Name: BANG 10-4H API Number: 33-025-04373 NDIC FILE No: 38607 Reservoir: MIDDLE BAKKEN Perfs: 11805-21558

CTB No: 238606



Oil Rem: 65.97 Mbbl Oil EUR: 358.01 Mbbl Proj Gas Cum: 460.00 MMcf Gas Rem: 222.53 MMcf Gas EUR: 682.53 MMcf

1/25/2024 12:00:00AM

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

PHDWIN ID: 214

NAME : FIELD : RESERVOIR : BANG 10-4H CEDAR COULEE MIDDLE BAKKEN

COUNTY, STATE : OPERATOR :

0.0

0.0

0.0

ATE: DUNN, ND
CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES			NET RESERVES		AV	VERAGE PRICES	3				
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	39.5	0.0	177.3	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	15.1	0.0	35.0	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	6.8	0.0	6.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	3.4	0.0	3.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	1.2	0.0	1.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	66.0	0.0	222.5	0.0	0.0	0.0	95.052	0.000	3.013	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	66.0	0.0	222.5	0.0	0.0	0.0	95.052	0.000	3.013	0.0	0.0	0.0	0.0
CUM PROD	292.0	0.0	460.0										
ULTIMATE	358.0	0.0	682.5										
			NE	ET DEDUCTIONS/E	XPENDITURES			FUT	TURE NET REVEN	UE.			

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET				
PERIOD	NUMBER OF ACTIVE COMPLETIONS		NET	PROD AND	CAPITAL COST	OPERATING	UNDISCOU	JNTED	DISCOUNTED AT 10%		PRESENT WORTH PROFILE	
ENDING			PROFITS	ADV TAXES		EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
											20	0.0
											30	0.0
											40	0.0
											50	0.0
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

0.0

TOTAL OF 4.6 YRS

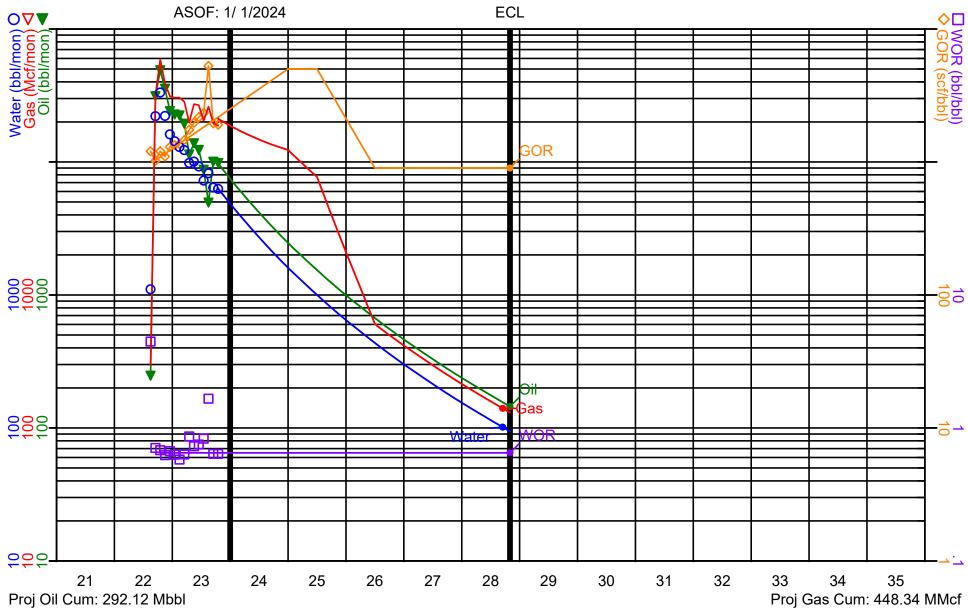
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Case Name: BANG 11-4H1 API Number: 33-025-04374 NDIC FILE No: 38608

Reservoir: THREE FORKS 1 Perfs: 11886-21498

CTB No: 238606



Proj Oil Cum: 292.12 Mbbl Oil Rem: 86.45 Mbbl Oil EUR: 378.57 Mbbl

Gas Rem: 279.61 MMcf Gas EUR: 727.95 MMcf

OIL

\$/BBL

GAS

MMCF

AVERAGE PRICES

NGL

\$/GAL

GAS

\$/MCF

NET RESERVES

NGL

MGAL

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

OIL

MBBL

GROSS RESERVES

NGL

MGAL

GAS

MMCF

OIL

MBBL

PHDWIN ID: 215

PERIOD

**ENDING** 

M-D-Y

SUBTOTAL

REMAINING

TOTAL OF 4.8 YRS

1/25/2024 12:00:00AM

BANG 11-4H1 NAME: CEDAR COULEE FIELD: RESERVOIR: THREE FORKS 1 COUNTY, STATE: DUNN, ND

OIL

M\$

OPERATOR: CONTINENTAL RESOURCES NGL

M\$

GROSS REVENUE

GAS

M\$

TOTAL

M\$

12-31-2024	53.1	0.0	180.0	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	19.2	0.0	84.1	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	8.3	0.0	10.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	4.0	0.0	3.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	1.9	0.0	1.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL REMAINING	86.5 0.0	0.0 0.0	279.6 0.0	0.0	0.0 0.0	0.0 0.0	94.076 0.000	0.000 0.000	3.042 0.000	0.0	0.0	0.0	0.0 0.0
TOTAL	86.5	0.0	279.6	0.0	0.0	0.0	94.076	0.000	3.042	0.0	0.0	0.0	0.0
CUM PROD	292.1	0.0	448.3										
ULTIMATE	378.6	0.0	727.9										
			1	NET DEDUCTIONS/	EXPENDITURES			FU	JTURE NET REV	/ENUE			
PERIOD	NUMBER OF A	CTIVE	NET	PROD AND	CAPITAL	OPERATING	UNI	DISCOUNTED		DISCOUNTEL	AT 10%	PRESENT WOR	RTH PROFILE
ENDING	COMPLETIC		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CU	JM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M	1\$	M\$	M\$	%	M\$
											0.0	0	0.0
12-31-2024	1	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0	
12-31-2024 12-31-2025	1 1	0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0		0.0 0.0	0.0 0.0	0.0	0.0	5	0.0
	1 1 1											5 8	0.0
12-31-2025 12-31-2026 12-31-2027	1 1 1 1	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0		0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	5 8 10	0.0 0.0
12-31-2025 12-31-2026	1 1 1 1	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0		0.0	0.0 0.0	0.0 0.0	0.0 0.0	5 8	0.0
12-31-2025 12-31-2026 12-31-2027	1 1 1 1 0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0		0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	5 8 10	0.0 0.0
12-31-2025 12-31-2026 12-31-2027 12-31-2028	•	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0		0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	5 8 10 12	0.0 0.0 0.0
12-31-2025 12-31-2026 12-31-2027 12-31-2028	•	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0		0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	5 8 10 12	0.0 0.0 0.0 0.0
12-31-2025 12-31-2026 12-31-2027 12-31-2028	•	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0		0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	5 8 10 12 15 20	0.0 0.0 0.0 0.0 0.0

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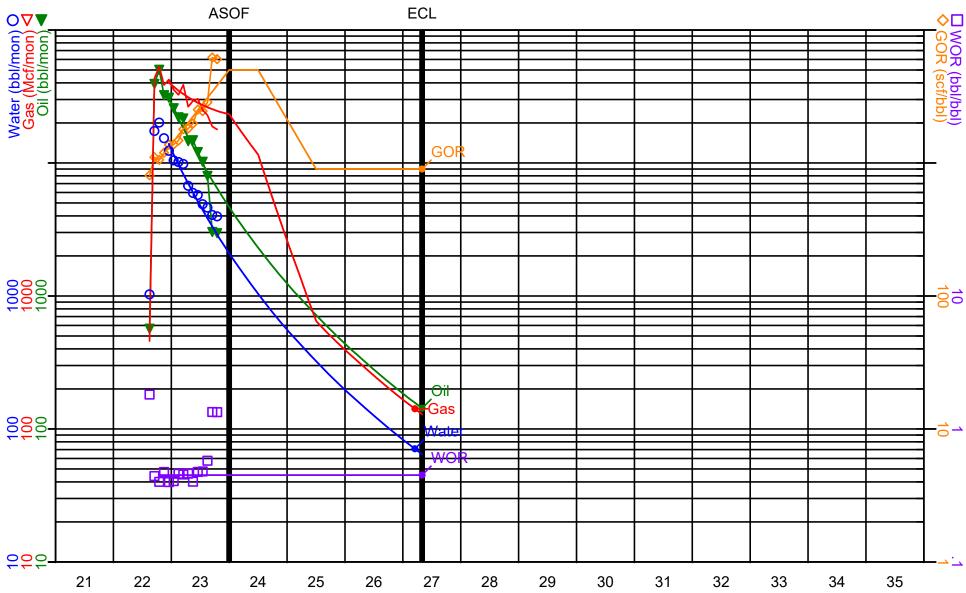
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Case Name: BANG 12-4H API Number: 33-025-04375 NDIC FILE No: 38609 Reservoir: MIDDLE BAKKEN Perfs: 11473-21515

CTB No: 238606



Proj Oil Cum: 299.06 Mbbl Oil Rem: 43.30 Mbbl Oil EUR: 342.35 Mbbl Proj Gas Cum: 502.74 MMcf Gas Rem: 150.18 MMcf Gas EUR: 652.92 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

PHDWIN ID: 216

1/25/2024 12:00:00AM

NAME: BANG 12-4H FIELD: CEDAR COULEE RESERVOIR: MIDDLE BAKKEN COUNTY, STATE: DUNN, ND

OPERATOR:

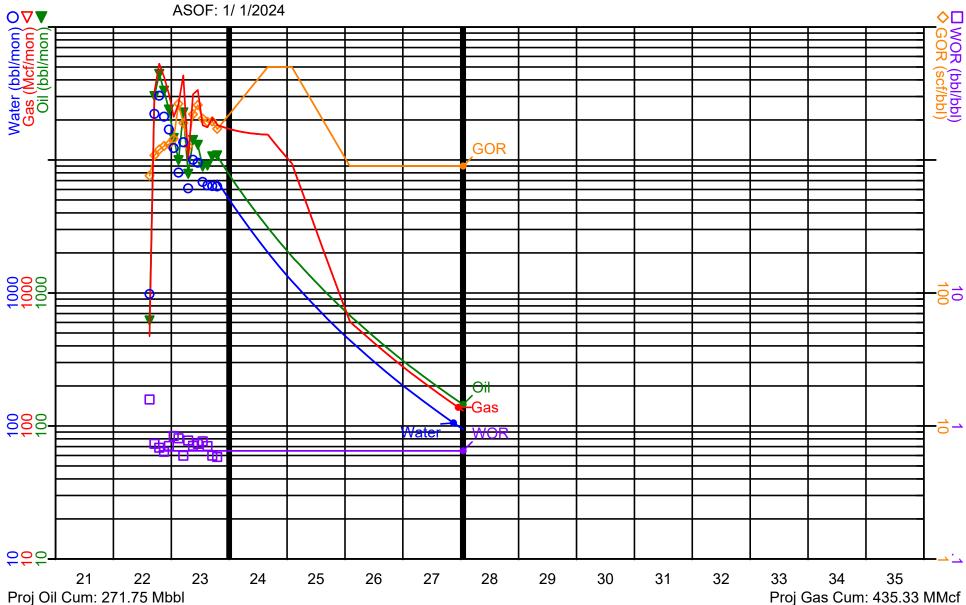
CONTINENTAL RESOURCES

PERIOD	Gl	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	VENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	30.1	0.0	135.1	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	9.1	0.0	11.4	0.0	0.0	0.0	0.000	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	3.5	0.0	3.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	0.6	0.0	0.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	43.3	0.0	150.2	0.0	0.0	0.0	113.080	0.000	2,929	0.0	0.0	0.0	0.0
REMAINING	0.0 43.3	0.0	0.0	0.0 0.0	0.0	0.0 0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0 0.0
TOTAL		0.0	150.2	0.0	0.0	0.0	113.080	0.000	2.929	0.0	0.0	0.0	0.0
CUM PROD	299.1	0.0	502.7										
ULTIMATE	342.4	0.0	652.9										

ULTIMATE	342.4	U	.0 652.	9								
				NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	FACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	UNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
											15	0.0
											20	0.0
											30	0.0
											40	0.0
											50	0.0
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 3.3 Y	RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: BANG 13-4H1 API Number: 33-025-04378 NDIC FILE No: 38614 Reservoir: THREE FORKS 1 Perfs: 11879-21597

CTB No: 238606



Oil Rem: 73.96 Mbbl Oil EUR: 345.70 Mbbl Proj Gas Cum: 435.33 MMcf Gas Rem: 234.51 MMcf Gas EUR: 669.85 MMcf

0.0

0.0

0.0

0.0

OIL

\$/BBL

78.670

78.670

0.000

0.000

GAS

MMCF

AVERAGE PRICES

NGL

\$/GAL

0.000

0.000

0.000

0.000

GAS

\$/MCF

2.929

2.929

0.000

0.000

NET RESERVES

NGL

MGAL

0.0

0.0

0.0

0.0

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

OIL

MBBL

50.3

15.2

5.8

2.6

GROSS RESERVES

NGL

MGAL

0.0

0.0

0.0

0.0

GAS

MMCF

179.6

47.2

5.3

2.3

0.0

0.0

0.0

All estimates and exhibits are part of this report and subject to its parameters and conditions.

OIL

MBBL

0.0

0.0

0.0

0.0

PHDWIN ID: 217

PERIOD

**ENDING** 

M-D-Y

12-31-2024

12-31-2025

12-31-2026

12-31-2027

SUBTOTAL

REMAINING

TOTAL OF 4.0 YRS

1/25/2024 12:00:00AM

NAME: BANG 13-4H1
FIELD: CEDAR COULEE
RESERVOIR: THREE FORKS 1
COUNTY, STATE: DUNN, ND

OPERATOR :

0.0

0.0

0.0

0.0

OIL

M\$

CONTINENTAL RESOURCES
GROSS REVENUE

0.0

0.0

0.0

0.0

GAS

M\$

0.0

0.0

0.0

0.0

NGL

M\$

TOTAL

M\$

0.0

0.0

0.0

0.0

12-31-2028	0.1	0.0	0.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	.0	0.0
12-31-2029	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	.0	0.0
SUBTOTAL	74.0	0.0	234.5	0.0	0.0	0.0	88.796	0.000	2.997	0.0 0	.0	0.0 0.0
REMAINING	0.0	0.0			0.0	0.0	0.000	0.000				0.0 0.0
TOTAL	74.0	0.0			0.0	0.0	88.796	0.000				0.0 0.0
CUM PROD	271.7	0.0	435.3									
ULTIMATE	345.7	0.0	669.8									
				MET DEDITIONS	EVDENIDITIBEC			CUTUDE M	OT DEVENUE			
		<b>-</b>		NET DEDUCTIONS/		open impig	Inibioo		ET REVENUE	ED AT 100/	DDECEMEN	HODEH PROFILE
PERIOD	NUMBER OF		NET	PROD AND	CAPITAL	OPERATING	UNDISC	OUNTED	DISCOUNT			VORTH PROFILE
ENDING	COMPLET	TONS	NET PROFITS	PROD AND ADV TAXES	CAPITAL COST	EXPENSE	PERIOD	OUNTED CUM	DISCOUNT PERIOD	CUM	DISC RATE	CUM PW
ENDING M-D-Y		TIONS NET	NET PROFITS M\$	PROD AND ADV TAXES M\$	CAPITAL COST M\$	EXPENSE M\$	PERIOD M\$	OUNTED CUM M\$	DISCOUNT PERIOD M\$	CUM M\$	DISC RATE	CUM PW M\$
ENDING M-D-Y 12-31-2024	COMPLET	NET 0.0	NET PROFITS M\$	PROD AND ADV TAXES M\$	CAPITAL COST M\$	EXPENSE M\$ 0.0	PERIOD M\$ 0.0	CUM M\$	DISCOUNT PERIOD M\$ 0.0	CUM M\$	DISC RATE % 0	CUM PW M\$ 0.0
ENDING M-D-Y 12-31-2024 12-31-2025	COMPLET	NET 0.0 0.0	NET PROFITS M\$ 0.0 0.0	PROD AND ADV TAXES M\$ 0.0 0.0	CAPITAL COST M\$ 0.0 0.0	EXPENSE M\$ 0.0 0.0	PERIOD M\$ 0.0 0.0	CUM M\$ 0.0 0.0	DISCOUNT PERIOD M\$ 0.0 0.0	CUM M\$ 0.0 0.0	DISC RATE % 0 5	CUM PW M\$ 0.0 0.0
ENDING M-D-Y 12-31-2024	COMPLET	NET 0.0	NET PROFITS M\$	PROD AND ADV TAXES M\$	CAPITAL COST M\$	EXPENSE M\$ 0.0	PERIOD M\$ 0.0	CUM M\$	DISCOUNT PERIOD M\$ 0.0	CUM M\$	DISC RATE % 0	CUM PW M\$ 0.0
ENDING M-D-Y 12-31-2024 12-31-2025 12-31-2026	GROSS  1 1 1	O.0 0.0 0.0 0.0	NET PROFITS M\$ 0.0 0.0 0.0	PROD AND ADV TAXES M\$  0.0 0.0 0.0	CAPITAL COST M\$ 0.0 0.0 0.0	EXPENSE M\$ 0.0 0.0 0.0	PERIOD M\$ 0.0 0.0 0.0	OUNTED  CUM  M\$  0.0  0.0  0.0	DISCOUNT PERIOD M\$ 0.0 0.0 0.0	CUM M\$ 0.0 0.0 0.0	0 5 8	CUM PW M\$ 0.0 0.0 0.0
ENDING M-D-Y 12-31-2024 12-31-2025 12-31-2026 12-31-2027 12-31-2028	COMPLET GROSS  1 1 1 1 1	NET 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	NET PROFITS M\$ 0.0 0.0 0.0 0.0 0.0	PROD AND ADV TAXES M\$  0.0 0.0 0.0 0.0 0.0 0.0	CAPITAL COST M\$ 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	PERIOD M\$  0.0  0.0  0.0  0.0  0.0  0.0  0.0	OUNTED  CUM  M\$  0.0  0.0  0.0  0.0  0.0  0.0  0.0	DISCOUNT PERIOD MS  0.0 0.0 0.0 0.0 0.0 0.0	CUM M\$ 0.0 0.0 0.0 0.0 0.0	DISC RATE % 0 5 8 10 12	CUM PW M\$ 0.0 0.0 0.0 0.0 0.0
ENDING M-D-Y 12-31-2024 12-31-2025 12-31-2026 12-31-2027	GROSS  1 1 1 1	NET 0.0 0.0 0.0 0.0 0.0	NET PROFITS M\$ 0.0 0.0 0.0 0.0	PROD AND ADV TAXES M\$ 0.0 0.0 0.0 0.0	CAPITAL COST M\$ 0.0 0.0 0.0 0.0	EXPENSE M\$ 0.0 0.0 0.0 0.0	PERIOD M\$ 0.0 0.0 0.0 0.0	OUNTED  CUM  MS  0.0 0.0 0.0 0.0 0.0	DISCOUNT PERIOD M\$ 0.0 0.0 0.0 0.0	CUM MS 0.0 0.0 0.0 0.0	DISC RATE % 0 5 8 10	CUM PW M\$ 0.0 0.0 0.0 0.0
ENDING M-D-Y 12-31-2024 12-31-2025 12-31-2026 12-31-2027 12-31-2028	COMPLET GROSS  1 1 1 1 1	NET 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	NET PROFITS M\$ 0.0 0.0 0.0 0.0 0.0	PROD AND ADV TAXES M\$  0.0 0.0 0.0 0.0 0.0 0.0	CAPITAL COST M\$ 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	PERIOD M\$  0.0  0.0  0.0  0.0  0.0  0.0  0.0	OUNTED  CUM  M\$  0.0  0.0  0.0  0.0  0.0  0.0  0.0	DISCOUNT PERIOD MS  0.0 0.0 0.0 0.0 0.0 0.0	CUM M\$ 0.0 0.0 0.0 0.0 0.0	DISC RATE %  0 5 8 10 12	CUM PW M\$ 0.0 0.0 0.0 0.0 0.0 0.0
ENDING M-D-Y 12-31-2024 12-31-2025 12-31-2026 12-31-2027 12-31-2028	COMPLET GROSS  1 1 1 1 1	NET 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	NET PROFITS M\$ 0.0 0.0 0.0 0.0 0.0	PROD AND ADV TAXES M\$  0.0 0.0 0.0 0.0 0.0 0.0	CAPITAL COST M\$ 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	PERIOD M\$  0.0  0.0  0.0  0.0  0.0  0.0  0.0	OUNTED  CUM  M\$  0.0  0.0  0.0  0.0  0.0  0.0  0.0	DISCOUNT PERIOD MS  0.0 0.0 0.0 0.0 0.0 0.0	CUM M\$ 0.0 0.0 0.0 0.0 0.0	DISC RATE % 0 5 8 10 12 15 20 30 40	CUM PW MS  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
ENDING M-D-Y 12-31-2024 12-31-2025 12-31-2026 12-31-2027 12-31-2028	COMPLET GROSS  1 1 1 1 1	NET 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	NET PROFITS M\$ 0.0 0.0 0.0 0.0 0.0	PROD AND ADV TAXES M\$  0.0 0.0 0.0 0.0 0.0 0.0	CAPITAL COST M\$ 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	PERIOD M\$  0.0  0.0  0.0  0.0  0.0  0.0  0.0	OUNTED  CUM  M\$  0.0  0.0  0.0  0.0  0.0  0.0  0.0	DISCOUNT PERIOD MS  0.0 0.0 0.0 0.0 0.0 0.0	CUM M\$ 0.0 0.0 0.0 0.0 0.0	DISC RATE % 0 5 8 10 12 15 20 30	CUM PW MS  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
ENDING M-D-Y 12-31-2024 12-31-2025 12-31-2026 12-31-2027 12-31-2028	COMPLET GROSS  1 1 1 1 1	NET 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	NET PROFITS M\$ 0.0 0.0 0.0 0.0 0.0	PROD AND ADV TAXES M\$  0.0 0.0 0.0 0.0 0.0 0.0	CAPITAL COST M\$ 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	PERIOD M\$  0.0  0.0  0.0  0.0  0.0  0.0  0.0	OUNTED  CUM  M\$  0.0  0.0  0.0  0.0  0.0  0.0  0.0	DISCOUNT PERIOD MS  0.0 0.0 0.0 0.0 0.0 0.0	CUM M\$ 0.0 0.0 0.0 0.0 0.0	DISC RATE % 0 5 8 10 12 15 20 30 40	CUM PW MS  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
ENDING M-D-Y 12-31-2024 12-31-2025 12-31-2026 12-31-2027 12-31-2028	COMPLET GROSS  1 1 1 1 1	NET 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	NET PROFITS M\$ 0.0 0.0 0.0 0.0 0.0	PROD AND ADV TAXES M\$  0.0 0.0 0.0 0.0 0.0 0.0	CAPITAL COST M\$ 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	PERIOD M\$  0.0  0.0  0.0  0.0  0.0  0.0  0.0	OUNTED  CUM  M\$  0.0  0.0  0.0  0.0  0.0  0.0  0.0	DISCOUNT PERIOD MS  0.0 0.0 0.0 0.0 0.0 0.0	CUM M\$ 0.0 0.0 0.0 0.0 0.0	DISC RATE % 0 5 8 10 12 15 20 30 40	CUM PW MS  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
ENDING M-D-Y 12-31-2024 12-31-2025 12-31-2026 12-31-2027 12-31-2028	COMPLET GROSS  1 1 1 1 1	NET 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	NET PROFITS M\$ 0.0 0.0 0.0 0.0 0.0	PROD AND ADV TAXES M\$  0.0 0.0 0.0 0.0 0.0 0.0	CAPITAL COST M\$ 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	PERIOD M\$  0.0  0.0  0.0  0.0  0.0  0.0  0.0	OUNTED  CUM  M\$  0.0  0.0  0.0  0.0  0.0  0.0  0.0	DISCOUNT PERIOD MS  0.0 0.0 0.0 0.0 0.0 0.0	CUM M\$ 0.0 0.0 0.0 0.0 0.0	DISC RATE % 0 5 8 10 12 15 20 30 40	CUM PW MS  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
ENDING M-D-Y 12-31-2024 12-31-2025 12-31-2026 12-31-2027 12-31-2028	COMPLET GROSS  1 1 1 1 1	NET 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	NET PROFITS M\$ 0.0 0.0 0.0 0.0 0.0	PROD AND ADV TAXES M\$  0.0 0.0 0.0 0.0 0.0 0.0	CAPITAL COST M\$ 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	PERIOD M\$  0.0  0.0  0.0  0.0  0.0  0.0  0.0	OUNTED  CUM  M\$  0.0  0.0  0.0  0.0  0.0  0.0  0.0	DISCOUNT PERIOD MS  0.0 0.0 0.0 0.0 0.0 0.0	CUM M\$ 0.0 0.0 0.0 0.0 0.0	DISC RATE % 0 5 8 10 12 15 20 30 40	CUM PW MS  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0

0.0

0.0

0.0

0.0

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0.0

0.0

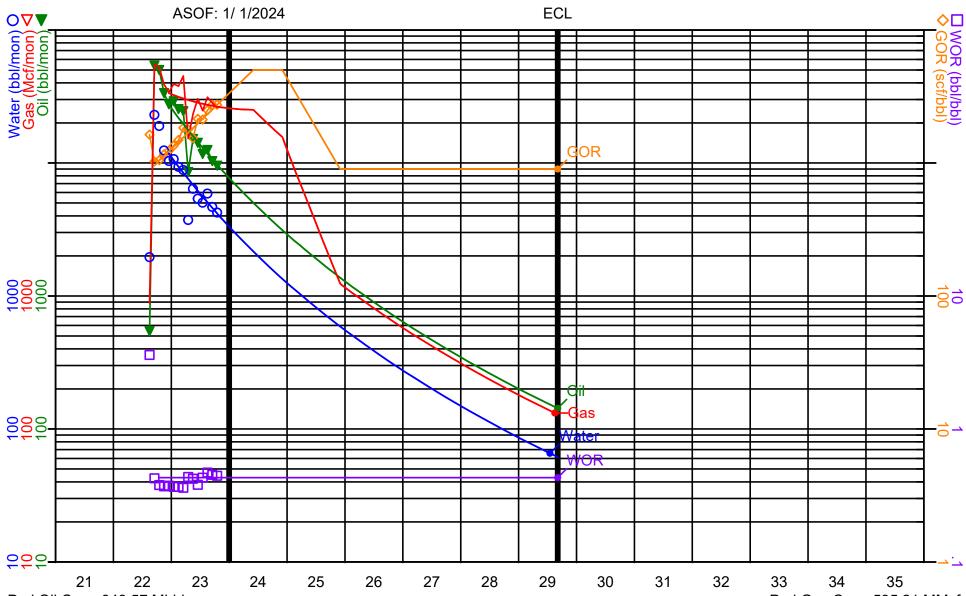
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0.0

Case Name: BANG FIU 14-4HSL API Number: 33-025-04376 NDIC FILE No: 38610

Reservoir: MIDDLE BAKKEN Perfs: 11758-21413

CTB No: 238606



Proj Oil Cum: 343.57 Mbbl Oil Rem: 103.03 Mbbl Oil EUR: 446.60 Mbbl Proj Gas Cum: 535.21 MMcf Gas Rem: 333.99 MMcf Gas EUR: 869.20 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

PHDWIN ID: 218

1/25/2024 12:00:00AM

NAME : FIELD : RESERVOIR : COUNTY, STATE :

BANG FIU 14-4HSL CEDAR COULEE MIDDLE BAKKEN DUNN, ND

COUNTY, STATE: DUNN, ND
OPERATOR: CONTINENTAL RESOURCES

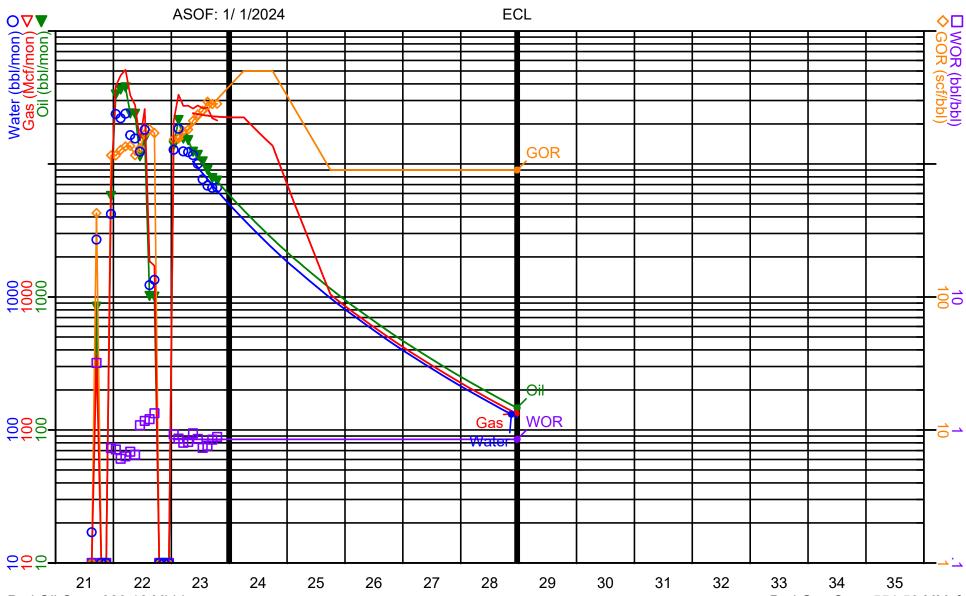
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES	3		GROSS RE	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	58.2	0.0	260.6	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	23.6	0.0	54.3	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	11.0	0.0	9.9	0.0	0.0	0.0	78.670	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	5.7	0.0	5.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	3.2	0.0	2.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	1.4	0.0	1.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	103.0	0.0	334.0	0.0	0.0	0.0	87.358	0.000	3.069	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	103.0	0.0	334.0	0.0	0.0	0.0	87.358	0.000	3.069	0.0	0.0	0.0	0.0
CUM PROD	343.6	0.0	535.2										
ULTIMATE	446.6	0.0	869.2										

				NET DEDUCTIONS.	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	JNTED	DISCOUNTEL	AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
											30	0.0
											40	0.0
											50	0.0

SUBTOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL OF 5.7 YRS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Case Name: GALE 14-32HSL API Number: 33-025-04014 NDIC FILE No: 37407 Reservoir: MIDDLE BAKKEN Perfs: 11860-21995

CTB No: 237373



Proj Oil Cum: 328.12 Mbbl Oil Rem: 75.90 Mbbl Oil EUR: 404.01 Mbbl Proj Gas Cum: 551.53 MMcf Gas Rem: 246.83 MMcf Gas EUR: 798.36 MMcf

#### 1/25/2024 12:00:00AM PROJECTION OF RESERVES AND REVENUE

OIL

MBBL

0.0

0.0

0.0

0.0

0.0

0.0

GAS

MMCF

203.0

30.8

7.3

3.7

2.0

0.0

AS OF JANUARY 1, 2024

0.0

0.0

0.0

0.0

0.0

0.0

OIL

\$/BBL

78.670

78.670

0.000

0.000

0.000

0.000

GAS

MMCF

AVERAGE PRICES

NGL

\$/GAL

0.000

0.000

0.000

0.000

0.000

0.000

GAS

\$/MCF

2.929

2.929

0.000

0.000

0.000

0.000

NET RESERVES

NGL

MGAL

0.0

0.0

0.0

0.0

0.0

0.0

ANDRESS SANDEFER ET AL CURRENT INTEREST

GROSS RESERVES

NGL

MGAL

0.0

0.0

0.0

0.0

0.0

0.0

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST:

OIL

MBBL

43.9

17.5

8.1

4.1

2.3

0.0

PHDWIN ID: 219

PERIOD

**ENDING** 

M-D-Y

12-31-2024

12-31-2025

12-31-2026

12-31-2027

12-31-2028

12-31-2029

TOTAL OF 5.0 YRS

GALE 14-32HSL NAME: FIELD: CEDAR COULEE RESERVOIR: MIDDLE BAKKEN COUNTY, STATE: DUNN, ND

OPERATOR:

0.0

0.0

0.0

0.0

0.0

0.0

OIL

M\$

CONTINENTAL RESOURCES

NGL

M\$

GROSS REVENUE

0.0

0.0

0.0

0.0

0.0

0.0

GAS

M\$

0.0

0.0

0.0

0.0

0.0

0.0

TOTAL

M\$

0.0

0.0

0.0

0.0

0.0

0.0

12-31-2029	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.	0.0
SUBTOTAL	75.9	0.0	246.8	0.0	0.0	0.0	97.234	0.000	3.067	0.0 0	0 0.	0.0
REMAINING	0.0	0.0			0.0	0.0	0.000		0.000	0.0 0		
TOTAL	75.9	0.0			0.0	0.0	97.234		3.067	0.0 0		
CUM PROD	328.1	0.0	551.5									
ULTIMATE	404.0	0.0	798.4									
	ATT OF ST		NET	NET DEDUCTIONS/I PROD AND		OPERATING	UNDISCO		T REVENUE	ΓΕD AT 10%	DD ECENIT W	ORTH PROFILE
PERIOD ENDING	NUMBER OF A COMPLETI		PROFITS	ADV TAXES	CAPITAL COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
VI-13- Y	GROSS	NET	MS	M\$	M\$	MS	MS	MS	MS	MS	%	M\$
M-D-Y	GROSS 1	NET 0.0	M\$ 0.0	M\$	M\$	M\$	M\$	M\$	M\$	M\$		M\$
12-31-2024	1 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
	1 1 1 1											
12-31-2024 12-31-2025	1 1 1 1 1	0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0 5	0.0 0.0
12-31-2024 12-31-2025 12-31-2026	1	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0 5 8	0.0 0.0 0.0
12-31-2024 12-31-2025 12-31-2026 12-31-2027	1 1 1 1 1 1 1 0 0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0 5 8 10	0.0 0.0 0.0 0.0
12-31-2024 12-31-2025 12-31-2026 12-31-2027 12-31-2028	1 1 1 1 1	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0 5 8 10 12 15 20	0.0 0.0 0.0 0.0 0.0 0.0
12-31-2024 12-31-2025 12-31-2026 12-31-2027 12-31-2028	1 1 1 1 1	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0 5 8 10 12 15 20 30	0.0 0.0 0.0 0.0 0.0 0.0 0.0
12-31-2024 12-31-2025 12-31-2026 12-31-2027 12-31-2028	1 1 1 1 1	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0 5 8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
12-31-2024 12-31-2025 12-31-2026 12-31-2027 12-31-2028	1 1 1 1 1	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0 5 8 10 12 15 20 30	0.0 0.0 0.0 0.0 0.0 0.0 0.0
12-31-2024 12-31-2025 12-31-2026 12-31-2027 12-31-2028	1 1 1 1 1	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0 5 8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
12-31-2024 12-31-2025 12-31-2026 12-31-2027 12-31-2028	1 1 1 1 1	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0 5 8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
12-31-2024 12-31-2025 12-31-2026 12-31-2027 12-31-2028	1 1 1 1 1	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0 5 8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
12-31-2024 12-31-2025 12-31-2026 12-31-2027 12-31-2028	1 1 1 1 1	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0 5 8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
12-31-2024 12-31-2025 12-31-2026 12-31-2027 12-31-2028 12-31-2029	1 1 1 1 1	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	0 5 8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
12-31-2024 12-31-2025 12-31-2026 12-31-2027 12-31-2028	1 1 1 1 1	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0 5 8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

0.0

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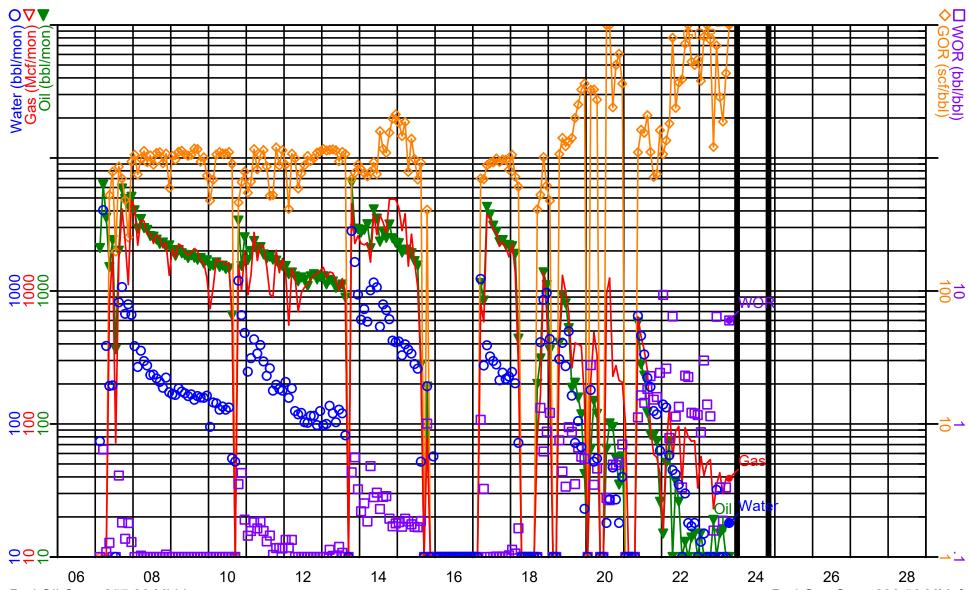
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Case Name: BRANDVIK 14-24H API Number: 33-025-00611 NDIC FILE No: 16460 Reservoir: MIDDLE BAKKEN Perfs: 11451-18037

CTB No: 116460



Proj Oil Cum: 257.88 Mbbl Oil Rem: 0.00 Mbbl

Oil EUR: 257.88 Mbbl

Proj Gas Cum: 238.50 MMcf Gas Rem: 0.00 MMcf Gas EUR: 238.50 MMcf

## 1/25/2024 12:00:00AM

GAS

MMCF

0.0

0.0

OIL

MBBL

0.0

0.0

GROSS RESERVES

NGL

MGAL

0.0

0.0

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST:

OIL

MBBL

0.0

0.0

PHDWIN ID: 231

PERIOD

**ENDING** 

M-D-Y

12-31-2024

12-31-2025

PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

0.0

0.0

OIL

\$/BBL

0.000

0.000

GAS

MMCF

AVERAGE PRICES

NGL

\$/GAL

0.000

0.000

GAS

\$/MCF

0.000

0.000

NET RESERVES

NGL

MGAL

0.0

0.0

BRANDVIK 14-24H NAME: FIELD: CORRAL CREEK RESERVOIR: MIDDLE BAKKEN COUNTY, STATE: DUNN, ND

OIL

M\$

0.0

0.0

OPERATOR: CONTINENTAL RESOURCES NGL

M\$

GROSS REVENUE

0.0

0.0

GAS

M\$

0.0

0.0

TOTAL

M\$

0.0

0.0

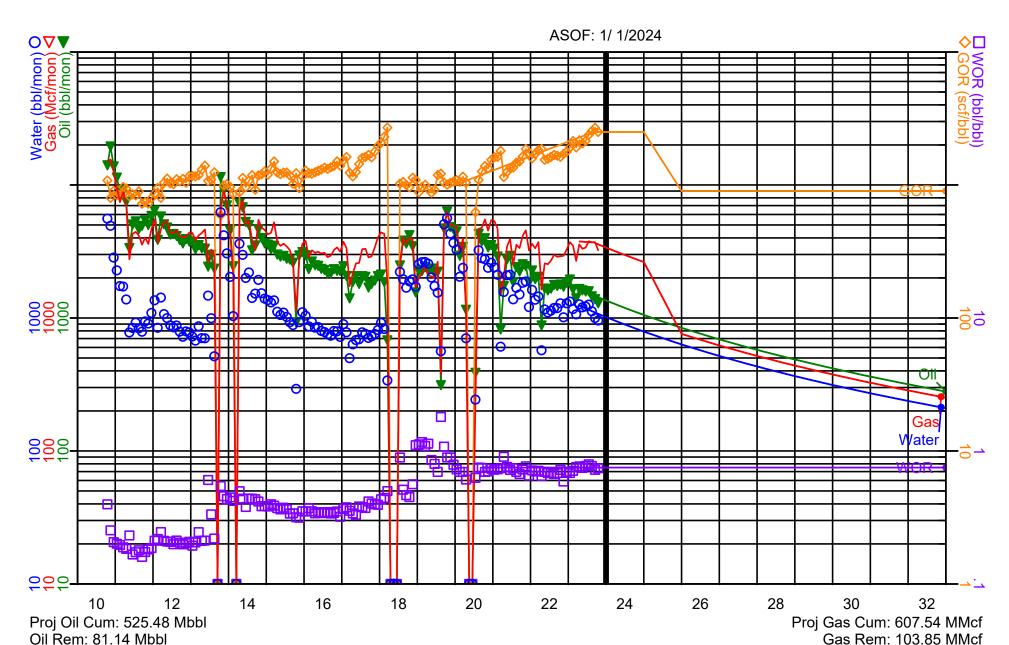
SUBTOTAL REMAINING TOTAL	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.000 0.000 0.000	0.000 0.000 0.000	0.000 0.000 0.000	0.0 0.0 0.0	0.0 0.0 0.0	0.0	0.0
CUM PROD	257.9 257.9	0.0	238.5										
ULTIMATE	257.9	0.0	238.5										
				NET DEDUCTIONS/I					E NET REVEN				
PERIOD ENDING	NUMBER OF AC COMPLETION		NET PROFITS	PROD AND ADV TAXES	CAPITAL COST	OPERATING EXPENSE	UNDISCO PERIOD	CUM		DISCOUNTED A RIOD	CUM	DISC RATE	ORTH PROFILE  CUM PW
M-D-Y		NET	M\$	M\$	M\$	M\$	M\$	M\$		И\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0	0.0
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	5	0.0
12-31-2025	0					0.0	0.0		0.0	0.0	0.0	8	0.0
12-31-2025	0					0.0	0.0		0.0	0.0	0.0		
12-31-2025	0					0.0	0.0		0.0	0.0	0.0	8 10 12	0.0 0.0 0.0
12-31-2025	0					0.0	0.0		0.0	0.0	0.0	8 10 12 15 20	0.0 0.0 0.0 0.0 0.0
12-31-2025	0					0.0	0.0		0.0	0.0	0.0	8 10 12 15 20 30	0.0 0.0 0.0 0.0 0.0 0.0
12-31-2025	0					0.0	0.0		0.0	0.0	0.0	8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0
12-31-2025	0					0.0	0.0		0.0	0.0	0.0	8 10 12 15 20 30	0.0 0.0 0.0 0.0 0.0 0.0
12-31-2025	0					0.0	0.0		0.0	0.0	0.0	8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0
12-31-2025	0					0.0	0.0		0.0	0.0	0.0	8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0
12-31-2025	0					0.0	0.0		0.0	0.0	0.0	8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0
	0		0.0	0.0	0.0							8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0
SUBTOTAL	0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0
			0.0	0.0	0.0							8 10 12 15 20 30 40	0.0 0.0 0.0 0.0 0.0 0.0 0.0

Case Name: BRANDVIK 2-25H API Number: 33-025-01125 NDIC FILE No: 19156

Oil EUR: 606.62 Mbbl

Reservoir: THREE FORKS 1 Perfs: 11479-21170

CTB No: 119156



Gas EUR: 711.39 MMcf

1/25/2024 12:00:00AM

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

PHDWIN ID: 220

NAME: BRANDVIK 2-25H
FIELD: CORRAL CREEK
RESERVOIR: THREE FORKS 1
COUNTY, STATE: DUNN, ND

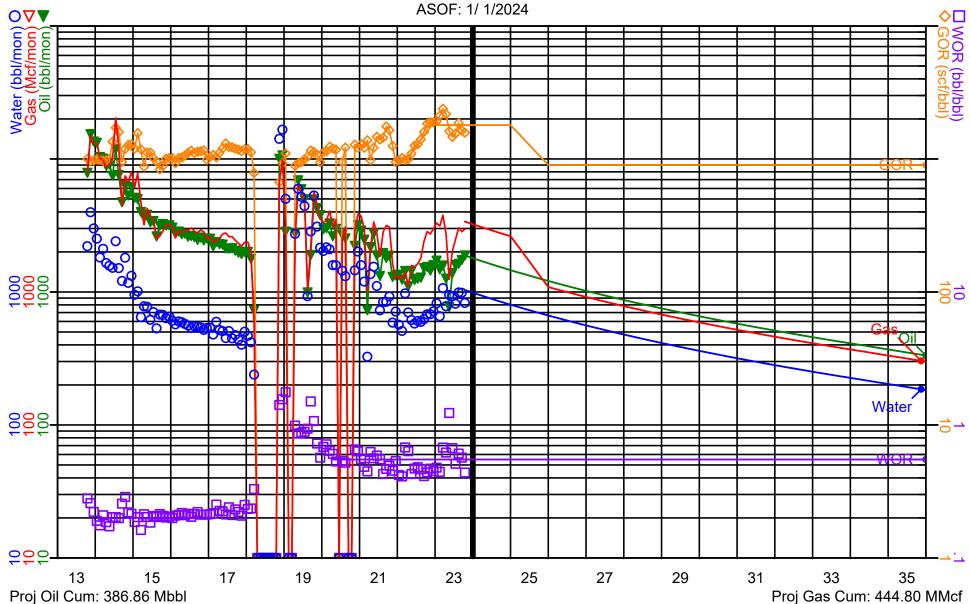
OPERATOR: CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	14.4	0.0	35.9	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	11.3	0.0	18.0	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	9.1	0.0	8.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	7.6	0.0	6.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	6.4	0.0	5.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	5.4	0.0	4.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	4.7	0.0	4.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	4.1	0.0	3.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	3.6	0.0	3.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2033	3.2	0.0	2.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2034	2.8	0.0	2.5	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2035	2.5	0.0	2.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2036	2.3	0.0	2.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2037	2.0	0.0	1.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2038	1.8	0.0	1.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	81.1	0.0	103.8	0.0	0.0	0.0	248.819	0.000	4.749	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	81.1	0.0	103.9	0.0	0.0	0.0	248.819	0.000	4.749	0.0	0.0	0.0	0.0
CUM PROD	525.5	0.0	607.5										
ULTIMATE	606.6	0.0	711.4										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	INTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
12-31-2033	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	0.0
12-31-2034	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2035	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2036	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2037	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2038	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 15.0 Y	RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: BRANDVIK 3-25H API Number: 33-025-01861 NDIC FILE No: 23784 Reservoir: MIDDLE BAKKEN Perfs: 11497-21621

CTB No: 223783



Oil Rem: 133.36 Mbbl Oil EUR: 520.21 Mbbl Proj Gas Cum: 444.80 MMcf Gas Rem: 144.09 MMcf Gas EUR: 588.89 MMcf 1/25/2024 12:00:00AM

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

PHDWIN ID: 221

NAME: BRANDVIK 3-25H
FIELD: CORRAL CREEK
RESERVOIR: MIDDLE BAKKEN
COUNTY, STATE: DUNN, ND

OPERATOR:

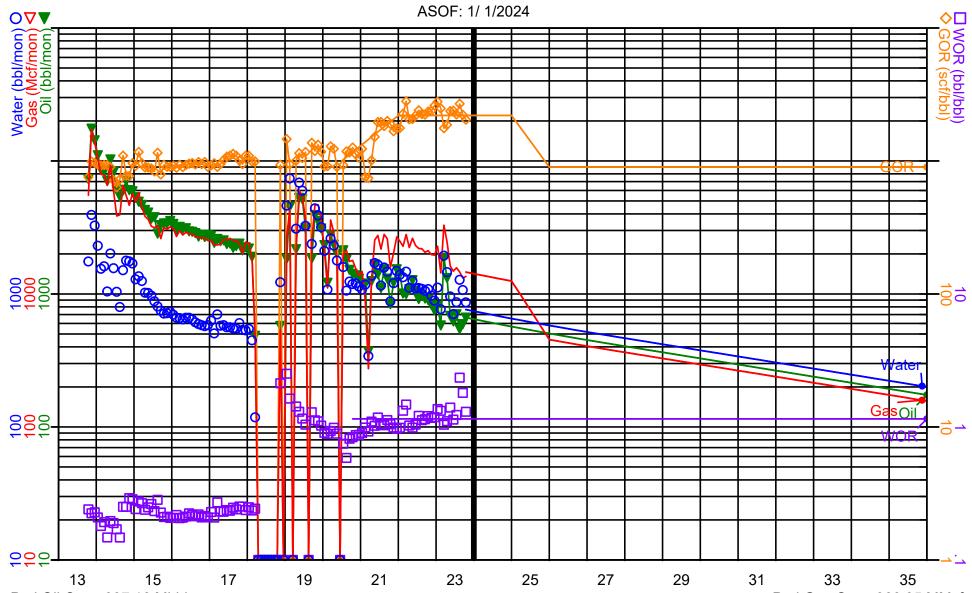
: DUNN, ND CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	19.4	0.0	35.0	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	15.9	0.0	20.9	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	13.3	0.0	12.0	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2027	11.3	0.0	10.2	0.0	0.0	0.0	78.670	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	9.7	0.0	8.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	8.4	0.0	7.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	7.4	0.0	6.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	6.5	0.0	5.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	5.8	0.0	5.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2033	5.2	0.0	4.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2034	4.7	0.0	4.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2035	4.2	0.0	3.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2036	3.8	0.0	3.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2037	3.4	0.0	3.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2038	3.1	0.0	2.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	122.1	0.0	134.0	0.0	0.0	0.0	160.273	0.000	5.384	0.0	0.0	0.0	0.0
REMAINING	11.2	0.0	10.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	133.4	0.0	144.1	0.0	0.0	0.0	174.987	0.000	5.384	0.0	0.0	0.0	0.0
CUM PROD	386.9	0.0	444.8										
ULTIMATE	520.2	0.0	588.9										

		_		NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	NTED	DISCOUNTED	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
12-31-2033	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	0.0
12-31-2034	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2035	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2036	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2037	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2038	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 19.9 Y	/RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: BRANDVIK 4-25H1 API Number: 33-025-01860 NDIC FILE No: 23783 Reservoir: THREE FORKS 1 Perfs: 11461-21543

CTB No: 223783



Proj Oil Cum: 337.16 Mbbl Oil Rem: 53.58 Mbbl Oil EUR: 390.74 Mbbl Proj Gas Cum: 360.05 MMcf Gas Rem: 61.33 MMcf Gas EUR: 421.38 MMcf

1/25/2024 12:00:00AM

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

PHDWIN ID: 222

NAME: BRANDVIK 4-25H1
FIELD: CORRAL CREEK
RESERVOIR: THREE FORKS 1
COUNTY, STATE: DUNN, ND

OPERATOR: CONTINENTAL RESOURCES

PERIOD	GROSS RESERVES OIL NGL GAS			1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	7.3	0.0	16.0	0.0	0.0	0.0	0.000	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	6.4	0.0	9.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	5.7	0.0	5.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	5.1	0.0	4.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	4.6	0.0	4.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	4.1	0.0	3.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	3.7	0.0	3.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	3.4	0.0	3.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	3.0	0.0	2.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2033	2.7	0.0	2.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2034	2.4	0.0	2.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2035	2.2	0.0	2.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2036	2.0	0.0	1.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2037	0.8	0.0	0.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2038	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	53.6	0.0	61.3	0.0	0.0	0.0	0.000	0.000	7.874	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	53.6	0.0	61.3	0.0	0.0	0.0	0.000	0.000	7.874	0.0	0.0	0.0	0.0
CUM PROD	337.2	0.0	360.1										
ULTIMATE	390.7	0.0	421.4										

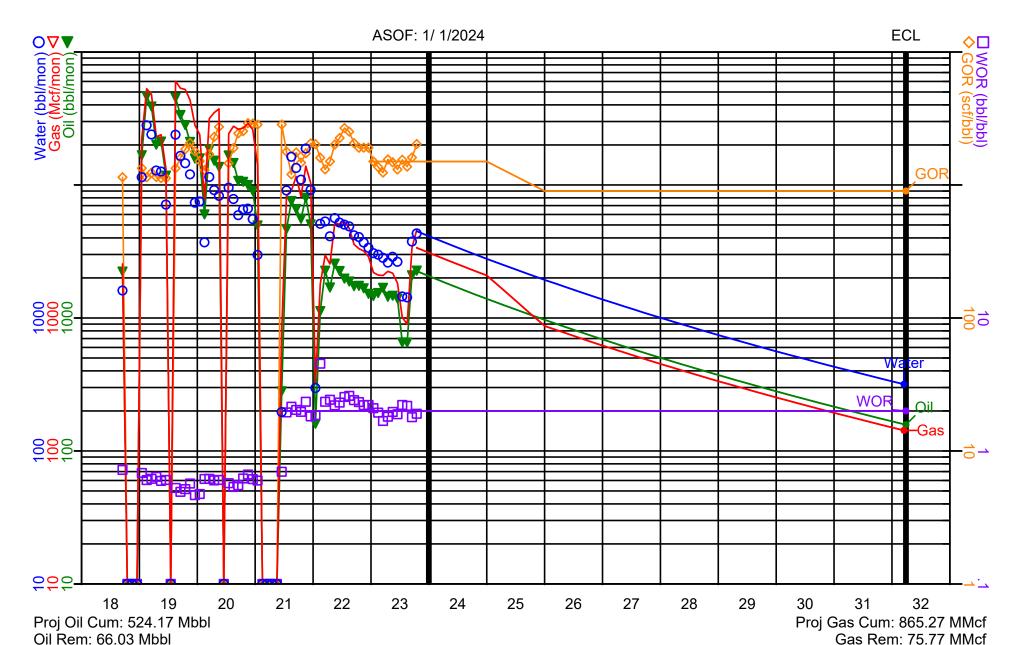
		_		NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	NTED	DISCOUNTED	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
12-31-2033	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	0.0
12-31-2034	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2035	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2036	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2037	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2038	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 13.5 Y	/RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: BRANDVIK 5-25H1 API Number: 33-025-02805 NDIC FILE No: 30365

Oil EUR: 590.20 Mbbl

Reservoir: THREE FORKS 1 Perfs: 11786-21786

CTB No: 223783



E198

Gas EUR: 941.05 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST : 0.000000

PHDWIN ID: 223

1/25/2024 12:00:00AM

BRANDVIK 5-25H1 NAME: CORRAL CREEK FIELD: RESERVOIR: THREE FORKS 1 DUNN, ND CONTINENTAL RESOURCES COUNTY, STATE:

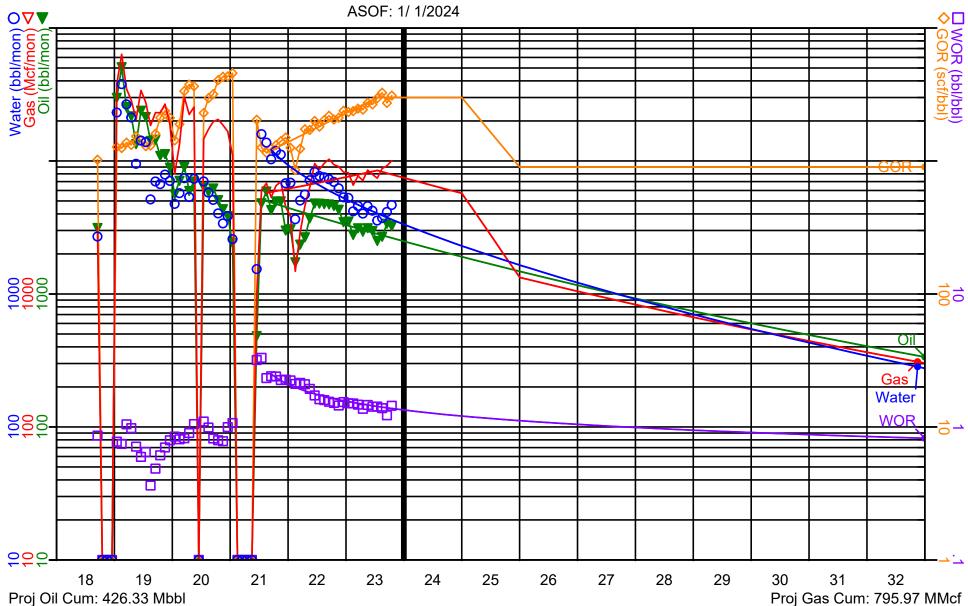
OPERATOR:

PERIOD	GROSS RESERVES			1	NET RESERVES		AV	VERAGE PRICES	<u> </u>		GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	20.4	0.0	30.7	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	13.9	0.0	16.6	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	9.8	0.0	8.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	7.1	0.0	6.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	5.2	0.0	4.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	3.9	0.0	3.5	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	2.9	0.0	2.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	2.3	0.0	2.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	0.5	0.0	0.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2033	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	66.0	0.0	75.8	0.0	0.0	0.0	151.076	0.000	4.160	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	66.0	0.0	75.8	0.0	0.0	0.0	151.076	0.000	4.160	0.0	0.0	0.0	0.0
CUM PROD	524.2	0.0	865.3										
ULTIMATE	590.2	0.0	941.0										

		_		NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WC	RTH PROFILE
ENDING	COMPLET	ΓIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
12-31-2033	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	0.0
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 8.2 Y	RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: BRANDVIK 6-25H API Number: 33-025-02806 NDIC FILE No: 30366 Reservoir: MIDDLE BAKKEN Perfs: 11589-21700

CTB No: 223783



Oil Rem: 122.30 Mbbl Oil EUR: 548.63 Mbbl Proj Gas Cum: 795.97 MMcf Gas Rem: 183.07 MMcf Gas EUR: 979.04 MMcf 1/25/2024 12:00:00AM

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

PHDWIN ID: 224

BRANDVIK 6-25H CORRAL CREEK MIDDLE BAKKEN

RESERVOIR : COUNTY, STATE : OPERATOR :

NAME:

FIELD:

DUNN, ND

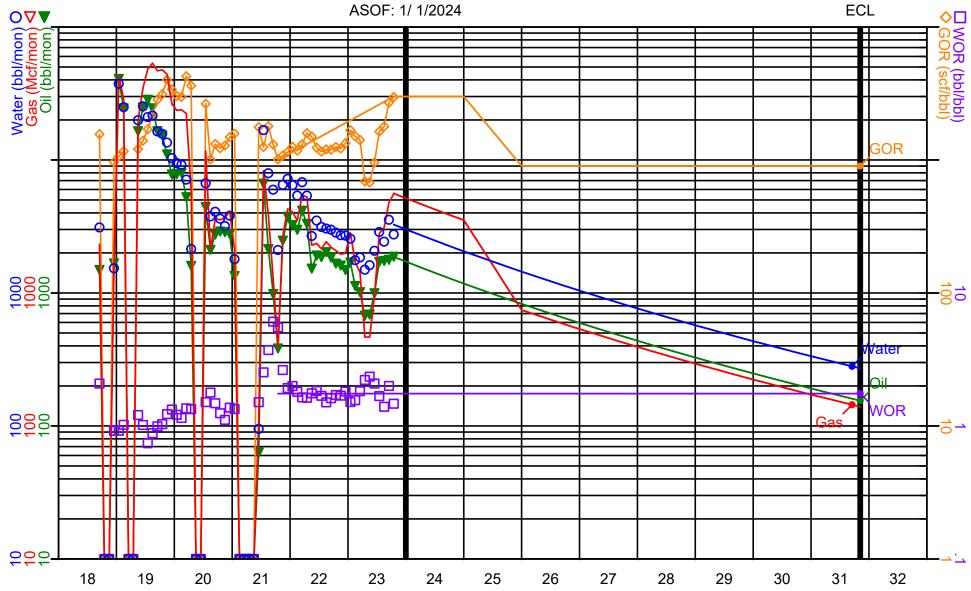
CONTINENTAL RESOURCES

PERIOD	GROSS RESERVES OIL NGL GAS			1	NET RESERVES		A	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	26.2	0.0	78.7	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	20.2	0.0	36.1	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	15.8	0.0	14.2	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2027	12.5	0.0	11.2	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2028	10.0	0.0	9.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	8.0	0.0	7.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	6.5	0.0	5.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	5.4	0.0	4.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	4.4	0.0	4.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2033	3.7	0.0	3.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2034	3.1	0.0	2.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2035	2.6	0.0	2.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2036	2.2	0.0	2.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2037	1.8	0.0	1.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2038	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	122.3	0.0	183.1	0.0	0.0	0.0	128.956	0.000	3.574	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	122.3	0.0	183.1	0.0	0.0	0.0	128.956	0.000	3.574	0.0	0.0	0.0	0.0
CUM PROD	426.3	0.0	796.0										
ULTIMATE	548.6	0.0	979.0										

		_		NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	NTED	DISCOUNTED	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
12-31-2033	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	0.0
12-31-2034	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2035	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2036	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2037	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2038	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 14.0 Y	/RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: BRANDVIK 7-25H2 API Number: 33-025-02807 NDIC FILE No: 30367 Reservoir: THREE FORKS 2 Perfs: 11648-21871

CTB No: 223783



Proj Oil Cum: 315.42 Mbbl Oil Rem: 55.90 Mbbl Oil EUR: 371.31 Mbbl Proj Gas Cum: 594.31 MMcf Gas Rem: 97.05 MMcf Gas EUR: 691.36 MMcf

# PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST :

PHDWIN ID: 225

1/25/2024 12:00:00AM

AS OF JANUARY 1, 2024

BRANDVIK 7-25H2 NAME: CORRAL CREEK FIELD: RESERVOIR: THREE FORKS 2 DUNN, ND CONTINENTAL RESOURCES COUNTY, STATE:

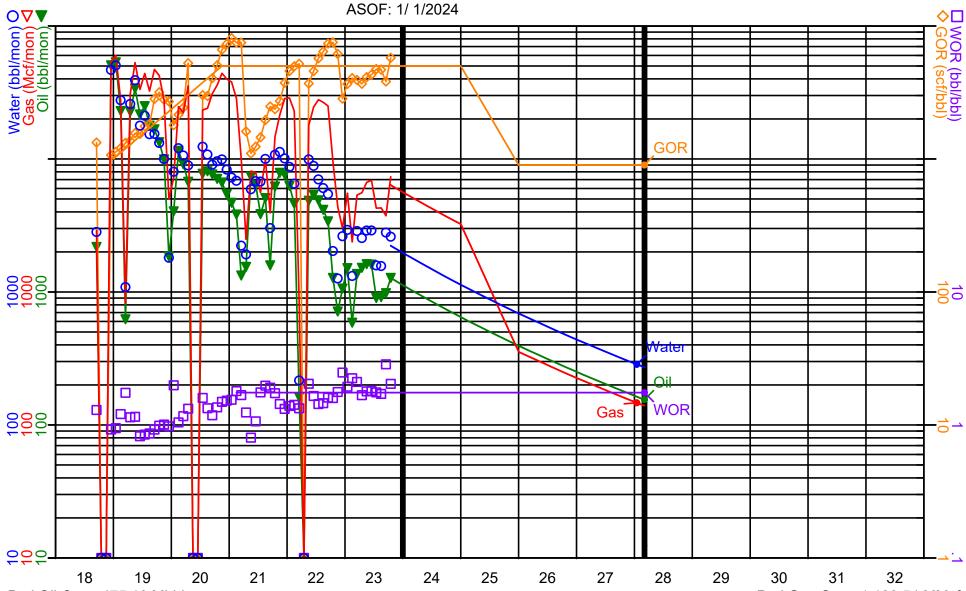
OPERATOR:

PERIOD	GROSS RESERVES			1	NET RESERVES		AV	VERAGE PRICES	<u> </u>		GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	17.1	0.0	51.4	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	11.9	0.0	21.4	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	8.4	0.0	7.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	6.1	0.0	5.5	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	4.6	0.0	4.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	3.4	0.0	3.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	2.6	0.0	2.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	1.7	0.0	1.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	55.9	0.0	97.0	0.0	0.0	0.0	151.625	0.000	3.621	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	55.9	0.0	97.0	0.0	0.0	0.0	151.625	0.000	3.621	0.0	0.0	0.0	0.0
CUM PROD	315.4	0.0	594.3										
ULTIMATE	371.3	0.0	691.4										

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	ΓIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
											50	0.0
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 7.8 YI	RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: BRANDVIK 8-25H1 API Number: 33-025-03185 NDIC FILE No: 32814 Reservoir: THREE FORKS 1 Perfs: 11604-22429

CTB No: 223783



Proj Oil Cum: 475.10 Mbbl Oil Rem: 22.99 Mbbl Oil EUR: 498.10 Mbbl Proj Gas Cum: 1,183.54 MMcf Gas Rem: 73.13 MMcf Gas EUR: 1,256.67 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

PHDWIN ID: 226

1/25/2024 12:00:00AM

NAME: BRANDVIK 8-25H1
FIELD: CORRAL CREEK
RESERVOIR: THREE FORKS 1
COUNTY, STATE: DUNN, ND

OPERATOR:

: CONTINENTAL RESOURCES

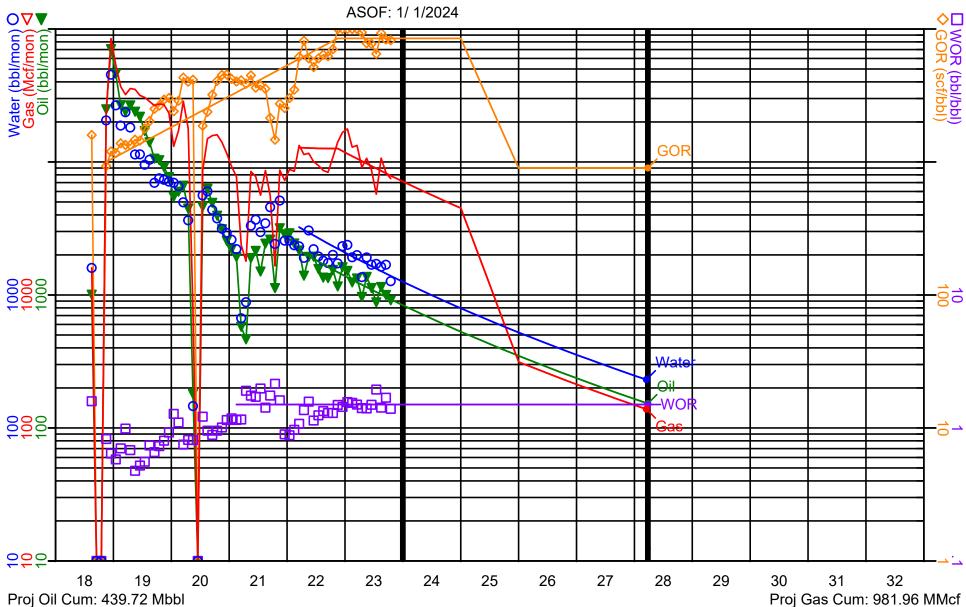
PERIOD				N	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	10.3	0.0	51.7	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	6.1	0.0	15.6	0.0	0.0	0.0	0.000	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	3.8	0.0	3.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	2.5	0.0	2.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	0.3	0.0	0.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	23.0	0.0	73.1	0.0	0.0	0.0	175.075	0.000	2.929	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	23.0	0.0	73.1	0.0	0.0	0.0	175.075	0.000	2.929	0.0	0.0	0.0	0.0
CUM PROD	475.1	0.0	1,183.5										
ULTIMATE	498.1	0.0	1,256.7										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	F ACTIVE .	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
											20	0.0
											30	0.0
											40	0.0
											50	0.0

SUBTOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL OF 4.2 YRS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Case Name: BRANDVIK 9-25H API Number: 33-025-03186 NDIC FILE No: 32815 Reservoir: MIDDLE BAKKEN Perfs: 11538-22302

CTB No: 223783



Oil Rem: 19.48 Mbbl Oil EUR: 459.20 Mbbl Proj Gas Cum: 981.96 MMcf Gas Rem: 92.84 MMcf Gas EUR: 1,074.79 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

All estimates and exhibits are part of this report and subject to its parameters and conditions.

PHDWIN ID: 227

1/25/2024 12:00:00AM

NAME:
FIELD:
RESERVOIR:
COUNTY, STATE:

BRANDVIK 9-25H CORRAL CREEK MIDDLE BAKKEN DUNN, ND

OPERATOR: CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES			NET RESERVES		A	VERAGE PRICES		GROSS REVENUE			
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	8.0	0.0	68.4	0.0	0.0	0.0	0.000	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	5.2	0.0	18.8	0.0	0.0	0.0	0.000	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	3.5	0.0	3.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	2.4	0.0	2.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	0.4	0.0	0.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	19.5	0.0	92.8	0.0	0.0	0.0	0.000	0.000	2.929	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	19.5	0.0	92.8	0.0	0.0	0.0	0.000	0.000	2.929	0.0	0.0	0.0	0.0
CUM PROD	439.7	0.0	982.0										
ULTIMATE	459.2	0.0	1,074.8										

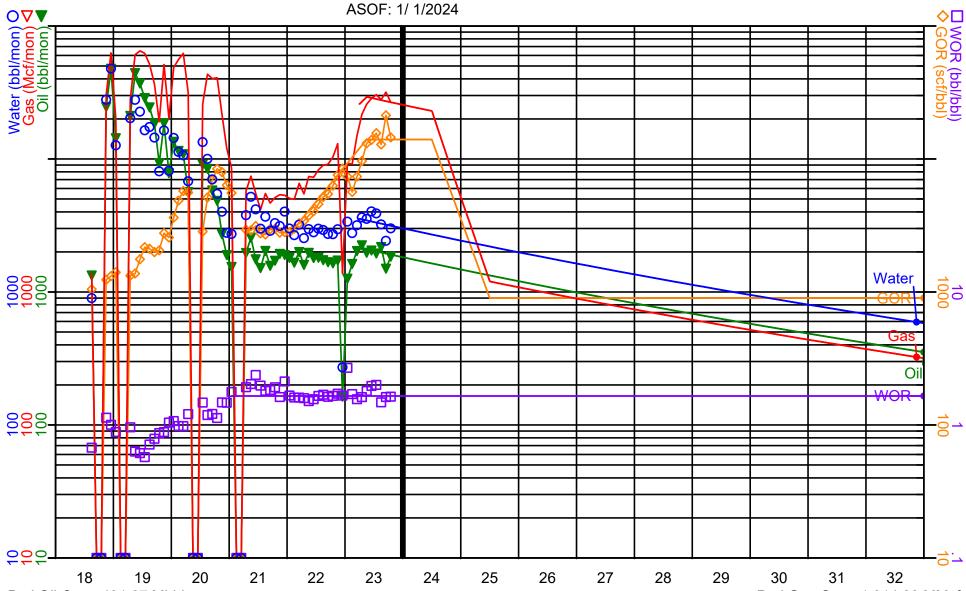
		_		NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.
12-31-2029	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.
											20	0.
											30	0.
											40	0.
											50	0.
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 4.2 YR	S		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: BRANDVIK 10-25H2 API Number: 33-025-03187

NDIC FILE No: 32816

Reservoir: THREE FORKS 2 Perfs: 11647-22542

CTB No: 223783



Proj Oil Cum: 431.67 Mbbl Oil Rem: 109.09 Mbbl Oil EUR: 540.76 Mbbl Proj Gas Cum: 1,314.60 MMcf Gas Rem: 305.91 MMcf Gas EUR: 1,620.50 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.000000 INITIAL REVENUE INTEREST :

PHDWIN ID: 228

BRANDVIK 10-25H2 NAME: CORRAL CREEK FIELD: RESERVOIR: THREE FORKS 2 DUNN, ND CONTINENTAL RESOURCES COUNTY, STATE:

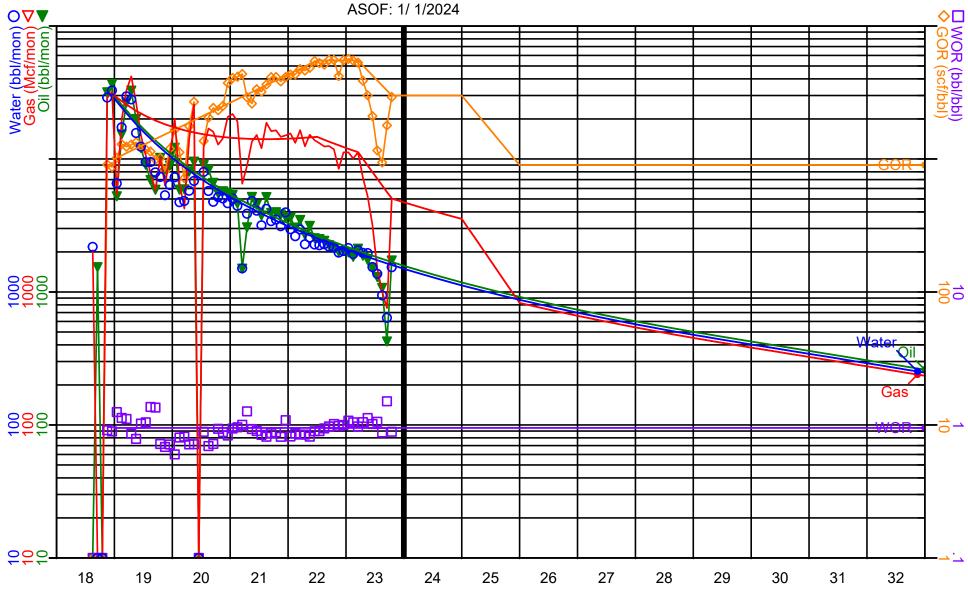
OPERATOR:

PERIOD	G	ROSS RESERVES		NET RESERVES			AVERAGE PRICES			GROSS REVENUE			
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	19.7	0.0	216.8	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	16.0	0.0	23.1	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	13.1	0.0	11.8	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2027	10.8	0.0	9.7	0.0	0.0	0.0	78.670	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	9.0	0.0	8.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	7.5	0.0	6.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	6.4	0.0	5.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	5.4	0.0	4.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	4.6	0.0	4.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2033	3.9	0.0	3.5	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2034	3.4	0.0	3.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2035	2.9	0.0	2.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2036	2.5	0.0	2.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2037	2.2	0.0	2.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2038	1.6	0.0	1.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	109.1	0.0	305.9	0.0	0.0	0.0	143.810	0.000	3.387	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	109.1	0.0	305.9	0.0	0.0	0.0	143.810	0.000	3.387	0.0	0.0	0.0	0.0
CUM PROD	431.7	0.0	1,314.6										
ULTIMATE	540.8	0.0	1,620.5										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET				
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	INTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
12-31-2033	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	0.0
12-31-2034	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2035	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2036	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2037	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2038	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 14.8 Y	/RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: BRANDVIK 11-25H API Number: 33-025-03188 NDIC FILE No: 32817 Reservoir: MIDDLE BAKKEN Perfs: 11535-22275

CTB No: 223783



Proj Oil Cum: 411.80 Mbbl Oil Rem: 79.26 Mbbl Oil EUR: 491.05 Mbbl Proj Gas Cum: 820.01 MMcf Gas Rem: 116.82 MMcf Gas EUR: 936.83 MMcf 1/25/2024 12:00:00AM

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

PHDWIN ID: 229

NAME: BRANDVIK 11-25H FIELD: CORRAL CREEK RESERVOIR: MIDDLE BAKKEN COUNTY, STATE: DUNN, ND

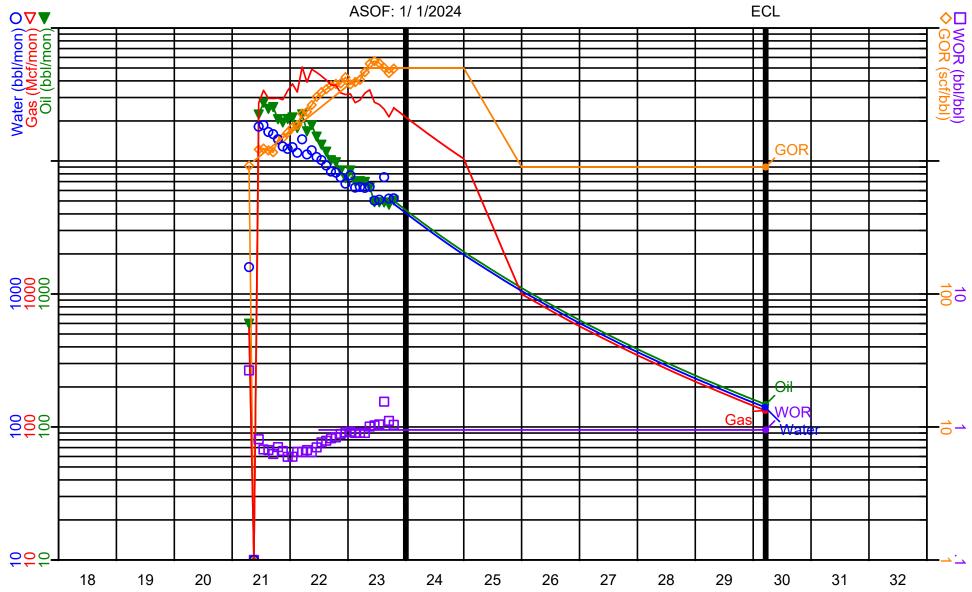
OPERATOR: CONTINENTAL RESOURCES

PERIOD	G	GROSS RESERVES OIL NGL GAS			NET RESERVES		AV	VERAGE PRICES		GROSS REVENUE			
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	16.4	0.0	49.1	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	12.5	0.0	22.3	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	9.9	0.0	8.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	8.0	0.0	7.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	6.6	0.0	5.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	5.5	0.0	5.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	4.7	0.0	4.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	4.0	0.0	3.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	3.4	0.0	3.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2033	2.9	0.0	2.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2034	2.5	0.0	2.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2035	2.1	0.0	1.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2036	0.9	0.0	0.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2037	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	79.3	0.0	116.8	0.0	0.0	0.0	215.995	0.000	4.208	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	79.3	0.0	116.8	0.0	0.0	0.0	215.995	0.000	4.208	0.0	0.0	0.0	0.0
CUM PROD	411.8	0.0	820.0										
ULTIMATE	491.1	0.0	936.8										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET				
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTED	AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
12-31-2033	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	0.0
12-31-2034	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2035	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2036	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2037	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 12.5 Y	RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: BRANDVIK 12-25H API Number: 33-025-04067 NDIC FILE No: 37780 Reservoir: MIDDLE BAKKEN Perfs: 11501-22185

CTB No: 223783



Proj Oil Cum: 403.15 Mbbl Oil Rem: 77.17 Mbbl Oil EUR: 480.32 Mbbl Proj Gas Cum: 1,017.21 MMcf Gas Rem: 249.20 MMcf Gas EUR: 1,266.41 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.000000 INITIAL REVENUE INTEREST: 0.000000

PHDWIN ID: 230

SUBTOTAL

REMAINING

TOTAL OF 6.2 YRS

1/25/2024 12:00:00AM

NAME: FIELD: RESERVOIR: BRANDVIK 12-25H CORRAL CREEK MIDDLE BAKKEN DUNN, ND

COUNTY, STATE: OPERATOR:

CONTINENTAL RESOURCES

PERIOD	GROSS RESERVES OIL NGL GAS			NET RESERVES OIL NCL GAS				AVERAGE PRICES			GROSS REVENUE			
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL	
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$	
12-31-2024	36.2	0.0	181.1	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0	
12-31-2025	18.4	0.0	47.7	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0	
12-31-2026	10.1	0.0	9.1	0.0	0.0	0.0	78.670	0.000	0.000	0.0	0.0	0.0	0.0	
12-31-2027	6.0	0.0	5.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0	
12-31-2028	3.7	0.0	3.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0	
12-31-2029	2.4	0.0	2.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0	
12-31-2030	0.4	0.0	0.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0	
12-31-2031	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0	
SUBTOTAL	77.2	0.0	249.2	0.0	0.0	0.0	93.780	0.000	3.115	0.0	0.0	0.0	0.0	
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0	
TOTAL	77.2	0.0	249.2	0.0	0.0	0.0	93.780	0.000	3.115	0.0	0.0	0.0	0.0	
CUM PROD	403.1	0.0	1,017.2											
ULTIMATE	480.3	0.0	1,266.4											

	-								PRESENT WORTH PROFILE		
					-	UNDISCOU	INTED	DISCOUNTEI	AT 10%		RTH PROFILE
COMPLET						PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
										40	0.0
										50	0.0
	COMPLET GROSS  1 1 1 1 1 1 1 1 1 1 1	1 0.0 1 0.0 1 0.0 1 0.0 1 0.0 1 0.0 1 0.0	COMPLETIONS         PROFITS           GROSS         NET         MS           1         0.0         0.0           1         0.0         0.0           1         0.0         0.0           1         0.0         0.0           1         0.0         0.0           1         0.0         0.0           1         0.0         0.0           1         0.0         0.0           1         0.0         0.0	NUMBER OF ACTIVE COMPLETIONS	NUMBER OF ACTIVE COMPLETIONS	NUMBER OF ACTIVE COMPLETIONS   NET PROFITS ADV TAXES COST EXPENSE M\$ M\$ M\$ M\$ M\$ M\$ M\$    1   0.0   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0     1   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0	NUMBER OF ACTIVE COMPLETIONS   NET PROD AND ADV TAXES COST EXPENSE PERIOD MS   MS   MS   MS   MS   MS   MS   MS	NUMBER OF ACTIVE COMPLETIONS   NET PROFITS ADV TAXES COST EXPENSE PERIOD CUM MS	NUMBER   SACTIVE COMPLETIONS   NET PROD AND ADVIAXES COST EXPENSE PERIOD CUM PERIOD MS M\$	NUMBER of LIVE COMPLETION         NET PROFITS ADV TAXES COST EXPENSE PERIOD CUM MS         UNDISCOUNTED CUM PERIOD CUM PERIOD CUM MS         DISCOUNTED TOWN           GROSS         NET NSS         MS         MS	NUMBER OF ACTIVE COMPLETIONS   NET PROFITS   ADV TAXES   COST   EXPENSE   PERIOD   CUM MS   MS   MS   MS   MS   MS   MS   MS

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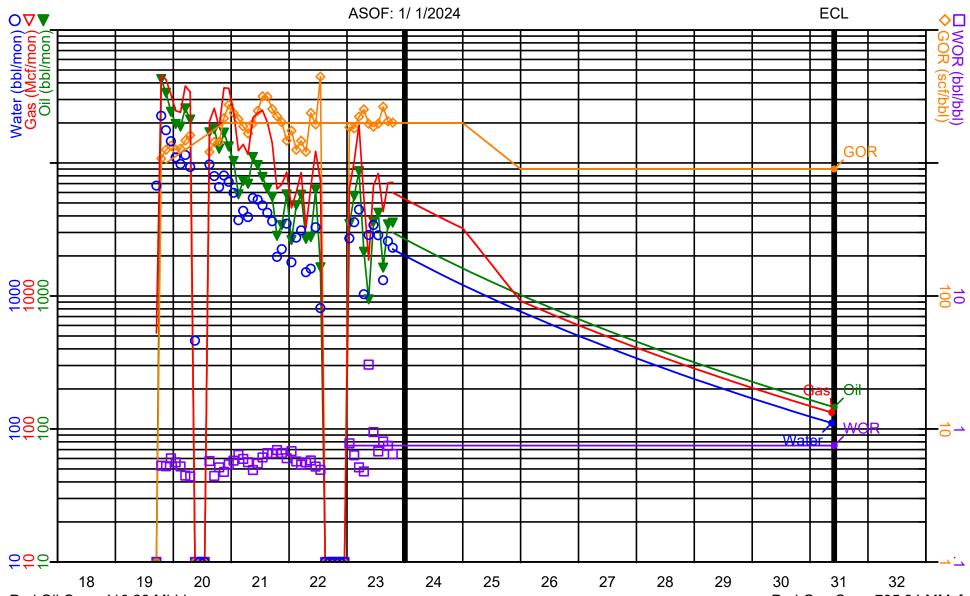
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Case Name: MERIWETHER 1A MBH-ULW

API Number: 33-025-03568 NDIC FILE No: 35295

Reservoir: MIDDLE BAKKEN Perfs: 11708-21945

CTB No: 235294



Proj Oil Cum: 416.28 Mbbl Oil Rem: 68.00 Mbbl

Oil EUR: 484.28 Mbbl

Proj Gas Cum: 705.84 MMcf Gas Rem: 96.85 MMcf Gas EUR: 802.69 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST : 0.000000

PHDWIN ID: 232

1/25/2024 12:00:00AM

NAME: FIELD:

MERIWETHER 1A MBH-ULW

CORRAL CREEK RESERVOIR: MIDDLE BAKKEN COUNTY, STATE:

DUNN, ND BURLINGTON RESOURCES OPERATOR:

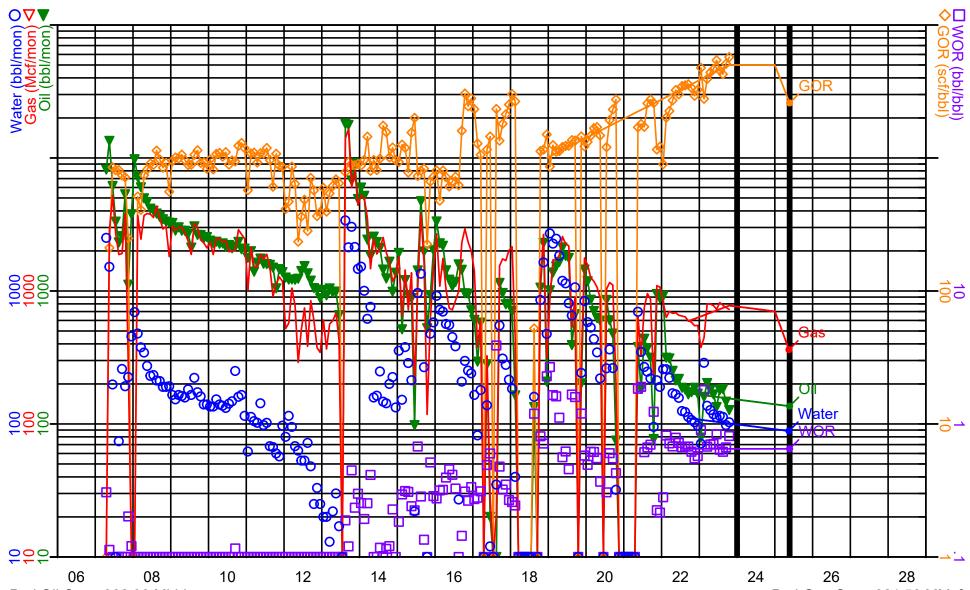
PERIOD	GROSS RESERVES OIL NGL GAS			1	NET RESERVES		AVERAGE PRICES			GROSS REVENUE			
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	25.1	0.0	50.2	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	15.4	0.0	21.9	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	9.9	0.0	8.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	6.6	0.0	6.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	4.6	0.0	4.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	3.2	0.0	2.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	2.3	0.0	2.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	0.8	0.0	0.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	68.0	0.0	96.9	0.0	0.0	0.0	131.910	0.000	3.701	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	68.0	0.0	96.9	0.0	0.0	0.0	131.910	0.000	3.701	0.0	0.0	0.0	0.0
CUM PROD	416.3	0.0	705.8										
ULTIMATE	484.3	0.0	802.7										

				NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET				
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	<u>%</u>	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
											50	0.0
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 7.4 YI	RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: STATE WEYDAHL 44-36H

API Number: 33-025-00614 NDIC FILE No: 16510 Reservoir: MIDDLE BAKKEN Perfs: 11322-17740

CTB No: 116510



Proj Oil Cum: 362.98 Mbbl Oil Rem: 2.40 Mbbl

Oil EUR: 365.38 Mbbl

Proj Gas Cum: 321.58 MMcf Gas Rem: 11.13 MMcf Gas EUR: 332.71 MMcf

#### 1/25/2024 12:00:00AM PROJECTION OF RESERVES AND REVENUE

OIL

MBBL

0.0

0.0

0.0

NET RESERVES

NGL

MGAL

0.0

0.0

0.0

AS OF JANUARY 1, 2024

0.0

0.0

0.0

OIL

\$/BBL

0.000

0.000

0.000

GAS

MMCF

AVERAGE PRICES

NGL

\$/GAL

0.000

0.000

0.000

GAS

\$/MCF

0.000

0.000

0.000

ANDRESS SANDEFER ET AL CURRENT INTEREST

GROSS RESERVES

NGL

MGAL

All estimates and exhibits are part of this report and subject to its parameters and conditions.

0.0

0.0

0.0

GAS

MMCF

8.8

2.3

0.0

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST:

OIL

MBBL

1.8

0.6

0.0

PHDWIN ID: 233

PERIOD

**ENDING** 

M-D-Y

12-31-2024

12-31-2025

12-31-2026

NAME: FIELD: RESERVOIR:

OIL

M\$

STATE WEYDAHL 44-36H

CORRAL CREEK MIDDLE BAKKEN DUNN, ND

0.0

0.0

0.0

NGL

M\$

COUNTY, STATE:

OPERATOR:

0.0

0.0

0.0

CONTINENTAL RESOURCES GROSS REVENUE

GAS

M\$

0.0

0.0

0.0

TOTAL

M\$

0.0

0.0

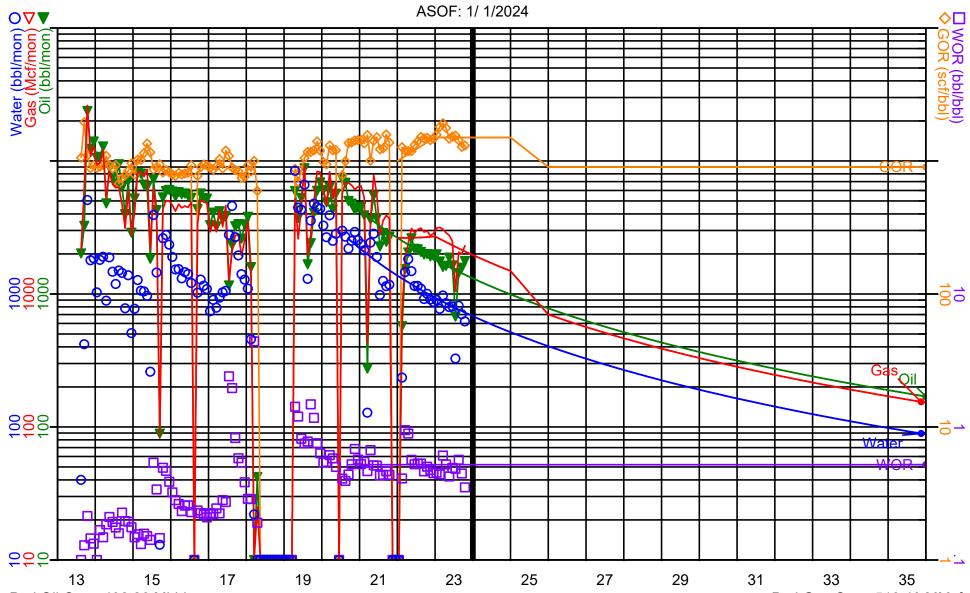
0.0

SUBTOTAL REMAINING TOTAL	2.4 0.0 2.4		0.0 0.0 0.0	11.1 0.0 11.1	0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.000 0.000 0.000	0.000 0.000 0.000	0.000	0.0	0.0	.0 0.0 .0 0.0 .0 0.0
CUM PROD	363.0		0.0	321.6									
ULTIMATE	365.4		0.0	332.7									
					NET DEDUCTIONS	EXPENDITURES			FUTURE N	IET REVENUE			
PERIOD	NUMBER OF A	ACTIVE		NET	PROD AND	CAPITAL	OPERATING	UNDISC		DISCOUNT	ED AT 10%	PRESENT W	ORTH PROFILE
ENDING	COMPLETI		PF	ROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET		M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0		0.0	0.0	0.0	0.0	0.0	0.0		0.0	0	0.0
12-31-2025	1	0.0		0.0	0.0	0.0	0.0	0.0	0.0		0.0	5	0.0
12-31-2026	0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
												10	0.0
												12	0.0
												15	0.0
												20	0.0
												30 40	0.0 0.0
												50	0.0
												30	0.0
GLIDTOTA I				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
SUBTOTAL REMAINING				0.0	0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0		0.0 0.0		
TOTAL OF 1.4 Y	DC			0.0	0.0 0.0	0.0	0.0	0.0	0.0		0.0		
TOTAL OF 1.4 T	KB			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: STATE WEYDAHL 2-36H

API Number: 33-025-01863 NDIC FILE No: 23786 Reservoir: MIDDLE BAKKEN Perfs: 11905-21558

CTB No: 223783



Proj Oil Cum: 492.26 Mbbl Oil Rem: 70.70 Mbbl

Oil EUR: 562.96 Mbbl

Proj Gas Cum: 510.40 MMcf Gas Rem: 74.87 MMcf

Gas EUR: 585.26 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

PHDWIN ID: 234

NAME : STATE WEYDAHL 2-36H
FIELD : CORRAL CREEK
RESERVOIR : MIDDLE BAKKEN
COUNTY, STATE : DUNN, ND

OPERATOR:

R: CONTINENTAL RESOURCES

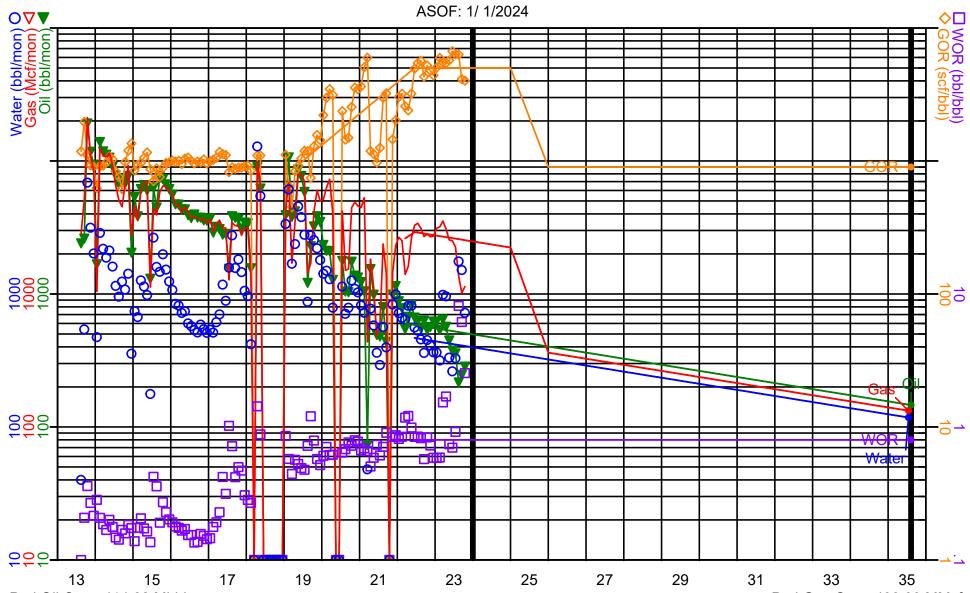
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	13.7	0.0	20.5	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	10.5	0.0	12.5	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	8.4	0.0	7.5	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	6.8	0.0	6.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	5.7	0.0	5.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	4.8	0.0	4.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	4.1	0.0	3.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	3.5	0.0	3.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	3.1	0.0	2.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2033	2.7	0.0	2.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2034	2.4	0.0	2.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2035	2.1	0.0	1.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2036	1.9	0.0	1.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2037	1.0	0.0	0.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2038	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	70.7	0.0	74.9	0.0	0.0	0.0	229.528	0.000	5.298	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	70.7	0.0	74.9	0.0	0.0	0.0	229.528	0.000	5.298	0.0	0.0	0.0	0.0
CUM PROD	492.3	0.0	510.4										
ULTIMATE	563.0	0.0	585.3										

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	INTED	DISCOUNTED	AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
12-31-2033	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	0.0
12-31-2034	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2035	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2036	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2037	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2038	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 13.6 Y	RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: STATE WEYDAHL 3-36H1

API Number: 33-025-01862 NDIC FILE No: 23785 Reservoir: THREE FORKS 1 Perfs: 11494-21088

CTB No: 223783



Proj Oil Cum: 414.62 Mbbl Oil Rem: 39.89 Mbbl

Oil EUR: 454.52 Mbbl

Proj Gas Cum: 493.03 MMcf Gas Rem: 66.89 MMcf Gas EUR: 559.92 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST :

PHDWIN ID: 235

AS OF JANUARY 1, 2024

STATE WEYDAHL 3-36H1 NAME: CORRAL CREEK FIELD: RESERVOIR: THREE FORKS 1 DUNN, ND

COUNTY, STATE:

CONTINENTAL RESOURCES OPERATOR:

PERIOD	G	ROSS RESERVES			NET RESERVES		A	VERAGE PRICES			GROSS RE	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	5.7	0.0	28.3	0.0	0.0	0.0	0.000	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	5.1	0.0	12.3	0.0	0.0	0.0	0.000	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	4.6	0.0	4.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	4.1	0.0	3.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	3.7	0.0	3.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	3.3	0.0	3.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	3.0	0.0	2.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	2.7	0.0	2.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	2.4	0.0	2.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2033	2.2	0.0	2.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2034	2.0	0.0	1.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2035	1.1	0.0	1.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2036	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	39.9	0.0	66.9	0.0	0.0	0.0	0.000	0.000	3.493	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	39.9	0.0	66.9	0.0	0.0	0.0	0.000	0.000	3.493	0.0	0.0	0.0	0.0
CUM PROD	414.6	0.0	493.0										
ULTIMATE	454.5	0.0	559.9										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	FACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
12-31-2033	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	0.0
12-31-2034	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2035	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2036	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 11.6 Y	'RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

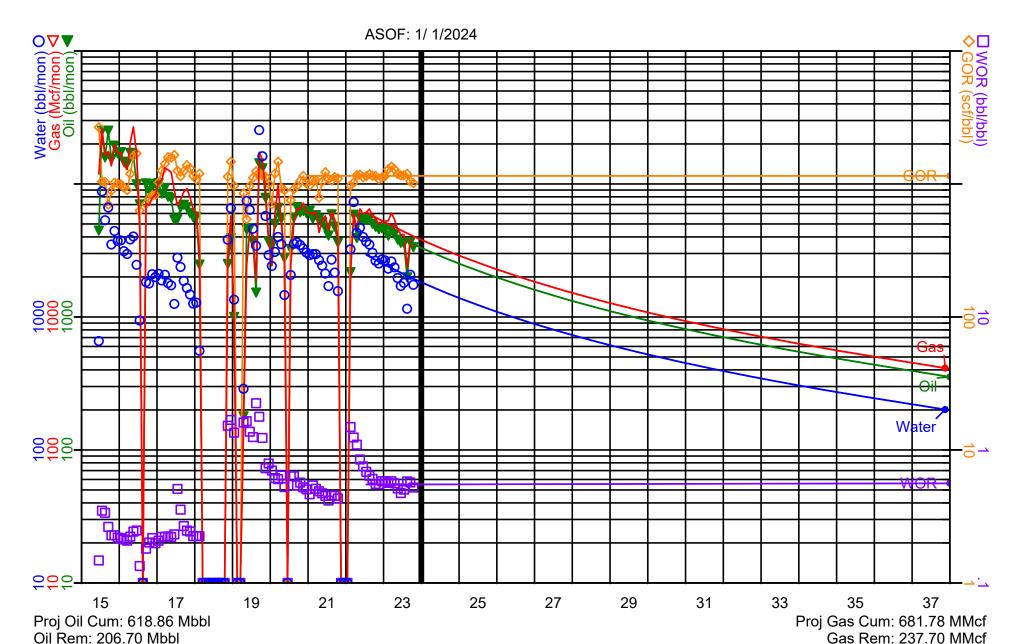
Case Name: STATE WEYDAHL 4-36H1

API Number: 33-025-02680 NDIC FILE No: 29555

Oil EUR: 825.56 Mbbl

Reservoir: THREE FORKS 1 Perfs: 10954-20055

CTB No: 223783



**E222** 

Gas EUR: 919.49 MMcf

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

1/25/2024 12:00:00AM

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

PHDWIN ID: 236

NAME: STATE WEYDAHL 4-36H1
FIELD: CORRAL CREEK
RESERVOIR: THREE FORKS 1

RESERVOIR : THREE FORK COUNTY, STATE : DUNN, ND

OPERATOR: CONTINENTAL RESOURCES

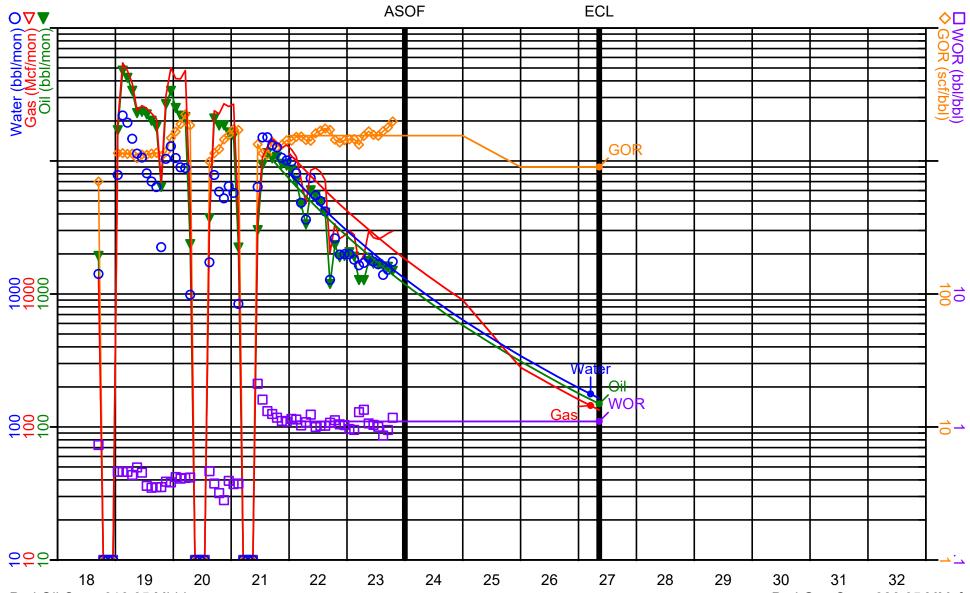
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES	<u> </u>		GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	34.7	0.0	39.9	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	26.8	0.0	30.8	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	21.4	0.0	24.6	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2027	17.4	0.0	20.0	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2028	14.5	0.0	16.7	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2029	12.2	0.0	14.1	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2030	10.5	0.0	12.0	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2031	9.1	0.0	10.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	7.9	0.0	9.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2033	7.0	0.0	8.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2034	6.2	0.0	7.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2035	5.5	0.0	6.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2036	5.0	0.0	5.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2037	4.5	0.0	5.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2038	4.0	0.0	4.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	186.7	0.0	214.7	0.0	0.0	0.0	106.817	0.000	3.977	0.0	0.0	0.0	0.0
REMAINING	20.0	0.0	23.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	206.7	0.0	237.7	0.0	0.0	0.0	118.281	0.000	4.124	0.0	0.0	0.0	0.0
CUM PROD	618.9	0.0	681.8										
ULTIMATE	825.6	0.0	919.5										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	INTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	<u>%</u>	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
12-31-2033	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	0.0
12-31-2034	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2035	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2036	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2037	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2038	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 22.6 Y	RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: STATE WEYDAHL 5-36H1

API Number: 33-025-02802 NDIC FILE No: 30362 Reservoir: THREE FORKS 1 Perfs: 11522-20950

CTB No: 223783



Proj Oil Cum: 616.65 Mbbl Oil Rem: 18.79 Mbbl Oil EUR: 635.44 Mbbl Proj Gas Cum: 826.65 MMcf Gas Rem: 25.16 MMcf Gas EUR: 851.81 MMcf

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

NET RESERVES

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

GROSS RESERVES

PHDWIN ID: 237

PERIOD

SUBTOTAL

REMAINING

TOTAL OF 3.4 YRS

1/25/2024 12:00:00AM

AVERAGE PRICES

STATE WEYDAHL 5-36H1

NAME: CORRAL CREEK FIELD: RESERVOIR: THREE FORKS 1 COUNTY, STATE: DUNN, ND

OPERATOR:

CONTINENTAL RESOURCES GROSS REVENUE

ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	10.1	0.0	15.6	0.0	0.0	0.0	78.670	0.000	2,929	0.0	0	.0 (	0.0
12-31-2025	5.1	0.0	6.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0	.0	0.0
12-31-2026	2.9	0.0	2.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0	.0	0.0
12-31-2027	0.7	0.0	0.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0	.0	0.0
12-31-2028	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0	.0	0.0
SUBTOTAL	18.8	0.0		0.0	0.0	0.0	146.429	0.000	4.114	0.0			0.0
REMAINING	0.0	0.0		0.0	0.0	0.0	0.000	0.000	0.000	0.0			0.0
TOTAL	18.8	0.0		0.0	0.0	0.0	146.429	0.000	4.114	0.0	0	.0	0.0
CUM PROD	616.7	0.0											
ULTIMATE	635.4	0.0	851.8										
			N	ET DEDUCTIONS/	EXPENDITURES				RE NET REVE				
PERIOD	NUMBER OF A			PROD AND	CAPITAL	OPERATING		COUNTED		DISCOUNTED			VORTH PROFILE
ENDING	COMPLETIO			ADV TAXES	COST	EXPENSE	PERIOD	CUM		ERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$		M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	10	0.0
12-31-2028	0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	12	0.0
												15	0.0
												20	0.0

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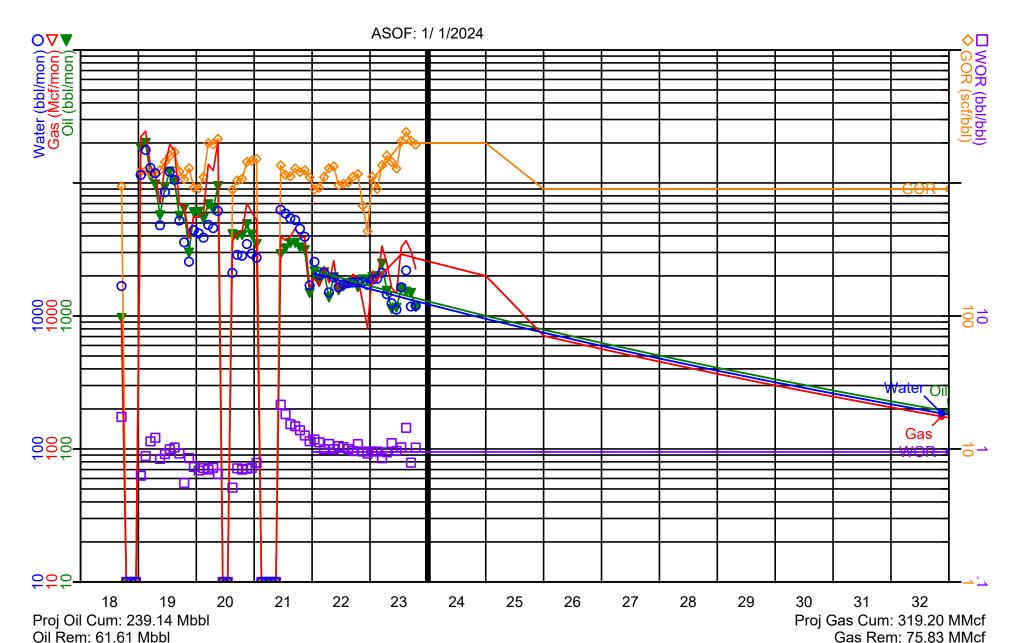
Case Name: STATE WEYDAHL 6-36H

API Number: 33-025-02803 NDIC FILE No: 30363

Oil EUR: 300.75 Mbbl

Reservoir: MIDDLE BAKKEN Perfs: 11574-20943

CTB No: 223783



**E226** 

Gas EUR: 395.03 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST: 0.000000

PHDWIN ID: 238

NAME : FIELD : STATE WEYDAHL 6-36H CORRAL CREEK MIDDLE BAKKEN

RESERVOIR : COUNTY, STATE : OPERATOR :

DUNN, ND CONTINENTAL RESOURCES

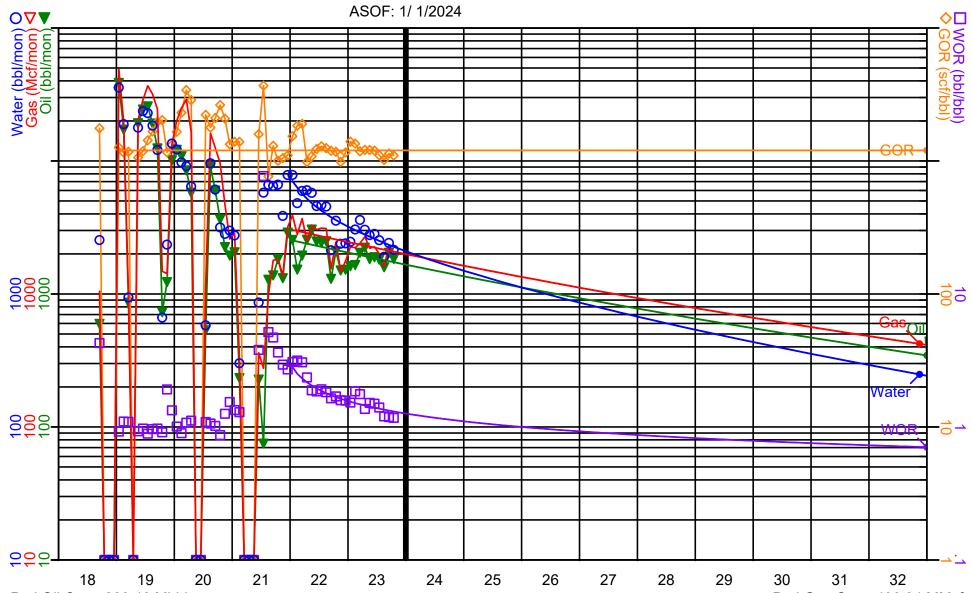
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	13.7	0.0	27.4	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	10.7	0.0	14.9	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	8.4	0.0	7.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	6.7	0.0	6.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	5.5	0.0	4.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	4.4	0.0	4.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	3.6	0.0	3.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	3.0	0.0	2.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	2.5	0.0	2.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2033	2.1	0.0	1.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2034	0.9	0.0	0.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2035	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	61.6	0.0	75.8	0.0	0.0	0.0	199.001	0.000	4.492	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	61.6	0.0	75.8	0.0	0.0	0.0	199.001	0.000	4.492	0.0	0.0	0.0	0.0
CUM PROD	239.1	0.0	319.2										
ULTIMATE	300.7	0.0	395.0										

				NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	FACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
12-31-2033	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	0.0
12-31-2034	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2035	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
ar inmoner r			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 10.5 Y	RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: STATE WEYDAHL 7-36H2

API Number: 33-025-02804 NDIC FILE No: 30364 Reservoir: THREE FORKS 2 Perfs: 11933-21105

CTB No: 223783



Proj Oil Cum: 289.40 Mbbl Oil Rem: 104.31 Mbbl Oil EUR: 393.71 Mbbl Proj Gas Cum: 438.34 MMcf Gas Rem: 125.18 MMcf Gas EUR: 563.51 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST :

PHDWIN ID: 239

PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

STATE WEYDAHL 7-36H2 NAME: CORRAL CREEK FIELD: RESERVOIR: THREE FORKS 2 COUNTY, STATE: DUNN, ND

CONTINENTAL RESOURCES OPERATOR:

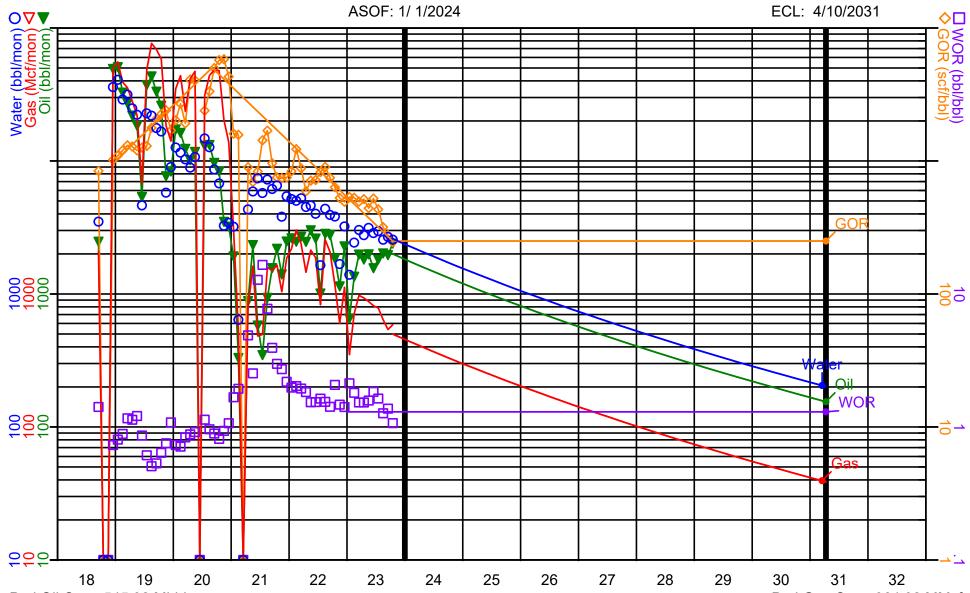
G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	VENUE	
OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
18.1	0.0	21.7	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
14.8	0.0	17.7	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12.2	0.0	14.7	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
10.2	0.0	12.2	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
8.6	0.0	10.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
7.2	0.0	8.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
6.1	0.0	7.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
5.2	0.0	6.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
4.5	0.0	5.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
3.8	0.0	4.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
3.3	0.0	4.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
2.9	0.0	3.5	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
2.5	0.0	3.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
2.2	0.0	2.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
1.9	0.0	2.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
103.5	0.0	124.3	0.0	0.0	0.0	147.345	0.000	4.981	0.0	0.0	0.0	0.0
0.8	0.0	0.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
104.3	0.0	125.2	0.0	0.0	0.0	148.436	0.000	4.981	0.0	0.0	0.0	0.0
289.4	0.0	438.3										
393.7	0.0	563.5										
	OIL MBBL  18.1 14.8 12.2 10.2 8.6 7.2 6.1 5.2 4.5 3.8 3.3 2.9 2.5 2.2 1.9  103.5 0.8 104.3 289.4	MBBL         MGAL           18.1         0.0           14.8         0.0           12.2         0.0           10.2         0.0           8.6         0.0           7.2         0.0           6.1         0.0           5.2         0.0           4.5         0.0           3.8         0.0           2.9         0.0           2.5         0.0           2.2         0.0           1.9         0.0           103.5         0.0           0.8         0.0           104.3         0.0           289.4         0.0	OIL MBBL         NGL MGAL         GAS MMCF           18.1         0.0         21.7           14.8         0.0         17.7           12.2         0.0         14.7           10.2         0.0         12.2           8.6         0.0         10.3           7.2         0.0         8.6           6.1         0.0         7.3           5.2         0.0         6.3           4.5         0.0         5.4           3.8         0.0         4.6           3.3         0.0         4.0           2.9         0.0         3.5           2.5         0.0         3.0           2.2         0.0         2.6           1.9         0.0         2.3           103.5         0.0         124.3           0.8         0.0         0.9           104.3         0.0         125.2           289.4         0.0         438.3	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL           18.1         0.0         21.7         0.0           14.8         0.0         17.7         0.0           12.2         0.0         14.7         0.0           10.2         0.0         12.2         0.0           8.6         0.0         10.3         0.0           7.2         0.0         8.6         0.0           6.1         0.0         7.3         0.0           5.2         0.0         6.3         0.0           4.5         0.0         5.4         0.0           3.8         0.0         4.6         0.0           2.9         0.0         3.5         0.0           2.9         0.0         3.5         0.0           2.5         0.0         3.0         0.0           2.2         0.0         2.6         0.0           1.9         0.0         2.3         0.0           103.5         0.0         124.3         0.0           0.8         0.0         0.9         0.0           104.3         0.0         438.3	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL           18.1         0.0         21.7         0.0         0.0           14.8         0.0         17.7         0.0         0.0           12.2         0.0         14.7         0.0         0.0           10.2         0.0         12.2         0.0         0.0           8.6         0.0         10.3         0.0         0.0           7.2         0.0         8.6         0.0         0.0           6.1         0.0         7.3         0.0         0.0           5.2         0.0         6.3         0.0         0.0           4.5         0.0         5.4         0.0         0.0           3.8         0.0         4.6         0.0         0.0           2.9         0.0         3.5         0.0         0.0           2.5         0.0         3.0         0.0         0.0           2.5         0.0         3.0         0.0         0.0           2.2         0.0         2.6         0.0         0.0           1.9         0.0         2.3         0.0         0.0           10.8<	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF           18.1         0.0         21.7         0.0         0.0         0.0           14.8         0.0         17.7         0.0         0.0         0.0           12.2         0.0         14.7         0.0         0.0         0.0           10.2         0.0         12.2         0.0         0.0         0.0           8.6         0.0         10.3         0.0         0.0         0.0           7.2         0.0         8.6         0.0         0.0         0.0           6.1         0.0         7.3         0.0         0.0         0.0           5.2         0.0         6.3         0.0         0.0         0.0           4.5         0.0         5.4         0.0         0.0         0.0           3.8         0.0         4.6         0.0         0.0         0.0           2.9         0.0         3.5         0.0         0.0         0.0           2.9         0.0         3.5         0.0         0.0         0.0           2.5         0.0         3.0         0.0         0.0	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/BBL           18.1         0.0         21.7         0.0         0.0         0.0         78.670           14.8         0.0         17.7         0.0         0.0         0.0         78.670           12.2         0.0         14.7         0.0         0.0         0.0         78.670           10.2         0.0         12.2         0.0         0.0         0.0         0.0         78.670           8.6         0.0         10.3         0.0         0.0         0.0         0.0         78.670           8.6         0.0         10.3         0.0         0.0         0.0         0.0         0.00           7.2         0.0         8.6         0.0         0.0         0.0         0.0         0.00           6.1         0.0         7.3         0.0         0.0         0.0         0.0         0.00           4.5         0.0         5.4         0.0         0.0         0.0         0.0         0.00           3.8         0.0         4.6         0.0         0.0         0.0         0.0         0.0 <t< td=""><td>OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/BBL         NGL S/BBL         NGL</td><td>OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/BBL         NGL S/BBL         S/GAL S/MCF           18.1         0.0         21.7         0.0         0.0         0.0         78.670         0.000         2.929           14.8         0.0         17.7         0.0         0.0         0.0         78.670         0.000         2.929           12.2         0.0         14.7         0.0         0.0         0.0         78.670         0.000         2.929           10.2         0.0         12.2         0.0         0.0         0.0         78.670         0.000         2.929           8.6         0.0         10.3         0.0         0.0         0.0         0.000         0.000         2.929           8.6         0.0         10.3         0.0         0.0         0.0         0.000         0.0</td><td>OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/BBL         NGL S/BBL         GAS S/MCF         OIL MS           18.1         0.0         21.7         0.0         0.0         0.0         78.670         0.000         2.929         0.0           14.8         0.0         17.7         0.0         0.0         0.0         78.670         0.000         2.929         0.0           12.2         0.0         14.7         0.0         0.0         0.0         78.670         0.000         2.929         0.0           10.2         0.0         12.2         0.0         0.0         0.0         78.670         0.000         2.929         0.0           8.6         0.0         10.3         0.0         0.0         0.0         0.000         0.000         0.000         0.000         2.929         0.0           6.1         0.0         13.3         0.0         0.0         0.0         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000</td><td>OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         MGAS MMCF         OIL SIBBL         NGL SIBBL         SIGAL SIMCF         SIMCF         MS         D         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0<td>OIL MBBL         NGL MBBL         GAS MBBL         OIL MGAL         GAS MMCF         OIL MGAL         NGL S/GAL S/MCF         OIL MS         NGL MS         GAS MS           18.1         0.0         21.7         0.0         0.0         0.0         78.670         0.000         2.929         0.0         0.0         0.0         0.0           14.8         0.0         17.7         0.0         0.0         0.0         78.670         0.000         2.929         0.0         0.0         0.0         0.0            12.2         0.0         14.7         0.0         0.0         0.0         78.670         0.000         2.929         0.0         &lt;</td></td></t<>	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/BBL         NGL	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/BBL         NGL S/BBL         S/GAL S/MCF           18.1         0.0         21.7         0.0         0.0         0.0         78.670         0.000         2.929           14.8         0.0         17.7         0.0         0.0         0.0         78.670         0.000         2.929           12.2         0.0         14.7         0.0         0.0         0.0         78.670         0.000         2.929           10.2         0.0         12.2         0.0         0.0         0.0         78.670         0.000         2.929           8.6         0.0         10.3         0.0         0.0         0.0         0.000         0.000         2.929           8.6         0.0         10.3         0.0         0.0         0.0         0.000         0.0	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/BBL         NGL S/BBL         GAS S/MCF         OIL MS           18.1         0.0         21.7         0.0         0.0         0.0         78.670         0.000         2.929         0.0           14.8         0.0         17.7         0.0         0.0         0.0         78.670         0.000         2.929         0.0           12.2         0.0         14.7         0.0         0.0         0.0         78.670         0.000         2.929         0.0           10.2         0.0         12.2         0.0         0.0         0.0         78.670         0.000         2.929         0.0           8.6         0.0         10.3         0.0         0.0         0.0         0.000         0.000         0.000         0.000         2.929         0.0           6.1         0.0         13.3         0.0         0.0         0.0         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         MGAS MMCF         OIL SIBBL         NGL SIBBL         SIGAL SIMCF         SIMCF         MS         D         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0 <td>OIL MBBL         NGL MBBL         GAS MBBL         OIL MGAL         GAS MMCF         OIL MGAL         NGL S/GAL S/MCF         OIL MS         NGL MS         GAS MS           18.1         0.0         21.7         0.0         0.0         0.0         78.670         0.000         2.929         0.0         0.0         0.0         0.0           14.8         0.0         17.7         0.0         0.0         0.0         78.670         0.000         2.929         0.0         0.0         0.0         0.0            12.2         0.0         14.7         0.0         0.0         0.0         78.670         0.000         2.929         0.0         &lt;</td>	OIL MBBL         NGL MBBL         GAS MBBL         OIL MGAL         GAS MMCF         OIL MGAL         NGL S/GAL S/MCF         OIL MS         NGL MS         GAS MS           18.1         0.0         21.7         0.0         0.0         0.0         78.670         0.000         2.929         0.0         0.0         0.0         0.0           14.8         0.0         17.7         0.0         0.0         0.0         78.670         0.000         2.929         0.0         0.0         0.0         0.0            12.2         0.0         14.7         0.0         0.0         0.0         78.670         0.000         2.929         0.0         <

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	INTED	DISCOUNTED	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
12-31-2033	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	0.0
12-31-2034	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2035	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2036	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2037	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2038	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 15.4 Y	/RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: STATE WEYDAHL 8-36H1

API Number: 33-025-03183 NDIC FILE No: 32812 Reservoir: THREE FORKS 1 Perfs: 11580-21707

CTB No: 223783



Proj Oil Cum: 545.92 Mbbl Oil Rem: 53.65 Mbbl

Oil EUR: 599.58 Mbbl

Proj Gas Cum: 964.02 MMcf Gas Rem: 13.41 MMcf Gas EUR: 977.44 MMcf

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST :

PHDWIN ID: 240

1/25/2024 12:00:00AM

NAME: FIELD: RESERVOIR: STATE WEYDAHL 8-36H1

CORRAL CREEK THREE FORKS 1

COUNTY, STATE:

DUNN, ND CONTINENTAL RESOURCES OPERATOR:

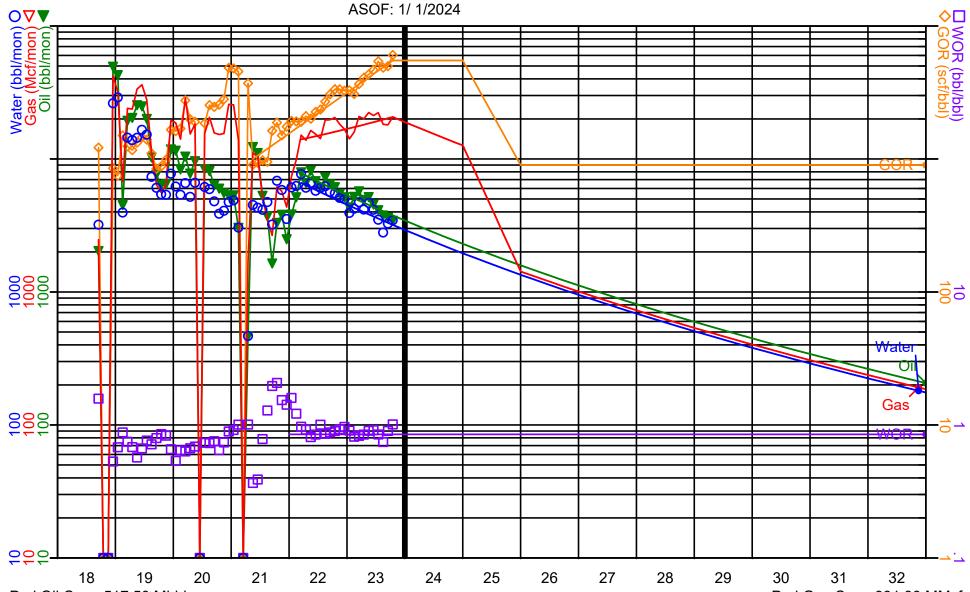
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	VENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	17.8	0.0	4.5	0.0	0.0	0.0	78.670	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	11.9	0.0	3.0	0.0	0.0	0.0	78.670	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	8.2	0.0	2.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	5.8	0.0	1.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	4.2	0.0	1.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	3.1	0.0	0.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	2.3	0.0	0.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	0.5	0.0	0.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	53.7	0.0	13.4	0.0	0.0	0.0	142.296	0.000	0.000	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	53.7	0.0	13.4	0.0	0.0	0.0	142.296	0.000	0.000	0.0	0.0	0.0	0.0
CUM PROD	545.9	0.0	964.0										
ULTIMATE	599.6	0.0	977.4										

		_		NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
											50	0.0
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 7.3 YE	RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: STATE WEYDAHL 9-36H

API Number: 33-025-03184 NDIC FILE No: 32813 Reservoir: MIDDLE BAKKEN Perfs: 11533-21430

CTB No: 223783



Proj Oil Cum: 517.50 Mbbl Oil Rem: 113.14 Mbbl Oil EUR: 630.64 Mbbl Proj Gas Cum: 991.33 MMcf Gas Rem: 298.83 MMcf Gas EUR: 1,290.16 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST :

PHDWIN ID: 241

NAME: FIELD:

STATE WEYDAHL 9-36H CORRAL CREEK MIDDLE BAKKEN

RESERVOIR: COUNTY, STATE: DUNN, ND OPERATOR:

CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	34.0	0.0	186.7	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	23.0	0.0	61.5	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	16.0	0.0	14.4	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2027	11.4	0.0	10.3	0.0	0.0	0.0	78.670	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	8.4	0.0	7.5	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	6.2	0.0	5.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	4.7	0.0	4.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	3.6	0.0	3.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	2.8	0.0	2.5	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2033	2.2	0.0	2.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2034	0.9	0.0	0.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2035	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	113.1	0.0	298.8	0.0	0.0	0.0	105.514	0.000	3.238	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	113.1	0.0	298.8	0.0	0.0	0.0	105.514	0.000	3.238	0.0	0.0	0.0	0.0
CUM PROD	517.5	0.0	991.3										
ULTIMATE	630.6	0.0	1,290.2										

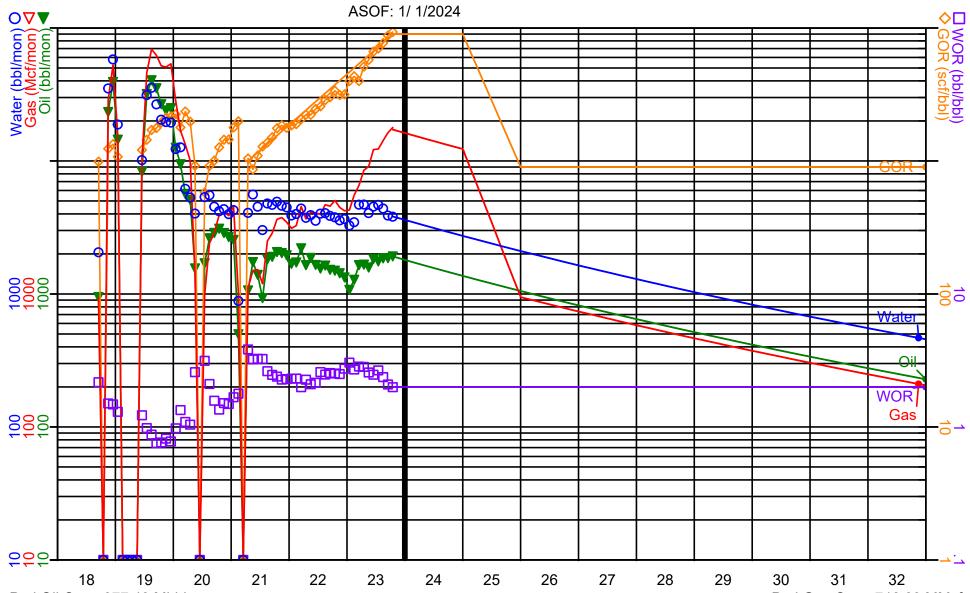
				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
12-31-2033	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	0.0
12-31-2034	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2035	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 10.5	YRS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

3P Filter

Case Name: STATE WEYDAHL 10-36H2

API Number: 33-025-03189 NDIC FILE No: 32818 Reservoir: THREE FORKS 2 Perfs: 11677-21631

CTB No: 223783



Proj Oil Cum: 377.43 Mbbl Oil Rem: 81.55 Mbbl Oil EUR: 458.99 Mbbl Proj Gas Cum: 746.69 MMcf Gas Rem: 266.52 MMcf Gas EUR: 1,013.21 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST : 0.000000

PHDWIN ID: 242

PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

NAME: FIELD:

STATE WEYDAHL 10-36H2

CORRAL CREEK RESERVOIR: THREE FORKS 2 COUNTY, STATE: DUNN, ND

OPERATOR:

CONTINENTAL RESOURCES

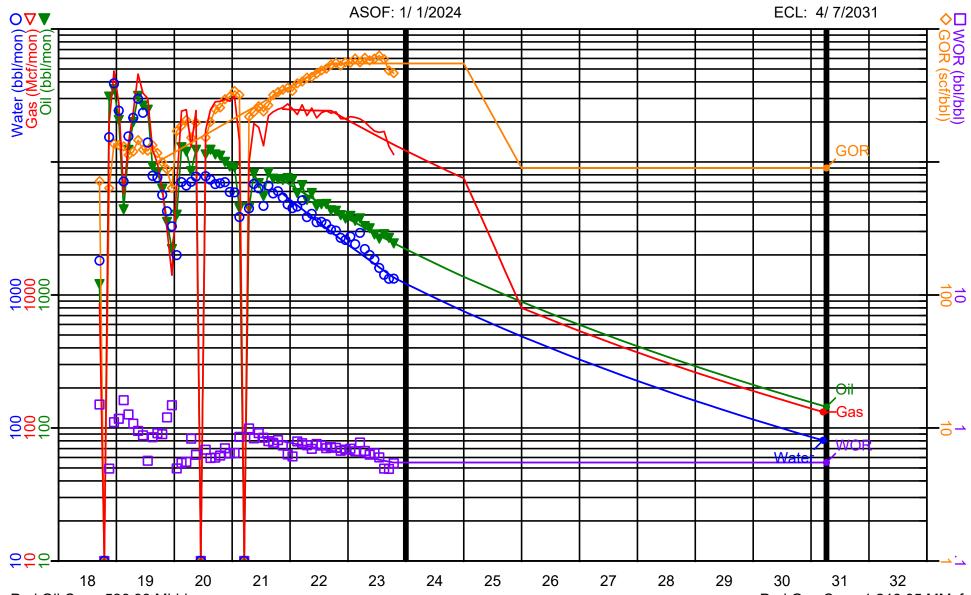
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	18.9	0.0	170.1	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	14.4	0.0	53.0	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	11.1	0.0	10.0	0.0	0.0	0.0	78.670	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	8.7	0.0	7.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	7.0	0.0	6.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	5.6	0.0	5.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	4.5	0.0	4.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	3.7	0.0	3.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	3.0	0.0	2.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2033	2.5	0.0	2.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2034	2.1	0.0	1.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2035	0.1	0.0	0.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2036	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	81.6	0.0	266.5	0.0	0.0	0.0	144.204	0.000	3.365	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	81.6	0.0	266.5	0.0	0.0	0.0	144.204	0.000	3.365	0.0	0.0	0.0	0.0
CUM PROD	377.4	0.0	746.7										
ULTIMATE	459.0	0.0	1,013.2										

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTED	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
12-31-2033	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	0.0
12-31-2034	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2035	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12-31-2036	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 11.0	YRS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: STATE WEYDAHL 11-36H

API Number: 33-025-03190 NDIC FILE No: 32819 Reservoir: MIDDLE BAKKEN Perfs: 11549-21641

CTB No: 223783



Proj Oil Cum: 526.93 Mbbl Oil Rem: 58.81 Mbbl Oil EUR: 585.74 Mbbl Proj Gas Cum: 1,246.65 MMcf Gas Rem: 173.64 MMcf Gas EUR: 1,420.29 MMcf

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST :

PHDWIN ID: 243

1/25/2024 12:00:00AM

NAME: FIELD: RESERVOIR: STATE WEYDAHL 11-36H CORRAL CREEK

MIDDLE BAKKEN

COUNTY, STATE:

DUNN, ND CONTINENTAL RESOURCES OPERATOR:

PERIOD	Gl	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	VENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	21.0	0.0	115.7	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	13.3	0.0	35.9	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	8.7	0.0	7.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	5.9	0.0	5.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	4.2	0.0	3.8	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	3.0	0.0	2.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	2.2	0.0	2.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	0.5	0.0	0.4	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL REMAINING TOTAL CUM PROD	58.8 0.0 58.8 526.9	0.0 0.0 0.0 0.0	173.6 0.0 173.6 1,246.6	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	134.809 0.000 134.809	0.000 0.000 0.000	3.257 0.000 3.257	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
ULTIMATE	585.7	0.0	1,420.3										

				NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE -	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU		DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET	ΓIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
											50	0.0
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 7.3 YR	oc.		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 7.5 TK	w		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

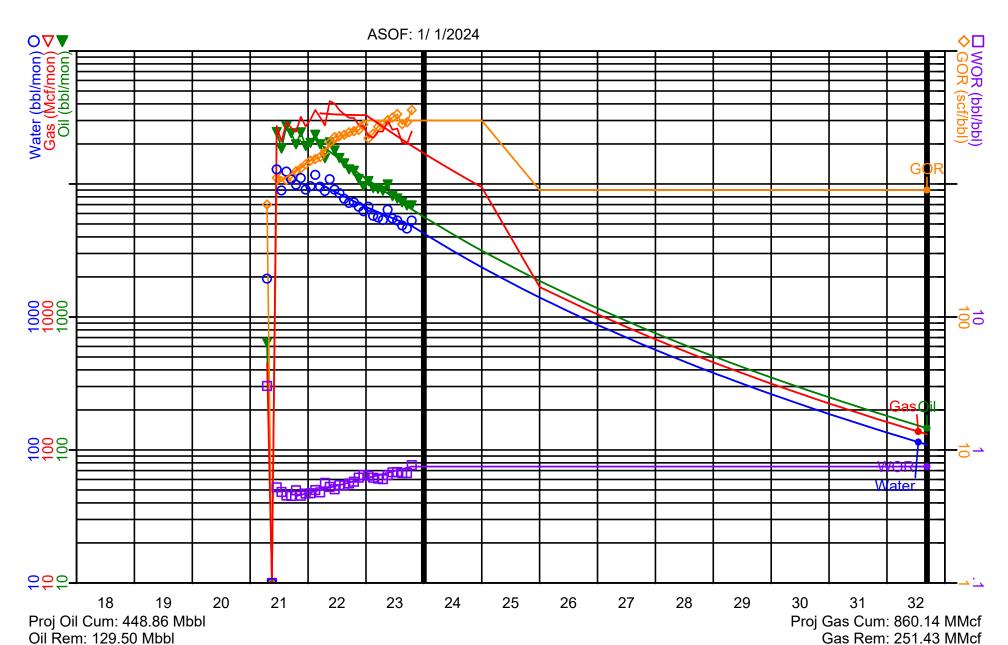
Case Name: STATE WEYDAHL 12-36H

API Number: 33-025-04066 NDIC FILE No: 37779

Oil EUR: 578.36 Mbbl

Reservoir: MIDDLE BAKKEN Perfs: 11576-21439

CTB No: 223783



**E238** 

Gas EUR: 1,111.58 MMcf

#### 1/25/2024 12:00:00AM PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST :

PHDWIN ID: 244

NAME: FIELD: RESERVOIR:

STATE WEYDAHL 12-36H CORRAL CREEK MIDDLE BAKKEN

COUNTY, STATE:

DUNN, ND CONTINENTAL RESOURCES OPERATOR:

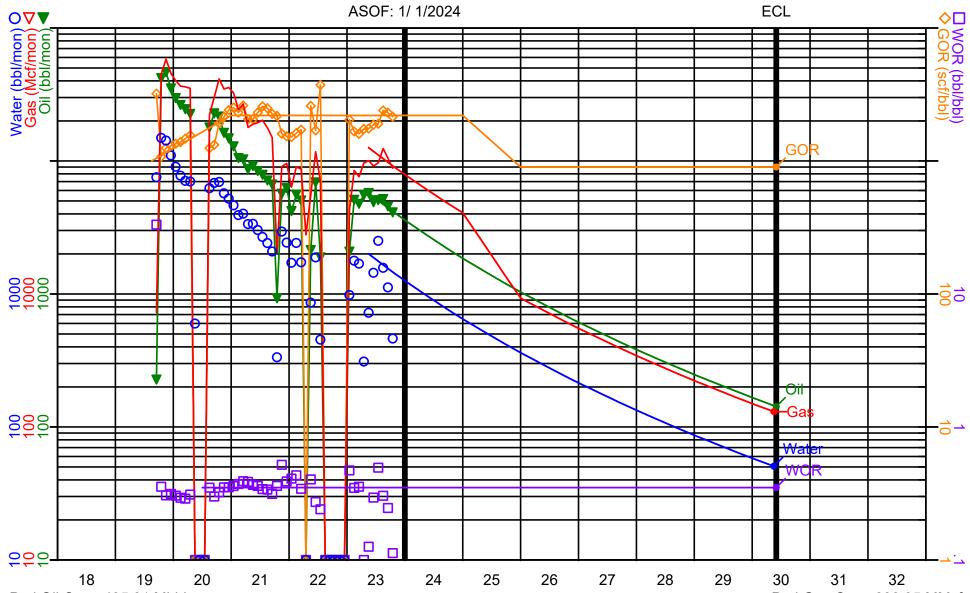
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	51.2	0.0	153.6	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	29.3	0.0	53.7	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	17.8	0.0	16.0	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2027	11.3	0.0	10.2	0.0	0.0	0.0	78.670	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	7.5	0.0	6.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	5.1	0.0	4.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	3.5	0.0	3.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	2.5	0.0	2.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	1.4	0.0	1.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2033	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	129.5	0.0	251.4	0.0	0.0	0.0	93.015	0.000	3.210	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	129.5	0.0	251.4	0.0	0.0	0.0	93.015	0.000	3.210	0.0	0.0	0.0	0.0
CUM PROD	448.9	0.0	860.1	0.0	0.0	0.0	23.013	0.000	3.210	0.0	0.0	0.0	0.0
ULTIMATE	578.4	0.0	1,111.6										
02111.1111	376.1	0.0	1,111.0										

		_		NET DEDUCTIONS	EXPENDITURES			FUTURE NET				
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WC	RTH PROFILE
ENDING	COMPLET	ΓIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
12-31-2033	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	0.0
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 8.7 YE	oc		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 6./ IF	X.O		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: PRAIRIE ROSE 1A MBH-ULW

API Number: 33-025-03567 NDIC FILE No: 35294 Reservoir: MIDDLE BAKKEN Perfs: 11701-21143

CTB No: 235294



Proj Oil Cum: 495.01 Mbbl Oil Rem: 70.46 Mbbl

Oil EUR: 565.48 Mbbl

Proj Gas Cum: 833.95 MMcf Gas Rem: 114.52 MMcf Gas EUR: 948.47 MMcf

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.000000 INITIAL REVENUE INTEREST : 0.000000

PHDWIN ID: 245

1/25/2024 12:00:00AM

NAME: FIELD:

PRAIRIE ROSE 1A MBH-ULW

CORRAL CREEK RESERVOIR:MIDDLE BAKKEN

COUNTY, STATE : OPERATOR :

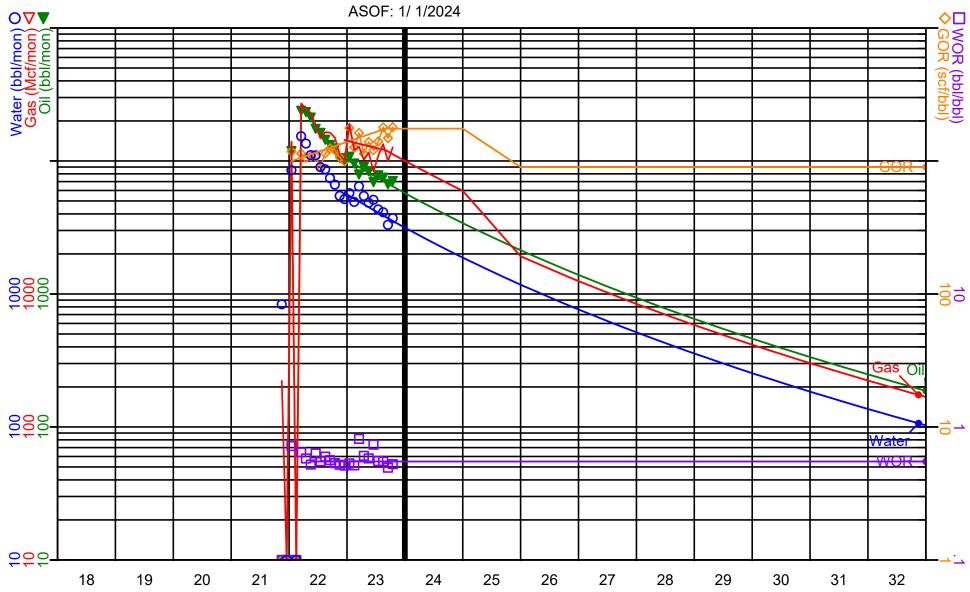
DUNN, ND BURLINGTON RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	31.4	0.0	69.0	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	16.7	0.0	25.4	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	9.6	0.0	8.6	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	5.8	0.0	5.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2028	3.7	0.0	3.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	2.4	0.0	2.2	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	0.8	0.0	0.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL REMAINING TOTAL CUM PROD	70.5 0.0 70.5 495.0	0.0 0.0 0.0 0.0	114.5 0.0 114.5 834.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	115.256 0.000 115.256	0.000 0.000 0.000	3.360 0.000 3.360	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
ULTIMATE	565.5	0.0	948.5										
			NE	T DEDUCTIONS/F	XPENDITURES			FUT	TIRE NET REVEN	HE			

		_		NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF		NET	PROD AND	CAPITAL	OPERATING	UNDISCOL		DISCOUNTE			ORTH PROFILE
ENDING	COMPLE		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	<u></u> %	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
											40	0.0
											50	0.0
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 6.4 Y	/RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: DVIRNAK 10-7HSL1 API Number: 33-025-04285 NDIC FILE No: 38396 Reservoir: THREE FORKS 1 Perfs: 11429-21622

CTB No: 230136



Proj Oil Cum: 268.07 Mbbl Oil Rem: 149.12 Mbbl Oil EUR: 417.19 Mbbl Proj Gas Cum: 333.40 MMcf Gas Rem: 193.05 MMcf Gas EUR: 526.45 MMcf

#### 1/25/2024 12:00:00AM PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.000000 INITIAL REVENUE INTEREST :

PHDWIN ID: 257

DVIRNAK 10-7HSL1 NAME: CORRAL CREEK FIELD: RESERVOIR: THREE FORKS 1 COUNTY, STATE: DUNN, ND

CONTINENTAL RESOURCES OPERATOR:

PERIOD	GROSS RESERVES			NET RESERVES		AVERAGE PRICES			GROSS REVENUE				
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	53.5	0.0	93.6	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2025	32.5	0.0	42.6	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2026	20.7	0.0	18.7	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2027	13.7	0.0	12.4	0.0	0.0	0.0	78.670	0.000	2.929	0.0	0.0	0.0	0.0
12-31-2028	9.4	0.0	8.5	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2029	6.6	0.0	5.9	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2030	4.7	0.0	4.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2031	3.5	0.0	3.1	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2032	2.6	0.0	2.3	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2033	1.9	0.0	1.7	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	149.1	0.0	193.0	0.0	0.0	0.0	97.401	0.000	3.255	0.0	0.0	0.0	0.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	149.1	0.0	193.0	0.0	0.0	0.0	97.401	0.000	3.255	0.0	0.0	0.0	0.0
CUM PROD	268.1	0.0	333.4										
ULTIMATE	417.2	0.0	526.4										

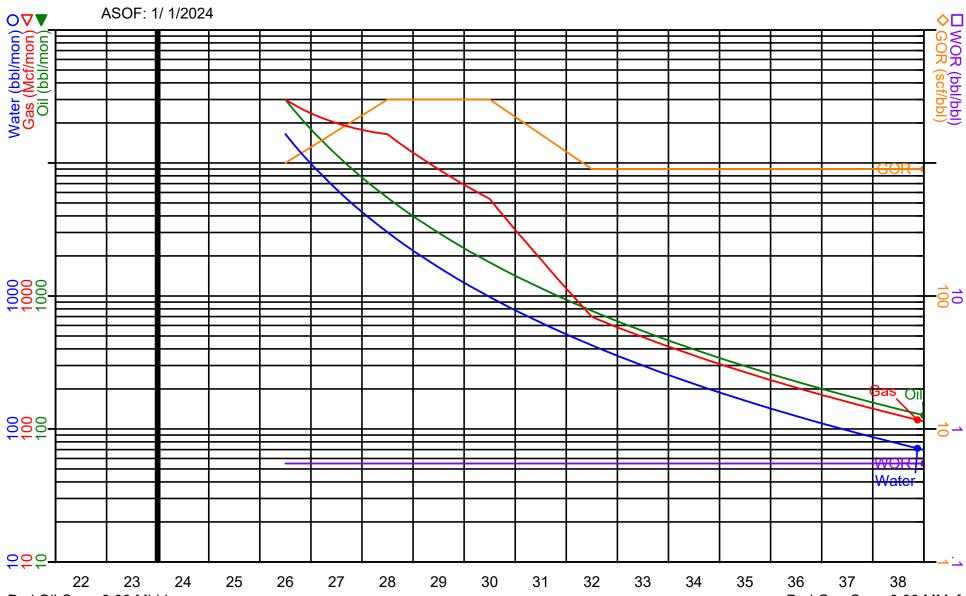
				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	INTED	DISCOUNTED	AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
12-31-2025	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0
12-31-2026	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0
12-31-2027	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12-31-2028	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
12-31-2029	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0
12-31-2030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0
12-31-2031	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.0
12-31-2032	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0
12-31-2033	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	0.0
12-31-2034	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
			0.0		0.0			0.0	0.0	0.0		
SUBTOTAL			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OF 10.0 Y	/RS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Case Name: CARUS TF2 Loc1

API Number: NDIC FILE No:

Reservoir: THREE FORKS 2

Perfs: 0-0 CTB No:



Proj Oil Cum: 0.00 Mbbl Oil Rem: 455.32 Mbbl Oil EUR: 455.32 Mbbl Proj Gas Cum: 0.00 MMcf Gas Rem: 812.09 MMcf Gas EUR: 812.09 MMcf

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.006246 INITIAL REVENUE INTEREST :

PHDWIN ID: 142

CARUS TF2 LOC1 NAME: OAKDALE FIELD: RESERVOIR: THREE FORKS 2 DUNN, ND CONTINENTAL RESOURCES COUNTY, STATE:

OPERATOR:

PERIOD	G	ROSS RESERVES		NET RESERVES		AVERAGE PRICES			GROSS REVENUE				
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	140.7	0.0	160.1	0.8	0.0	0.8	78.670	0.000	2.929	60.0	0.0	2.4	62.4
12-31-2027	143.0	0.0	241.8	0.8	0.0	1.2	78.670	0.000	2.929	61.0	0.0	3.6	64.6
12-31-2028	67.3	0.0	186.5	0.4	0.0	1.0	78.670	0.000	2.929	28.7	0.0	2.8	31.5
12-31-2029	36.3	0.0	109.0	0.2	0.0	0.6	78.670	0.000	2.929	15.5	0.0	1.6	17.1
12-31-2030	21.7	0.0	61.2	0.1	0.0	0.3	78.670	0.000	2.929	9.2	0.0	0.9	10.2
12-31-2031	13.9	0.0	23.6	0.1	0.0	0.1	78.670	0.000	2.929	5.9	0.0	0.4	6.3
12-31-2032	9.4	0.0	9.2	0.1	0.0	0.0	78.670	0.000	2.929	4.0	0.0	0.1	4.1
12-31-2033	6.6	0.0	5.9	0.0	0.0	0.0	78.670	0.000	2.929	2.8	0.0	0.1	2.9
12-31-2034	4.8	0.0	4.3	0.0	0.0	0.0	78.670	0.000	2.929	2.0	0.0	0.1	2.1
12-31-2035	3.6	0.0	3.2	0.0	0.0	0.0	78.670	0.000	2.929	1.5	0.0	0.0	1.6
12-31-2036	2.7	0.0	2.5	0.0	0.0	0.0	78.670	0.000	2.929	1.2	0.0	0.0	1.2
12-31-2037	2.1	0.0	1.9	0.0	0.0	0.0	78.670	0.000	2.929	0.9	0.0	0.0	0.9
12-31-2038	1.7	0.0	1.5	0.0	0.0	0.0	78.670	0.000	2.929	0.7	0.0	0.0	0.7
SUBTOTAL	453.8	0.0	810.7	2.5	0.0	4.1	78.670	0.000	2.929	193.6	0.0	12.1	205.7
REMAINING	1.5	0.0	1.4	0.0	0.0	0.0	78.670	0.000	2.929	0.7	0.0	0.0	0.7
TOTAL	455.3	0.0	812.1	2.5	0.0	4.1	78.670	0.000	2.929	194.3	0.0	12.1	206.4
CUM PROD	0.0	0.0	0.0										
ULTIMATE	455.3	0.0	812.1										

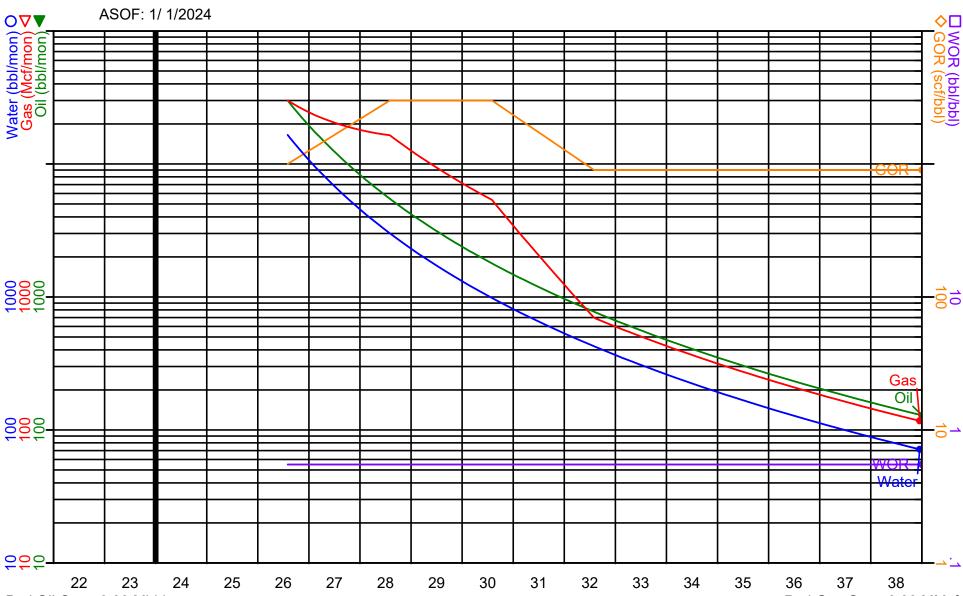
				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET				
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	123.5
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	97.9
12-31-2026	1	0.0	0.0	6.9	42.5	2.9	10.1	10.1	5.5	5.5	8	85.3
12-31-2027	1	0.0	0.0	7.1	0.0	3.3	54.3	64.4	38.4	44.0	10	77.9
12-31-2028	1	0.0	0.0	3.3	0.0	1.9	26.3	90.7	16.8	60.8	12	71.1
12-31-2029	1	0.0	0.0	1.8	0.0	1.3	14.0	104.7	8.1	68.9	15	62.1
12-31-2030	1	0.0	0.0	1.1	0.0	1.0	8.0	112.7	4.2	73.1	20	49.6
12-31-2031	1	0.0	0.0	0.7	0.0	0.9	4.7	117.4	2.2	75.3	30	31.8
12-31-2032	1	0.0	0.0	0.5	0.0	0.8	2.9	120.3	1.2	76.6	40	20.4
12-31-2033	1	0.0	0.0	0.3	0.0	0.7	1.8	122.1	0.7	77.3	50	13.0
12-31-2034	1	0.0	0.0	0.2	0.0	0.7	1.2	123.3	0.4	77.7		
12-31-2035	1	0.0	0.0	0.2	0.0	0.7	0.7	124.0	0.2	77.9		
12-31-2036	1	0.0	0.0	0.1	0.0	0.7	0.4	124.4	0.1	78.0		
12-31-2037	1	0.0	0.0	0.1	0.0	0.7	0.2	124.6	0.0	78.1		
12-31-2038	1	0.0	0.0	0.1	0.0	0.7	0.0	124.6	0.0	78.1		
SUBTOTAL			0.0	22.4	42.5	16.2	124.6	124.6	78.1	78.1		
REMAINING			0.0	0.1	0.9	0.7	-1.1	-1.1	-0.2	77.9		
TOTAL OF 16.1 YI	RS		0.0	22.5	43.4	17.0	123.5	123.5	77.9	77.9		

Case Name: CARUS TF2 Loc2

API Number: NDIC FILE No:

Reservoir: THREE FORKS 2

Perfs: 0-0 CTB No:



Proj Oil Cum: 0.00 Mbbl Oil Rem: 455.32 Mbbl Oil EUR: 455.32 Mbbl Proj Gas Cum: 0.00 MMcf Gas Rem: 812.09 MMcf Gas EUR: 812.09 MMcf

PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.006246 INITIAL REVENUE INTEREST :

PHDWIN ID: 143

CARUS TF2 LOC2 NAME: OAKDALE FIELD: RESERVOIR: THREE FORKS 2 DUNN, ND CONTINENTAL RESOURCES COUNTY, STATE:

OPERATOR:

G	ROSS RESERVES		NET RESERVES			AVERAGE PRICES			GROSS REVENUE			
OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
121.7	0.0	135.7	0.7	0.0	0.7	78.670	0.000	2.929	51.9	0.0	2.0	54.0
153.9	0.0	248.1	0.8	0.0	1.3	78.670	0.000	2.929	65.6	0.0	3.7	69.4
71.3	0.0	192.2	0.4	0.0	1.0	78.670	0.000	2.929	30.4	0.0	2.9	33.3
38.1	0.0	114.3	0.2	0.0	0.6	78.670	0.000	2.929	16.3	0.0	1.7	18.0
22.6	0.0	65.0	0.1	0.0	0.3	78.670	0.000	2.929	9.6	0.0	1.0	10.6
14.4	0.0	25.7	0.1	0.0	0.1	78.670	0.000	2.929	6.1	0.0	0.4	6.5
9.7	0.0	9.8	0.1	0.0	0.1	78.670	0.000	2.929	4.1	0.0	0.1	4.3
6.8	0.0	6.1	0.0	0.0	0.0	78.670	0.000	2.929	2.9	0.0	0.1	3.0
4.9	0.0	4.4	0.0	0.0	0.0	78.670	0.000	2.929	2.1	0.0	0.1	2.2
3.7	0.0	3.3	0.0	0.0	0.0	78.670	0.000	2.929	1.6	0.0	0.0	1.6
2.8	0.0	2.5	0.0	0.0	0.0	78.670	0.000	2.929	1.2	0.0	0.0	1.2
2.2	0.0	2.0	0.0	0.0	0.0	78.670	0.000	2.929	0.9	0.0	0.0	1.0
1.7	0.0	1.6	0.0	0.0	0.0	78.670	0.000	2.929	0.7	0.0	0.0	0.8
453.7	0.0	810.6	2.5	0.0	4.1	78.670	0.000	2.929	193.6	0.0	12.1	205.7
1.7	0.0	1.5	0.0	0.0	0.0	78.670	0.000	2.929	0.7	0.0	0.0	0.7
455.3	0.0	812.1	2.5	0.0	4.1	78.670	0.000	2.929	194.3	0.0	12.1	206.4
0.0	0.0	0.0										
455.3	0.0	812.1										
	OIL MBBL  0.0 0.0 121.7 153.9 71.3 38.1 22.6 14.4 9.7 6.8 4.9 3.7 2.8 2.2 1.7 453.7 1.7 455.3 0.0	OIL MBBL         NGL MGAL           0.0         0.0           0.0         0.0           121.7         0.0           153.9         0.0           71.3         0.0           38.1         0.0           22.6         0.0           14.4         0.0           9.7         0.0           6.8         0.0           4.9         0.0           3.7         0.0           2.8         0.0           2.2         0.0           1.7         0.0           453.7         0.0           455.3         0.0           0.0         0.0	OIL MBBL         NGL MGAL         GAS MMCF           0.0         0.0         0.0           0.0         0.0         0.0           121.7         0.0         135.7           153.9         0.0         248.1           71.3         0.0         192.2           38.1         0.0         114.3           22.6         0.0         65.0           14.4         0.0         25.7           9.7         0.0         9.8           6.8         0.0         6.1           4.9         0.0         4.4           3.7         0.0         3.3           2.8         0.0         2.5           2.2         0.0         2.0           1.7         0.0         1.6           453.7         0.0         810.6           1.7         0.0         1.5           455.3         0.0         812.1           0.0         0.0         0.0	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL           0.0         0.0         0.0         0.0         0.0           0.0         0.0         0.0         0.0         0.0           121.7         0.0         135.7         0.7         0.7           153.9         0.0         248.1         0.8           71.3         0.0         192.2         0.4           38.1         0.0         114.3         0.2           22.6         0.0         65.0         0.1           14.4         0.0         25.7         0.1           9.7         0.0         9.8         0.1           6.8         0.0         6.1         0.0           4.9         0.0         4.4         0.0           3.7         0.0         3.3         0.0           2.8         0.0         2.5         0.0           2.2         0.0         2.0         0.0           1.7         0.0         1.6         0.0           453.7         0.0         810.6         2.5           1.7         0.0         1.5         0.0           455.3         0.0         812.1         <	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL           0.0         0.0         0.0         0.0         0.0           0.0         0.0         0.0         0.0         0.0           121.7         0.0         135.7         0.7         0.0           153.9         0.0         248.1         0.8         0.0           71.3         0.0         192.2         0.4         0.0           38.1         0.0         114.3         0.2         0.0           22.6         0.0         65.0         0.1         0.0           14.4         0.0         25.7         0.1         0.0           9.7         0.0         9.8         0.1         0.0           6.8         0.0         6.1         0.0         0.0           4.9         0.0         4.4         0.0         0.0           3.7         0.0         3.3         0.0         0.0           2.8         0.0         2.5         0.0         0.0           2.2         0.0         2.0         0.0         0.0           1.7         0.0         1.6         0.0         0.0	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF           0.0         0.0         0.0         0.0         0.0         0.0         0.0           0.0         0.0         0.0         0.0         0.0         0.0         0.0           121.7         0.0         135.7         0.7         0.0         0.7           153.9         0.0         248.1         0.8         0.0         1.3           71.3         0.0         192.2         0.4         0.0         1.0           38.1         0.0         114.3         0.2         0.0         0.6           22.6         0.0         65.0         0.1         0.0         0.3           14.4         0.0         25.7         0.1         0.0         0.1           9.7         0.0         9.8         0.1         0.0         0.1           6.8         0.0         6.1         0.0         0.0         0.0           4.9         0.0         4.4         0.0         0.0         0.0           2.8         0.0         2.5         0.0         0.0         0.0           2.2         0.0         2.0 <td>OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/BBL           0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.00         1.0         78.670         0.00         0.0         1.78.670         0.00         0.0         1.78.670         0.00         0.0         0.0         0.0         0.0         0.0         78.670         0.0         0.0         0.0         0.0         0.0         78.670         0.0         0.0         0.0</td> <td>OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/BBL         NGL S/BBL         NGL S/BBL         NGL S/GAL           0.0         0.0         0.0         0.0         0.0         0.0         0.00         0.000</td> <td>OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/GAL         S/GAL S/MCF           0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.00         2.929         153.9         0.0         248.1         0.8         0.0         1.3         78.670         0.000         2.929         143.3         0.0         114.3         0.2         0.0         0.6         78.670         0.000         2.929         22.6         0.0         65.0         0.1         0.0         0.3         78.670         0.000         2.929         14.4         0.0         2.57         0.1</td> <td>OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL SABL         NGL SABL         SABL SAGAL         SABC SAGAL         OIL SAGAL         SABC SAGAL         OIL MS           0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.00         2.929         65.6         65.6         67.3         0.00         1.3         78.670         0.000         2.929         16.3         38.4         38.1         0.00         114.3         0.2         0.0</td> <td>OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/BBL         NGL S/BAL S/GAL         S/MCF         MS         NGL MS</td> <td>OIL MBBL         NGL MGAL         GAS MBBL         OIL MBAL         NGL MGAL         GAS MMCF         OIL S/GBL         NGL S/GBL         GAS S/MCF         OIL MS         NGL MS         GAS MS           0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.00         2.929         51.9         0.0         0.0         2.929         36.4         0.0         2.929         36.4         0.0         2.929         36.4         0.0         1.7         2.26         0.0         0.0         1.0         0.0         0.0</td>	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/BBL           0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.00         1.0         78.670         0.00         0.0         1.78.670         0.00         0.0         1.78.670         0.00         0.0         0.0         0.0         0.0         0.0         78.670         0.0         0.0         0.0         0.0         0.0         78.670         0.0         0.0         0.0	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/BBL         NGL S/BBL         NGL S/BBL         NGL S/GAL           0.0         0.0         0.0         0.0         0.0         0.0         0.00         0.000	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/GAL         S/GAL S/MCF           0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.00         2.929         153.9         0.0         248.1         0.8         0.0         1.3         78.670         0.000         2.929         143.3         0.0         114.3         0.2         0.0         0.6         78.670         0.000         2.929         22.6         0.0         65.0         0.1         0.0         0.3         78.670         0.000         2.929         14.4         0.0         2.57         0.1	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL SABL         NGL SABL         SABL SAGAL         SABC SAGAL         OIL SAGAL         SABC SAGAL         OIL MS           0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.00         2.929         65.6         65.6         67.3         0.00         1.3         78.670         0.000         2.929         16.3         38.4         38.1         0.00         114.3         0.2         0.0	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/BBL         NGL S/BAL S/GAL         S/MCF         MS         NGL MS	OIL MBBL         NGL MGAL         GAS MBBL         OIL MBAL         NGL MGAL         GAS MMCF         OIL S/GBL         NGL S/GBL         GAS S/MCF         OIL MS         NGL MS         GAS MS           0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.00         2.929         51.9         0.0         0.0         2.929         36.4         0.0         2.929         36.4         0.0         2.929         36.4         0.0         1.7         2.26         0.0         0.0         1.0         0.0         0.0

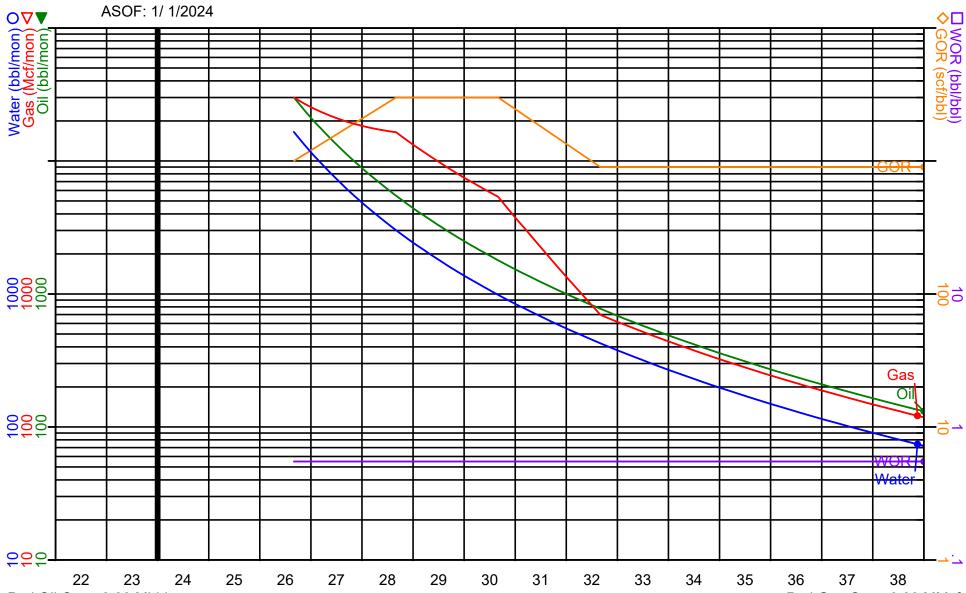
				NET DEDUCTIONS	EXPENDITURES			FUTURE NET				
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	UNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING _	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	123.5
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	97.5
12-31-2026	1	0.0	0.0	6.0	42.5	2.5	3.0	3.0	0.3	0.3	8	84.7
12-31-2027	1	0.0	0.0	7.6	0.0	3.5	58.3	61.3	41.2	41.5	10	77.2
12-31-2028	1	0.0	0.0	3.5	0.0	2.0	27.8	89.0	17.8	59.3	12	70.4
12-31-2029	1	0.0	0.0	1.9	0.0	1.4	14.7	103.8	8.5	67.8	15	61.3
12-31-2030	1	0.0	0.0	1.1	0.0	1.1	8.4	112.2	4.4	72.2	20	48.8
12-31-2031	1	0.0	0.0	0.7	0.0	0.9	4.9	117.1	2.3	74.5	30	31.0
12-31-2032	1	0.0	0.0	0.5	0.0	0.8	3.0	120.1	1.3	75.8	40	19.7
12-31-2033	1	0.0	0.0	0.3	0.0	0.7	1.9	122.0	0.7	76.6	50	12.5
12-31-2034	1	0.0	0.0	0.2	0.0	0.7	1.2	123.2	0.4	77.0		
12-31-2035	1	0.0	0.0	0.2	0.0	0.7	0.7	123.9	0.2	77.2		
12-31-2036	1	0.0	0.0	0.1	0.0	0.7	0.4	124.4	0.1	77.3		
12-31-2037	1	0.0	0.0	0.1	0.0	0.7	0.2	124.5	0.0	77.4		
12-31-2038	1	0.0	0.0	0.1	0.0	0.7	0.0	124.6	0.0	77.4		
SUBTOTAL			0.0	22.4	42.5	16.2	124.6	124.6	77.4	77.4		
REMAINING			0.0	0.1	0.9	0.8	-1.1	-1.1	-0.2	77.2		
TOTAL OF 16.2 Y	RS		0.0	22.5	43.4	17.0	123.5	123.5	77.2	77.2		

Case Name: CARUS TF2 Loc3

API Number: NDIC FILE No:

Reservoir: THREE FORKS 2 Perfs: 0-0

CTB No:



Proj Oil Cum: 0.00 Mbbl Oil Rem: 455.32 Mbbl Oil EUR: 455.32 Mbbl Proj Gas Cum: 0.00 MMcf Gas Rem: 812.10 MMcf Gas EUR: 812.10 MMcf

# PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.006246 INITIAL REVENUE INTEREST : 0.005423

PHDWIN ID: 144

AS OF JANUARY 1, 2024

CARUS TF2 LOC3 NAME: OAKDALE FIELD: RESERVOIR: THREE FORKS 2 COUNTY, STATE: DUNN, ND

OPERATOR: CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		NET RESERVES			AVERAGE PRICES			GROSS REVENUE			
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	101.1	0.0	110.3	0.5	0.0	0.6	78.670	0.000	2.929	43.1	0.0	1.6	44.8
12-31-2027	165.8	0.0	254.9	0.9	0.0	1.3	78.670	0.000	2.929	70.7	0.0	3.8	74.5
12-31-2028	75.7	0.0	197.6	0.4	0.0	1.0	78.670	0.000	2.929	32.3	0.0	3.0	35.2
12-31-2029	40.0	0.0	120.0	0.2	0.0	0.6	78.670	0.000	2.929	17.1	0.0	1.8	18.9
12-31-2030	23.5	0.0	68.7	0.1	0.0	0.4	78.670	0.000	2.929	10.0	0.0	1.0	11.1
12-31-2031	14.9	0.0	28.0	0.1	0.0	0.1	78.670	0.000	2.929	6.4	0.0	0.4	6.8
12-31-2032	10.0	0.0	10.5	0.1	0.0	0.1	78.670	0.000	2.929	4.3	0.0	0.2	4.4
12-31-2033	7.0	0.0	6.3	0.0	0.0	0.0	78.670	0.000	2.929	3.0	0.0	0.1	3.1
12-31-2034	5.0	0.0	4.5	0.0	0.0	0.0	78.670	0.000	2.929	2.1	0.0	0.1	2.2
12-31-2035	3.7	0.0	3.4	0.0	0.0	0.0	78.670	0.000	2.929	1.6	0.0	0.1	1.6
12-31-2036	2.9	0.0	2.6	0.0	0.0	0.0	78.670	0.000	2.929	1.2	0.0	0.0	1.3
12-31-2037	2.2	0.0	2.0	0.0	0.0	0.0	78.670	0.000	2.929	0.9	0.0	0.0	1.0
12-31-2038	1.8	0.0	1.6	0.0	0.0	0.0	78.670	0.000	2.929	0.8	0.0	0.0	0.8
SUBTOTAL	453.5	0.0	810.5	2.5	0.0	4.1	78.670	0.000	2.929	193.5	0.0	12.1	205.6
REMAINING	1.8	0.0	1.6	0.0	0.0	0.0	78.670	0.000	2.929	0.8	0.0	0.0	0.8
TOTAL	455.3	0.0	812.1	2.5	0.0	4.1	78.670	0.000	2.929	194.3	0.0	12.1	206.4
CUM PROD	0.0	0.0	0.0										
ULTIMATE	455.3	0.0	812.1										

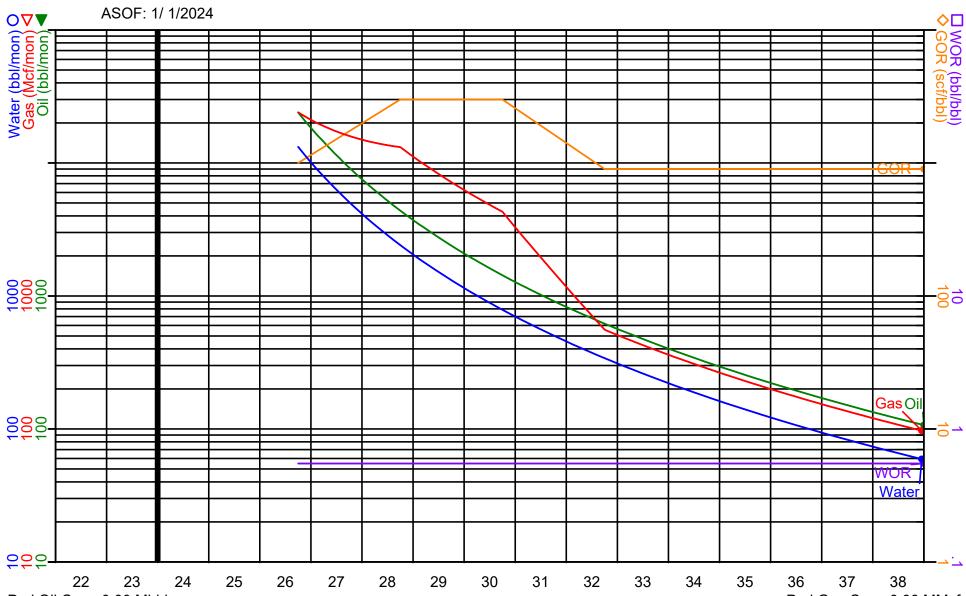
				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	INTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	123.5
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	97.1
12-31-2026	1	0.0	0.0	5.0	42.5	2.1	-4.7	-4.7	-5.4	-5.4	8	84.1
12-31-2027	1	0.0	0.0	8.2	0.0	3.7	62.7	57.9	44.4	38.9	10	76.6
12-31-2028	1	0.0	0.0	3.8	0.0	2.1	29.4	87.3	18.8	57.8	12	69.7
12-31-2029	1	0.0	0.0	2.0	0.0	1.4	15.5	102.8	9.0	66.7	15	60.5
12-31-2030	1	0.0	0.0	1.2	0.0	1.1	8.8	111.6	4.6	71.3	20	48.0
12-31-2031	1	0.0	0.0	0.7	0.0	0.9	5.1	116.8	2.4	73.8	30	30.3
12-31-2032	1	0.0	0.0	0.5	0.0	0.8	3.1	119.9	1.3	75.1	40	19.1
12-31-2033	1	0.0	0.0	0.3	0.0	0.7	2.0	121.9	0.8	75.9	50	11.9
12-31-2034	1	0.0	0.0	0.2	0.0	0.7	1.3	123.1	0.4	76.3		
12-31-2035	1	0.0	0.0	0.2	0.0	0.7	0.8	123.9	0.2	76.6		
12-31-2036	1	0.0	0.0	0.1	0.0	0.7	0.4	124.3	0.1	76.7		
12-31-2037	1	0.0	0.0	0.1	0.0	0.7	0.2	124.5	0.1	76.7		
12-31-2038	1	0.0	0.0	0.1	0.0	0.7	0.0	124.6	0.0	76.7		
SUBTOTAL			0.0	22.4	42.5	16.1	124.6	124.6	76.7	76.7		
REMAINING			0.0	0.1	0.9	0.8	-1.1	-1.1	-0.2	76.6		
TOTAL OF 16.3 Y	RS		0.0	22.5	43.4	17.0	123.5	123.5	76.6	76.6		

Case Name: SUMMERFIELD TF2 Loc1

API Number: NDIC FILE No:

Reservoir: THREE FORKS 2 Perfs: 0-0

CTB No:



Proj Oil Cum: 0.00 Mbbl Oil Rem: 363.10 Mbbl Oil EUR: 363.10 Mbbl Proj Gas Cum: 0.00 MMcf Gas Rem: 648.63 MMcf Gas EUR: 648.63 MMcf

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.012486 INITIAL REVENUE INTEREST: 0.010844

PHDWIN ID: 176

NAME: SUMMERFIELD TF2 LOC1 FIELD: BEAR CREEK

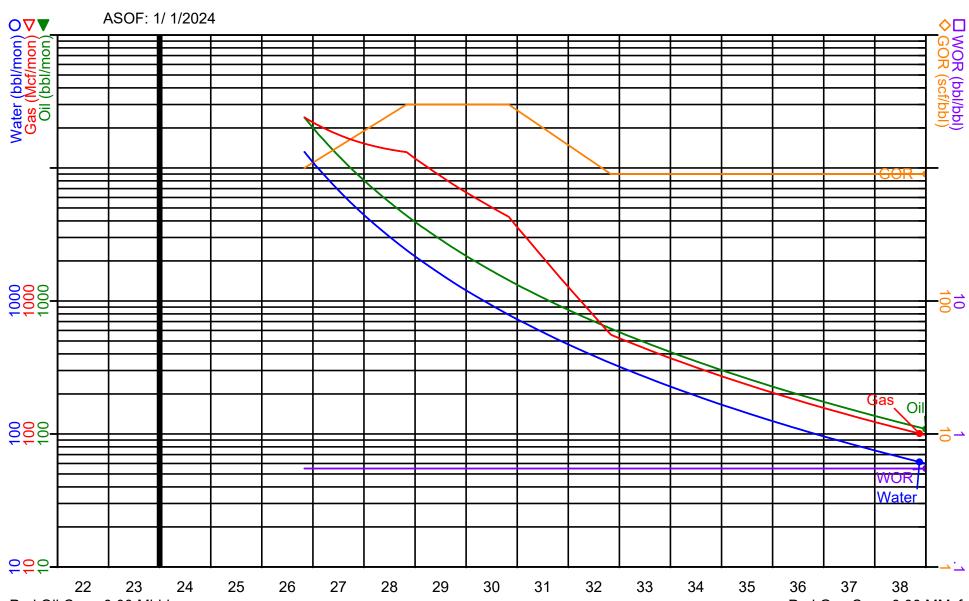
FIELD: BEAR CREEK
RESERVOIR: THREE FORKS 2
COUNTY, STATE: DUNN, ND

OPERATOR: ENERPLUS RESOURCES USA CORP

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	63.5	0.0	67.9	0.7	0.0	0.7	78.670	0.000	2.929	54.2	0.0	2.0	56.2
12-31-2027	142.8	0.0	209.7	1.5	0.0	2.1	78.670	0.000	2.929	121.8	0.0	6.3	128.1
12-31-2028	64.1	0.0	162.0	0.7	0.0	1.7	78.670	0.000	2.929	54.7	0.0	4.8	59.6
12-31-2029	33.6	0.0	100.7	0.4	0.0	1.0	78.670	0.000	2.929	28.6	0.0	3.0	31.6
12-31-2030	19.6	0.0	57.9	0.2	0.0	0.6	78.670	0.000	2.929	16.7	0.0	1.7	18.4
12-31-2031	12.3	0.0	24.4	0.1	0.0	0.2	78.670	0.000	2.929	10.5	0.0	0.7	11.3
12-31-2032	8.2	0.0	9.0	0.1	0.0	0.1	78.670	0.000	2.929	7.0	0.0	0.3	7.3
12-31-2033	5.7	0.0	5.1	0.1	0.0	0.1	78.670	0.000	2.929	4.9	0.0	0.2	5.0
12-31-2034	4.1	0.0	3.7	0.0	0.0	0.0	78.670	0.000	2.929	3.5	0.0	0.1	3.6
12-31-2035	3.1	0.0	2.8	0.0	0.0	0.0	78.670	0.000	2.929	2.6	0.0	0.1	2.7
12-31-2036	2.3	0.0	2.1	0.0	0.0	0.0	78.670	0.000	2.929	2.0	0.0	0.1	2.1
12-31-2037	1.8	0.0	1.6	0.0	0.0	0.0	78.670	0.000	2.929	1.5	0.0	0.0	1.6
12-31-2038	1.4	0.0	1.3	0.0	0.0	0.0	78.670	0.000	2.929	1.2	0.0	0.0	1.3
SUBTOTAL	362.7	0.0	648.3	3.9	0.0	6.6	78.670	0.000	2.929	309.4	0.0	19.4	328.8
REMAINING	0.4	0.0	0.3	0.0	0.0	0.0	78.670	0.000	2.929	0.3	0.0	0.0	0.3
TOTAL	363.1	0.0	648.6	3.9	0.0	6.6	78.670	0.000	2.929	309.8	0.0	19.4	329.1
CUM PROD	0.0	0.0	0.0										
ULTIMATE	363.1	0.0	648.6										

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCO	UNTED	DISCOUNTE	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING _	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	198.5
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	156.3
12-31-2026	1	0.0	0.0	6.3	63.7	2.6	-16.4	-16.4	-14.9	-14.9	8	135.5
12-31-2027	1	0.0	0.0	14.1	0.0	6.5	107.5	91.1	76.1	61.1	10	123.3
12-31-2028	1	0.0	0.0	6.4	0.0	3.7	49.5	140.6	31.7	92.8	12	112.3
12-31-2029	1	0.0	0.0	3.3	0.0	2.5	25.8	166.4	14.9	107.8	15	97.6
12-31-2030	1	0.0	0.0	1.9	0.0	2.0	14.5	180.9	7.6	115.4	20	77.4
12-31-2031	1	0.0	0.0	1.2	0.0	1.7	8.3	189.2	3.9	119.3	30	48.8
12-31-2032	1	0.0	0.0	0.8	0.0	1.5	4.9	194.2	2.1	121.4	40	30.8
12-31-2033	1	0.0	0.0	0.6	0.0	1.5	3.0	197.2	1.2	122.6	50	19.4
12-31-2034	1	0.0	0.0	0.4	0.0	1.4	1.8	199.0	0.6	123.2		
12-31-2035	1	0.0	0.0	0.3	0.0	1.4	1.0	200.1	0.3	123.6		
12-31-2036	1	0.0	0.0	0.2	0.0	1.3	0.5	200.6	0.1	123.7		
12-31-2037	1	0.0	0.0	0.2	0.0	1.3	0.1	200.7	0.0	123.8		
12-31-2038	1	0.0	0.0	0.1	0.0	1.3	-0.2	200.5	0.0	123.7		
SUBTOTAL			0.0	35.9	63.7	28.8	200.5	200.5	123.7	123.7		
REMAINING			0.0	0.0	1.9	0.4	-2.0	-2.0	-0.4	123.3		
TOTAL OF 15.3 Y	RS		0.0	35.9	65.6	29.1	198.5	198.5	123.3	123.3		

Perfs: 0-0 CTB No:



Proj Oil Cum: 0.00 Mbbl Oil Rem: 363.10 Mbbl Oil EUR: 363.10 Mbbl Proj Gas Cum: 0.00 MMcf Gas Rem: 648.63 MMcf Gas EUR: 648.63 MMcf

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.012486 INITIAL REVENUE INTEREST: 0.010844

PHDWIN ID: 177

NAME: SUMMERFIELD TF2 LOC2

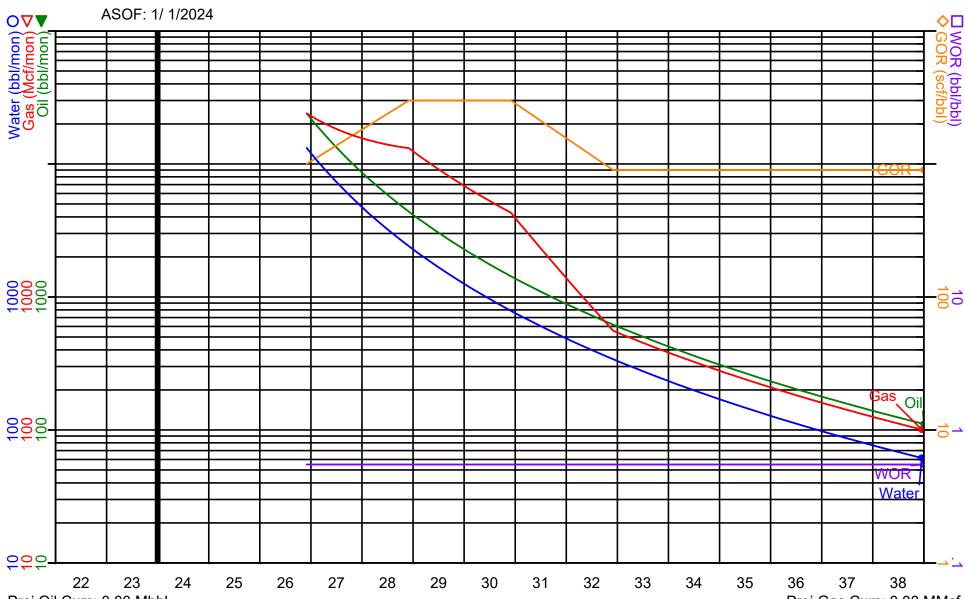
FIELD: BEAR CREEK
RESERVOIR: THREE FORKS 2
COUNTY, STATE: DUNN, ND

OPERATOR: ENERPLUS RESOURCES USA CORP

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	44.0	0.0	46.0	0.5	0.0	0.5	78.670	0.000	2.929	37.5	0.0	1.4	38.9
12-31-2027	154.4	0.0	216.2	1.7	0.0	2.2	78.670	0.000	2.929	131.7	0.0	6.5	138.2
12-31-2028	68.2	0.0	165.7	0.7	0.0	1.7	78.670	0.000	2.929	58.2	0.0	4.9	63.1
12-31-2029	35.3	0.0	105.9	0.4	0.0	1.1	78.670	0.000	2.929	30.1	0.0	3.2	33.3
12-31-2030	20.4	0.0	60.9	0.2	0.0	0.6	78.670	0.000	2.929	17.4	0.0	1.8	19.3
12-31-2031	12.8	0.0	26.7	0.1	0.0	0.3	78.670	0.000	2.929	10.9	0.0	0.8	11.7
12-31-2032	8.5	0.0	9.7	0.1	0.0	0.1	78.670	0.000	2.929	7.3	0.0	0.3	7.6
12-31-2033	5.9	0.0	5.3	0.1	0.0	0.1	78.670	0.000	2.929	5.0	0.0	0.2	5.2
12-31-2034	4.2	0.0	3.8	0.0	0.0	0.0	78.670	0.000	2.929	3.6	0.0	0.1	3.7
12-31-2035	3.1	0.0	2.8	0.0	0.0	0.0	78.670	0.000	2.929	2.7	0.0	0.1	2.8
12-31-2036	2.4	0.0	2.2	0.0	0.0	0.0	78.670	0.000	2.929	2.0	0.0	0.1	2.1
12-31-2037	1.9	0.0	1.7	0.0	0.0	0.0	78.670	0.000	2.929	1.6	0.0	0.0	1.6
12-31-2038	1.5	0.0	1.3	0.0	0.0	0.0	78.670	0.000	2.929	1.2	0.0	0.0	1.3
SUBTOTAL	362.6	0.0	648.2	3.9	0.0	6.6	78.670	0.000	2.929	309.3	0.0	19.4	328.7
REMAINING	0.5	0.0	0.4	0.0	0.0	0.0	78.670	0.000	2.929	0.4	0.0	0.0	0.4
TOTAL	363.1	0.0	648.6	3.9	0.0	6.6	78.670	0.000	2.929	309.8	0.0	19.4	329.1
CUM PROD	0.0	0.0	0.0										
ULTIMATE	363.1	0.0	648.6										

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	RTH PROFILE
ENDING _	COMPLET	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	198.5
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	155.6
12-31-2026	1	0.0	0.0	4.3	63.7	1.8	-30.9	-30.9	-25.5	-25.5	8	134.6
12-31-2027	1	0.0	0.0	15.2	0.0	7.0	116.0	85.1	82.2	56.6	10	122.3
12-31-2028	1	0.0	0.0	6.8	0.0	3.8	52.5	137.6	33.6	90.2	12	111.1
12-31-2029	1	0.0	0.0	3.5	0.0	2.6	27.2	164.8	15.7	106.0	15	96.3
12-31-2030	1	0.0	0.0	2.0	0.0	2.0	15.2	180.0	8.0	113.9	20	76.1
12-31-2031	1	0.0	0.0	1.3	0.0	1.7	8.7	188.7	4.1	118.1	30	47.6
12-31-2032	1	0.0	0.0	0.8	0.0	1.6	5.2	193.9	2.2	120.3	40	29.8
12-31-2033	1	0.0	0.0	0.6	0.0	1.5	3.1	197.0	1.2	121.5	50	18.6
12-31-2034	1	0.0	0.0	0.4	0.0	1.4	1.9	198.9	0.7	122.2		
12-31-2035	1	0.0	0.0	0.3	0.0	1.4	1.1	200.0	0.3	122.5		
12-31-2036	1	0.0	0.0	0.2	0.0	1.3	0.5	200.5	0.2	122.7		
12-31-2037	1	0.0	0.0	0.2	0.0	1.3	0.1	200.7	0.0	122.7		
12-31-2038	1	0.0	0.0	0.1	0.0	1.3	-0.2	200.5	0.0	122.7		
SUBTOTAL			0.0	35.8	63.7	28.7	200.5	200.5	122.7	122.7		
REMAINING			0.0	0.0	1.9	0.5	-2.0	-2.0	-0.4	122.3		
TOTAL OF 15.4 Y	RS		0.0	35.9	65.6	29.1	198.5	198.5	122.3	122.3		

Perfs: 0-0 CTB No:



Proj Oil Cum: 0.00 Mbbl Oil Rem: 363.10 Mbbl Oil EUR: 363.10 Mbbl Proj Gas Cum: 0.00 MMcf Gas Rem: 648.63 MMcf Gas EUR: 648.63 MMcf

# PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.012486 INITIAL REVENUE INTEREST : 0.010844

All estimates and exhibits are part of this report and subject to its parameters and conditions.

PHDWIN ID: 178

AS OF JANUARY 1, 2024

SUMMERFIELD TF2 LOC3 NAME: BEAR CREEK

FIELD: RESERVOIR: THREE FORKS 2 COUNTY, STATE:

DUNN, ND ENERPLUS RESOURCES USA CORP OPERATOR:

PERIOD	G	ROSS RESERVES		1	NET RESERVES		A'	VERAGE PRICES			GROSS RE	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	23.3	0.0	23.9	0.3	0.0	0.2	78.670	0.000	2.929	19.9	0.0	0.7	20.6
12-31-2027	166.9	0.0	223.1	1.8	0.0	2.3	78.670	0.000	2.929	142.3	0.0	6.7	149.0
12-31-2028	72.4	0.0	168.9	0.8	0.0	1.7	78.670	0.000	2.929	61.8	0.0	5.0	66.8
12-31-2029	37.1	0.0	111.2	0.4	0.0	1.1	78.670	0.000	2.929	31.6	0.0	3.3	34.9
12-31-2030	21.3	0.0	63.8	0.2	0.0	0.7	78.670	0.000	2.929	18.2	0.0	1.9	20.1
12-31-2031	13.3	0.0	29.1	0.1	0.0	0.3	78.670	0.000	2.929	11.3	0.0	0.9	12.2
12-31-2032	8.8	0.0	10.5	0.1	0.0	0.1	78.670	0.000	2.929	7.5	0.0	0.3	7.8
12-31-2033	6.1	0.0	5.5	0.1	0.0	0.1	78.670	0.000	2.929	5.2	0.0	0.2	5.3
12-31-2034	4.3	0.0	3.9	0.0	0.0	0.0	78.670	0.000	2.929	3.7	0.0	0.1	3.8
12-31-2035	3.2	0.0	2.9	0.0	0.0	0.0	78.670	0.000	2.929	2.7	0.0	0.1	2.8
12-31-2036	2.4	0.0	2.2	0.0	0.0	0.0	78.670	0.000	2.929	2.1	0.0	0.1	2.2
12-31-2037	1.9	0.0	1.7	0.0	0.0	0.0	78.670	0.000	2.929	1.6	0.0	0.1	1.7
12-31-2038	1.5	0.0	1.3	0.0	0.0	0.0	78.670	0.000	2.929	1.3	0.0	0.0	1.3
SUBTOTAL	362.5	0.0	648.1	3.9	0.0	6.6	78.670	0.000	2.929	309.3	0.0	19.4	328.6
REMAINING	0.6	0.0	0.5	0.0	0.0	0.0	78.670	0.000	2.929	0.5	0.0	0.0	0.5
TOTAL	363.1	0.0	648.6	3.9	0.0	6.6	78.670	0.000	2.929	309.8	0.0	19.4	329.1
CUM PROD	0.0	0.0	0.0										
ULTIMATE	363.1	0.0	648.6										

		_		NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	198.5
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	155.0
12-31-2026	1	0.0	0.0	2.3	63.7	1.0	-46.3	-46.3	-36.6	-36.6	8	133.7
12-31-2027	1	0.0	0.0	16.5	0.0	7.4	125.1	78.8	88.6	52.0	10	121.3
12-31-2028	1	0.0	0.0	7.2	0.0	4.0	55.7	134.5	35.6	87.6	12	110.0
12-31-2029	1	0.0	0.0	3.7	0.0	2.7	28.6	163.1	16.6	104.2	15	95.2
12-31-2030	1	0.0	0.0	2.1	0.0	2.1	15.9	179.0	8.3	112.5	20	74.8
12-31-2031	1	0.0	0.0	1.3	0.0	1.7	9.1	188.1	4.3	116.9	30	46.5
12-31-2032	1	0.0	0.0	0.9	0.0	1.6	5.4	193.5	2.3	119.2	40	28.9
12-31-2033	1	0.0	0.0	0.6	0.0	1.5	3.3	196.8	1.3	120.4	50	17.8
12-31-2034	1	0.0	0.0	0.4	0.0	1.4	2.0	198.8	0.7	121.1		
12-31-2035	1	0.0	0.0	0.3	0.0	1.4	1.2	199.9	0.4	121.5		
12-31-2036	1	0.0	0.0	0.2	0.0	1.3	0.6	200.5	0.2	121.7		
12-31-2037	1	0.0	0.0	0.2	0.0	1.3	0.2	200.7	0.0	121.7		
12-31-2038	1	0.0	0.0	0.1	0.0	1.3	-0.1	200.6	0.0	121.7		
SUBTOTAL			0.0	35.8	63.7	28.5	200.6	200.6	121.7	121.7		
REMAINING			0.0	0.1	1.9	0.6	-2.0	-2.0	-0.4	121.3		
TOTAL OF 15.5 Y	RS		0.0	35.9	65.6	29.1	198.5	198.5	121.3	121.3		

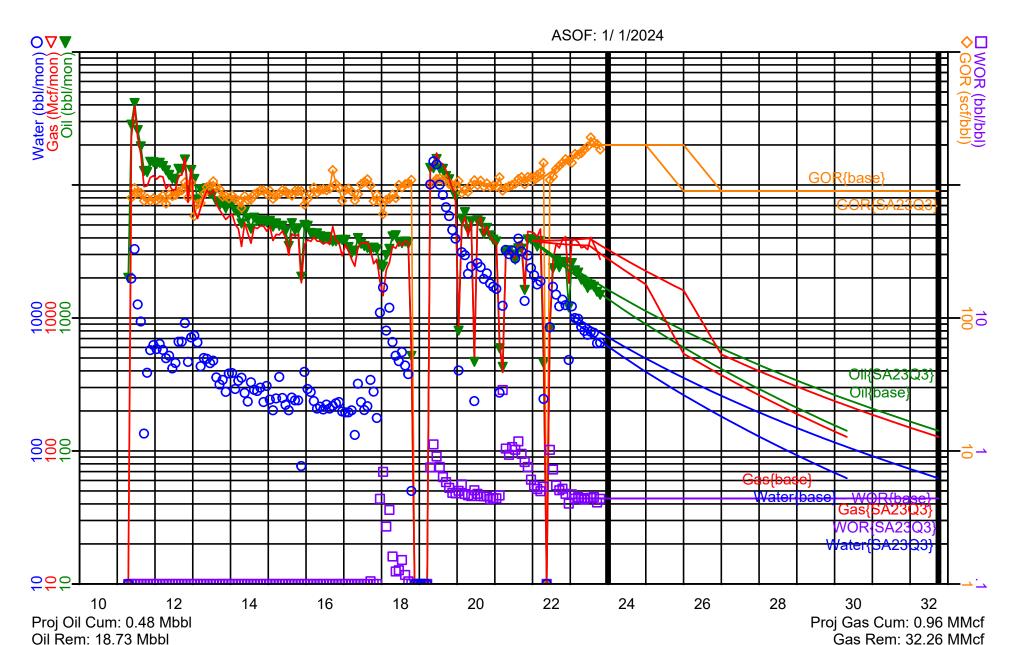
Case Name: iPB CARSON PEAK 3-35H

API Number: 33-025-01076 NDIC FILE No: 18859

Oil EUR: 19.21 Mbbl

Reservoir: THREE FORKS 1 Perfs: 11838-22065

CTB No: 118859



Gas EUR: 33.23 MMcf

## 1/25/2024 12:00:00AM

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

All estimates and exhibits are part of this report and subject to its parameters and conditions.

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070474 INITIAL REVENUE INTEREST :

PHDWIN ID: 62

NAME: FIELD:

IPB CARSON PEAK 3-35H

OAKDALE RESERVOIR: THREE FORKS 1 COUNTY, STATE: OPERATOR:

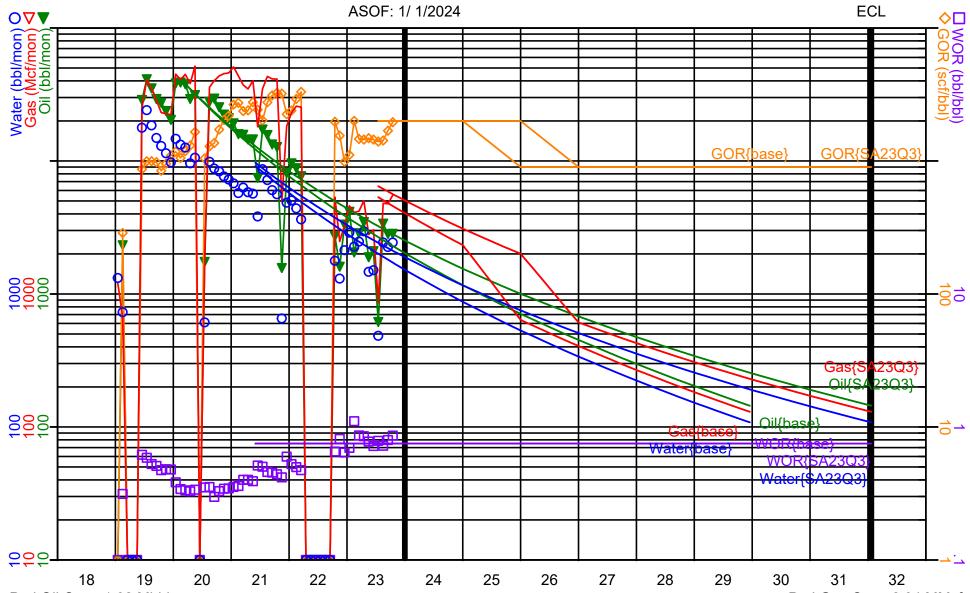
PERIOD	G	ROSS RESERVES		1	NET RESERVES		A	VERAGE PRICES	<u> </u>		GROSS RE	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	2.9	0.0	5.7	0.2	0.0	0.3	78.670	0.000	2.929	13.5	0.0	0.9	14.4
12-31-2025	2.6	0.0	10.4	0.2	0.0	0.6	78.670	0.000	2.929	12.4	0.0	1.7	14.1
12-31-2026	2.3	0.0	6.3	0.1	0.0	0.4	78.670	0.000	2.929	10.8	0.0	1.0	11.9
12-31-2027	2.0	0.0	1.8	0.1	0.0	0.1	78.670	0.000	2.929	9.3	0.0	0.3	9.6
12-31-2028	1.7	0.0	1.5	0.1	0.0	0.1	78.670	0.000	2.929	7.9	0.0	0.2	8.1
12-31-2029	1.4	0.0	1.3	0.1	0.0	0.1	78.670	0.000	2.929	6.6	0.0	0.2	6.8
12-31-2030	2.2	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	10.5	0.0	0.3	10.9
12-31-2031	2.2	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	10.5	0.0	0.3	10.8
12-31-2032	1.4	0.0	1.2	0.1	0.0	0.1	78.670	0.000	2.929	6.5	0.0	0.2	6.7
12-31-2033	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	18.7	0.0	32.3	1.1	0.0	1.8	78.670	0.000	2.929	88.0	0.0	5.3	93.3
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	18.7	0.0	32.3	1.1	0.0	1.8	78.670	0.000	2.929	88.0	0.0	5.3	93.3
CUM PROD	0.5	0.0	1.0										
ULTIMATE	19.2	0.0	33.2										

		_		NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	1.6	0.0	0.5	12.3	12.3	11.7	11.7	0	168.0
12-31-2025	0	0.0	0.0	1.4	0.0	0.5	12.1	24.5	10.4	22.1	5	154.8
12-31-2026	0	0.0	0.0	1.3	0.0	0.4	10.2	34.7	7.9	30.0	8	147.4
12-31-2027	0	0.0	0.0	1.1	0.0	0.4	8.1	42.8	5.7	35.8	10	142.8
12-31-2028	0	0.0	0.0	0.9	0.0	0.3	6.9	49.7	4.4	40.2	12	138.3
12-31-2029	0	0.0	0.0	0.8	0.0	0.3	5.8	55.5	3.3	43.5	15	132.0
12-31-2030	0	0.0	0.0	1.2	0.0	5.2	4.4	59.9	2.3	45.8	20	122.4
12-31-2031	1	0.1	0.0	1.2	-10.6	7.4	12.8	72.7	6.1	52.0	30	106.3
12-31-2032	1	0.1	0.0	0.7	0.0	5.4	0.5	73.2	0.2	52.2	40	93.7
12-31-2033	0	0.0	0.0	0.0	10.6	0.0	-10.6	62.6	-4.0	48.2	50	83.5
SUBTOTAL			0.0	10.2	0.0	20.5	62.6	62.6	48.2	48.2		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.2		
TOTAL OF 8.7 Y	RS		0.0	10.2	0.0	20.5	62.6	62.6	48.2	48.2		

Case Name: iPB CARSON PEAK 5-35H2

API Number: 33-025-03562 NDIC FILE No: 35273 Reservoir: THREE FORKS 2 Perfs: 11887-22156

CTB No: 235080



Proj Oil Cum: 1.02 Mbbl Oil Rem: 23.00 Mbbl Oil EUR: 24.02 Mbbl Proj Gas Cum: 2.04 MMcf Gas Rem: 42.36 MMcf Gas EUR: 44.39 MMcf

## 1/25/2024 12:00:00AM

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.069774 INITIAL REVENUE INTEREST: 0.059112

All estimates and exhibits are part of this report and subject to its parameters and conditions.

PHDWIN ID: 63

NAME : FIELD : IPB\_CARSON PEAK 5-35H2

FIELD : RESERVOIR : COUNTY, STATE : OAKDALE THREE FORKS 2 DUNN, ND

OPERATOR: CONTINENTAL RESOURCES

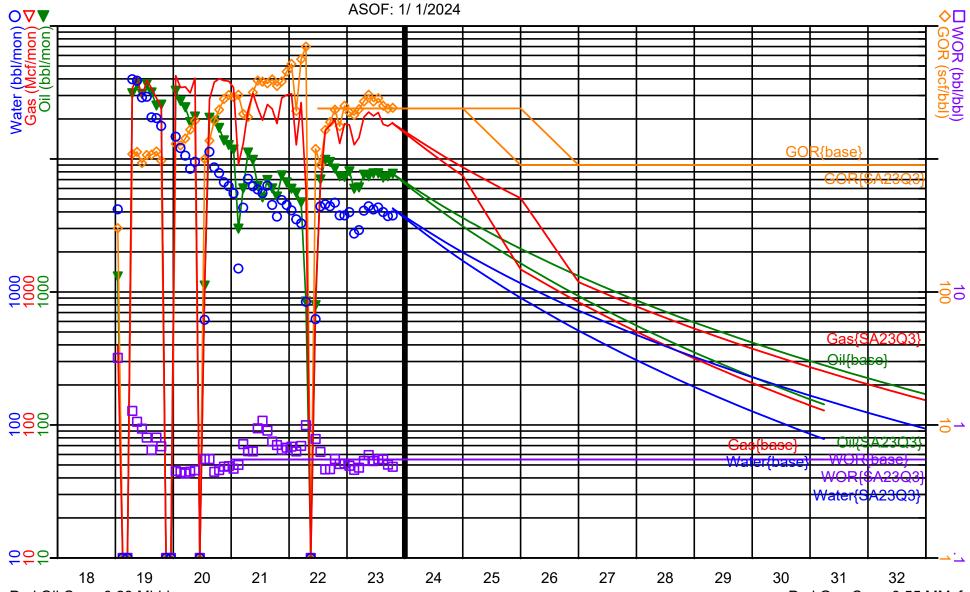
PERIOD	G	ROSS RESERVES		1	NET RESERVES		A	VERAGE PRICES	<u> </u>		GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	5.3	0.0	10.5	0.3	0.0	0.6	78.670	0.000	2.929	24.5	0.0	1.7	26.2
12-31-2025	4.0	0.0	14.4	0.2	0.0	0.8	78.670	0.000	2.929	18.8	0.0	2.3	21.1
12-31-2026	3.1	0.0	7.9	0.2	0.0	0.4	78.670	0.000	2.929	14.4	0.0	1.3	15.7
12-31-2027	2.4	0.0	2.2	0.1	0.0	0.1	78.670	0.000	2.929	11.2	0.0	0.4	11.5
12-31-2028	1.9	0.0	1.7	0.1	0.0	0.1	78.670	0.000	2.929	8.8	0.0	0.3	9.0
12-31-2029	1.6	0.0	1.4	0.1	0.0	0.1	78.670	0.000	2.929	7.3	0.0	0.2	7.5
12-31-2030	2.6	0.0	2.4	0.2	0.0	0.1	78.670	0.000	2.929	12.3	0.0	0.4	12.6
12-31-2031	2.0	0.0	1.8	0.1	0.0	0.1	78.670	0.000	2.929	9.3	0.0	0.3	9.6
12-31-2032	0.1	0.0	0.1	0.0	0.0	0.0	78.670	0.000	2.929	0.4	0.0	0.0	0.5
12-31-2033	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	23.0	0.0	42.4	1.4	0.0	2.4	78.670	0.000	2.929	106.9	0.0	6.9	113.8
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	23.0	0.0	42.4	1.4	0.0	2.4	78.670	0.000	2.929	106.9	0.0	6.9	113.8
CUM PROD	1.0	0.0	2.0										
ULTIMATE	24.0	0.0	44.4										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	2.8	0.0	1.4	22.0	22.0	20.9	20.9	0	216.6
12-31-2025	0	0.0	0.0	2.2	0.0	1.1	17.9	39.9	15.3	36.3	5	201.3
12-31-2026	0	0.0	0.0	1.7	0.0	0.8	13.2	53.1	10.3	46.6	8	192.8
12-31-2027	0	0.0	0.0	1.3	0.0	0.6	9.6	62.8	6.8	53.4	10	187.3
12-31-2028	0	0.0	0.0	1.0	0.0	0.5	7.6	70.3	4.8	58.2	12	182.2
12-31-2029	0	0.0	0.0	0.8	0.0	0.7	6.0	76.3	3.4	61.6	15	174.8
12-31-2030	1	0.1	0.0	1.4	-10.5	7.6	14.1	90.4	7.1	68.8	20	163.5
12-31-2031	1	0.1	0.0	1.1	0.0	7.5	1.1	91.4	0.5	69.3	30	144.2
12-31-2032	1	0.1	0.0	0.1	0.0	0.4	0.0	91.5	0.0	69.3	40	128.7
12-31-2033	0	0.0	0.0	0.0	10.5	0.0	-10.5	81.0	-4.2	65.0	50	116.0
SUBTOTAL			0.0	12.4	0.0	20.5	81.0	81.0	65.0	65.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.0		
TOTAL OF 8.1 Y	RS		0.0	12.4	0.0	20.5	81.0	81.0	65.0	65.0		

Case Name: iPB CARSON PEAK 6-35H1

API Number: 33-025-03524 NDIC FILE No: 35108 Reservoir: THREE FORKS 1 Perfs: 11877-26152

CTB No: 235080



Proj Oil Cum: 0.23 Mbbl Oil Rem: 33.88 Mbbl Oil EUR: 34.11 Mbbl Proj Gas Cum: 0.55 MMcf Gas Rem: 81.74 MMcf Gas EUR: 82.29 MMcf

## PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.050722 INITIAL REVENUE INTEREST :

PHDWIN ID: 64

AS OF JANUARY 1, 2024

NAME: FIELD:

OPERATOR:

IPB\_CARSON PEAK 6-35H1

RESERVOIR: COUNTY, STATE: OAKDALE THREE FORKS 1

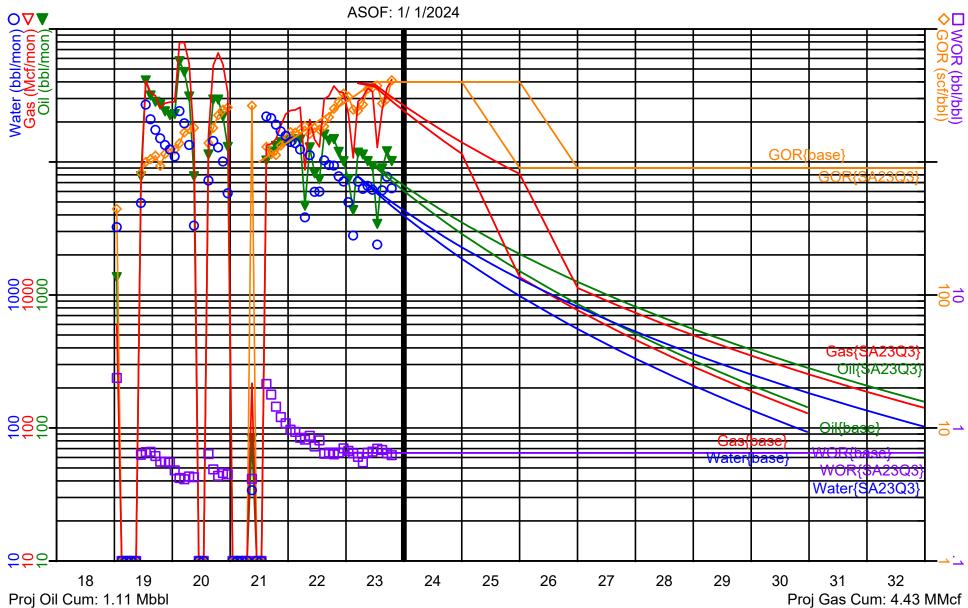
PERIOD	G	ROSS RESERVES		1	NET RESERVES		A'	VERAGE PRICES			GROSS RE	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	4.6	0.0	11.1	0.2	0.0	0.4	78.670	0.000	2.929	15.6	0.0	1.3	16.9
12-31-2025	5.9	0.0	35.8	0.3	0.0	1.4	78.670	0.000	2.929	19.9	0.0	4.2	24.1
12-31-2026	5.2	0.0	18.5	0.2	0.0	0.7	78.670	0.000	2.929	17.4	0.0	2.2	19.6
12-31-2027	4.1	0.0	3.7	0.2	0.0	0.2	78.670	0.000	2.929	14.0	0.0	0.4	14.4
12-31-2028	3.3	0.0	2.9	0.1	0.0	0.1	78.670	0.000	2.929	11.0	0.0	0.3	11.3
12-31-2029	2.5	0.0	2.3	0.1	0.0	0.1	78.670	0.000	2.929	8.6	0.0	0.3	8.8
12-31-2030	2.0	0.0	1.8	0.1	0.0	0.1	78.670	0.000	2.929	6.7	0.0	0.2	6.9
12-31-2031	2.7	0.0	2.4	0.1	0.0	0.1	78.670	0.000	2.929	9.2	0.0	0.3	9.5
12-31-2032	2.4	0.0	2.1	0.1	0.0	0.1	78.670	0.000	2.929	8.0	0.0	0.3	8.2
12-31-2033	1.3	0.0	1.1	0.1	0.0	0.0	78.670	0.000	2.929	4.3	0.0	0.1	4.4
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	33.9	0.0	81.7	1.5	0.0	3.3	78.670	0.000	2.929	114.5	0.0	9.7	124.2
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	33.9	0.0	81.7	1.5	0.0	3.3	78.670	0.000	2.929	114.5	0.0	9.7	124.2
CUM PROD	0.2	0.0	0.6										
ULTIMATE	34.1	0.0	82.3										

				NET DEDUCTIONS	E/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	FACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	1.8	0.0	0.7	14.4	14.4	13.5	13.5	0	407.2
12-31-2025	0	0.0	0.0	2.3	0.0	1.0	20.8	35.1	17.8	31.3	5	375.8
12-31-2026	0	0.0	0.0	2.0	0.0	0.8	16.8	51.9	13.1	44.4	8	358.9
12-31-2027	0	0.0	0.0	1.6	0.0	0.6	12.2	64.1	8.6	53.0	10	348.4
12-31-2028	0	0.0	0.0	1.3	0.0	0.5	9.6	73.7	6.1	59.1	12	338.4
12-31-2029	0	0.0	0.0	1.0	0.0	0.4	7.5	81.2	4.3	63.4	15	324.4
12-31-2030	0	0.0	0.0	0.8	0.0	0.3	5.8	87.0	3.1	66.5	20	303.2
12-31-2031	0	0.0	0.0	1.1	0.0	4.3	4.1	91.1	1.9	68.4	30	268.1
12-31-2032	1	0.0	0.0	0.9	-7.6	5.4	9.5	100.6	4.2	72.6	40	240.1
12-31-2033	1	0.0	0.0	0.5	0.0	3.6	0.4	101.0	0.1	72.8	50	217.5
12-31-2034	0	0.0	0.0	0.0	7.6	0.0	-7.6	93.4	-2.6	70.1		
SUBTOTAL			0.0	13.3	0.0	17.5	93.4	93.4	70.1	70.1		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.1		
TOTAL OF 9.7 YE	RS		0.0	13.3	0.0	17.5	93.4	93.4	70.1	70.1		

Case Name: iPB CARSON PEAK 7-35H

API Number: 33-025-03516 NDIC FILE No: 35080 Reservoir: MIDDLE BAKKEN Perfs: 11539-25248

CTB No: 235080



Oil Rem: 37.51 Mbbl Oil EUR: 38.62 Mbbl Proj Gas Cum: 4.43 MMcf Gas Rem: 148.30 MMcf Gas EUR: 152.73 MMcf

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

All estimates and exhibits are part of this report and subject to its parameters and conditions.

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.050722 INITIAL REVENUE INTEREST: 0.042971

PHDWIN ID: 65

NAME : FIELD : IPB\_CARSON PEAK 7-35H

OAKDALE MIDDLE BAKKEN

RESERVOIR : COUNTY, STATE : OPERATOR :

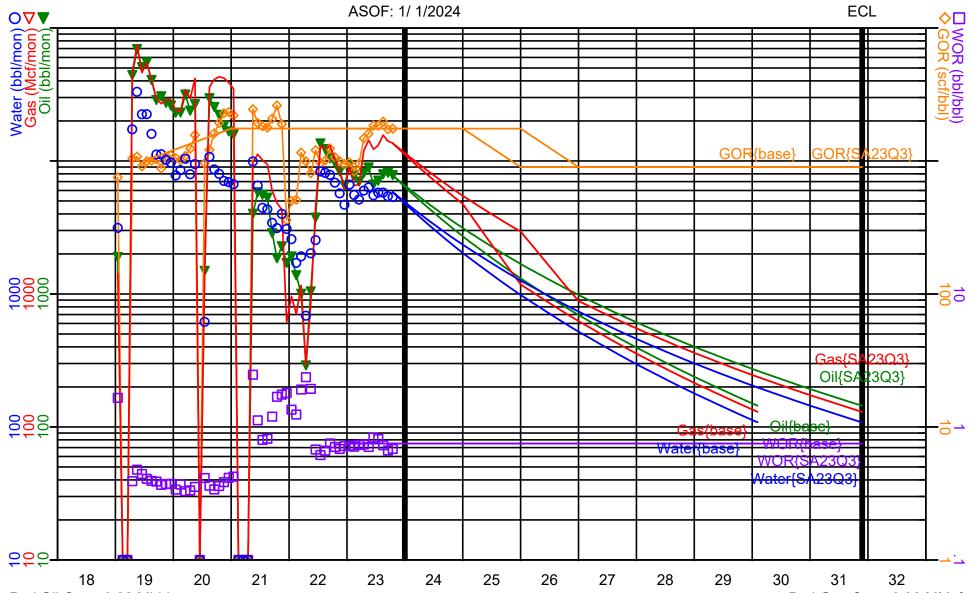
THEWIN ID.	03									TERATOR.	CONTINENT	AL KESOUKCES	
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	VENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	7.6	0.0	30.4	0.3	0.0	1.2	78.670	0.000	2.929	25.7	0.0	3.6	29.3
12-31-2025	6.9	0.0	72.2	0.3	0.0	2.9	78.670	0.000	2.929	23.4	0.0	8.5	32.0
12-31-2026	5.5	0.0	30.0	0.2	0.0	1.2	78.670	0.000	2.929	18.6	0.0	3.5	22.1
12-31-2027	4.2	0.0	3.8	0.2	0.0	0.2	78.670	0.000	2.929	14.2	0.0	0.4	14.7
12-31-2028	3.2	0.0	2.9	0.1	0.0	0.1	78.670	0.000	2.929	10.8	0.0	0.3	11.2
12-31-2029	2.4	0.0	2.2	0.1	0.0	0.1	78.670	0.000	2.929	8.3	0.0	0.3	8.5
12-31-2030	1.9	0.0	1.8	0.1	0.0	0.1	78.670	0.000	2.929	6.6	0.0	0.2	6.8
12-31-2031	2.9	0.0	2.6	0.1	0.0	0.1	78.670	0.000	2.929	9.8	0.0	0.3	10.1
12-31-2032	2.2	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	7.4	0.0	0.2	7.6
12-31-2033	0.6	0.0	0.5	0.0	0.0	0.0	78.670	0.000	2.929	2.0	0.0	0.1	2.1
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	37.5	0.0	148.3	1.6	0.0	6.0	78.670	0.000	2.929	126.8	0.0	17.5	144.3
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	37.5	0.0	148.3	1.6	0.0	6.0	78.670	0.000	2.929	126.8	0.0	17.5	144.3
CUM PROD	1.1	0.0	4.4										
ULTIMATE	38.6	0.0	152.7										

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	3.0	0.0	1.3	25.0	25.0	23.6	23.6	0	406.5
12-31-2025	0	0.0	0.0	2.8	0.0	1.4	27.8	52.7	23.8	47.5	5	376.7
12-31-2026	0	0.0	0.0	2.2	0.0	1.0	18.9	71.7	14.8	62.3	8	360.6
12-31-2027	0	0.0	0.0	1.6	0.0	0.7	12.3	84.0	8.7	70.9	10	350.5
12-31-2028	0	0.0	0.0	1.3	0.0	0.5	9.4	93.4	6.0	76.9	12	340.9
12-31-2029	0	0.0	0.0	1.0	0.0	0.4	7.2	100.6	4.1	81.1	15	327.3
12-31-2030	0	0.0	0.0	0.8	0.0	0.5	5.5	106.1	2.9	84.0	20	306.9
12-31-2031	1	0.0	0.0	1.1	-7.6	5.5	11.1	117.2	5.1	89.1	30	272.5
12-31-2032	1	0.0	0.0	0.8	0.0	5.4	1.3	118.5	0.6	89.6	40	245.0
12-31-2033	1	0.0	0.0	0.2	0.0	1.8	0.1	118.6	0.0	89.7	50	222.5
12-31-2034	0	0.0	0.0	0.0	7.6	0.0	-7.6	111.0	-2.7	86.9		
SUBTOTAL			0.0	14.8	0.0	18.5	111.0	111.0	86.9	86.9		
REMAINING			0.0			0.0	0.0	0.0	0.0	86.9		
	n.c			0.0	0.0				86.9	86.9 86.9		
TOTAL OF 9.3 YI	K5		0.0	14.8	0.0	18.5	111.0	111.0	86.9	86.9		

Case Name: iPB CARSON PEAK 8-35H2

API Number: 33-025-03517 NDIC FILE No: 35081 Reservoir: THREE FORKS 2 Perfs: 11678-25320

CTB No: 235080



Proj Oil Cum: 0.22 Mbbl Oil Rem: 24.27 Mbbl Oil EUR: 24.49 Mbbl Proj Gas Cum: 0.38 MMcf Gas Rem: 45.54 MMcf Gas EUR: 45.92 MMcf

## 1/25/2024 12:00:00AM

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.050722 INITIAL REVENUE INTEREST: 0.042971

PHDWIN ID: 268

IPB\_CARSON PEAK 8-35H2

FIELD: OAKDALE
RESERVOIR: THREE FORKS 2
COUNTY, STATE: DUNN, ND

OPERATOR:

NAME:

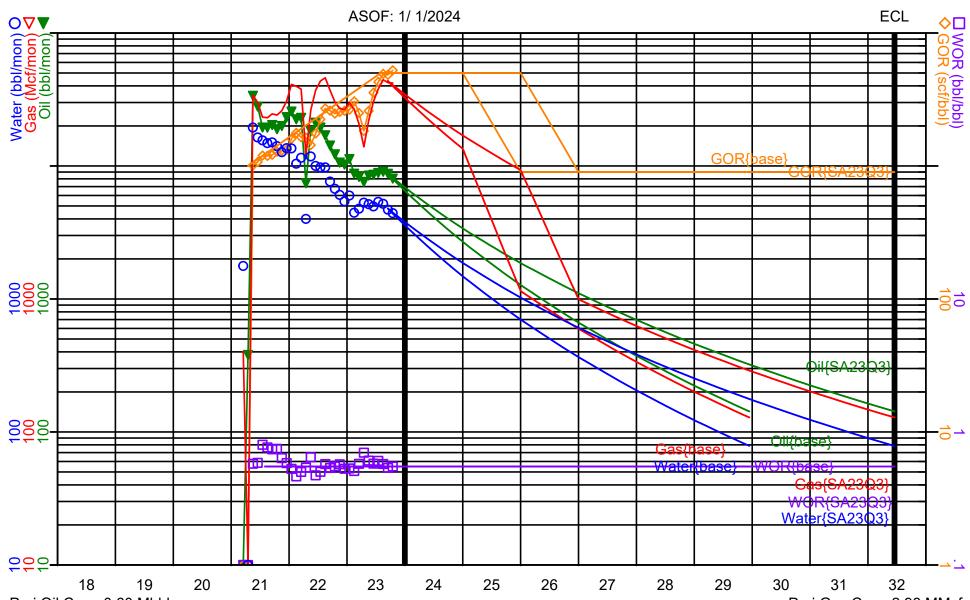
PERIOD	G	ROSS RESERVES		1	NET RESERVES		A	VERAGE PRICES			GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	4.1	0.0	7.2	0.2	0.0	0.3	78.670	0.000	2.929	13.9	0.0	0.9	14.8
12-31-2025	4.8	0.0	18.1	0.2	0.0	0.7	78.670	0.000	2.929	16.3	0.0	2.1	18.5
12-31-2026	4.0	0.0	10.0	0.2	0.0	0.4	78.670	0.000	2.929	13.4	0.0	1.2	14.6
12-31-2027	3.0	0.0	2.7	0.1	0.0	0.1	78.670	0.000	2.929	10.2	0.0	0.3	10.5
12-31-2028	2.3	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	7.7	0.0	0.2	7.9
12-31-2029	1.7	0.0	1.5	0.1	0.0	0.1	78.670	0.000	2.929	5.7	0.0	0.2	5.9
12-31-2030	2.6	0.0	2.3	0.1	0.0	0.1	78.670	0.000	2.929	8.8	0.0	0.3	9.0
12-31-2031	1.8	0.0	1.6	0.1	0.0	0.1	78.670	0.000	2.929	6.1	0.0	0.2	6.3
12-31-2032	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	24.3	0.0	45.5	1.0	0.0	1.8	78.670	0.000	2.929	82.1	0.0	5.4	87.4
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	24.3	0.0	45.5	1.0	0.0	1.8	78.670	0.000	2.929	82.1	0.0	5.4	87.4
CUM PROD	0.2	0.0	0.4										
ULTIMATE	24.5	0.0	45.9										

		_		NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTED	OAT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	1.6	0.0	0.8	12.4	12.4	11.7	11.7	0	317.1
12-31-2025	0	0.0	0.0	1.9	0.0	0.9	15.6	28.0	13.4	25.1	5	297.0
12-31-2026	0	0.0	0.0	1.6	0.0	0.7	12.3	40.3	9.6	34.6	8	285.9
12-31-2027	0	0.0	0.0	1.2	0.0	0.6	8.8	49.1	6.2	40.8	10	278.9
12-31-2028	0	0.0	0.0	0.9	0.0	0.4	6.6	55.7	4.2	45.0	12	272.1
12-31-2029	0	0.0	0.0	0.7	0.0	0.3	5.0	60.6	2.9	47.9	15	262.5
12-31-2030	0	0.0	0.0	1.0	0.0	5.1	3.0	63.6	1.6	49.5	20	247.8
12-31-2031	1	0.0	0.0	0.7	-7.6	4.9	8.3	71.9	4.1	53.6	30	222.5
12-31-2032	0	0.0	0.0	0.0	7.6	0.0	-7.6	64.3	-3.1	50.4	40	201.7
											50	184.5
SUBTOTAL			0.0	9.5	0.0	13.6	64.3	64.3	50.4	50.4		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.4		
TOTAL OF 7.9 Y	RS		0.0	9.5	0.0	13.6	64.3	64.3	50.4	50.4		

Case Name: iPB CARSON PEAK 9-35H

API Number: 33-025-03519 NDIC FILE No: 35083 Reservoir: MIDDLE BAKKEN

Perfs: 11629-25554 CTB No: 235080



Proj Oil Cum: 0.60 Mbbl Oil Rem: 38.18 Mbbl Oil EUR: 38.77 Mbbl Proj Gas Cum: 2.98 MMcf Gas Rem: 178.99 MMcf Gas EUR: 181.98 MMcf

## 1/25/2024 12:00:00AM

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

All estimates and exhibits are part of this report and subject to its parameters and conditions.

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST :

PHDWIN ID: 67

NAME: FIELD:

IPB CARSON PEAK 9-35H

OAKDALE RESERVOIR:

COUNTY, STATE: OPERATOR:

MIDDLE BAKKEN

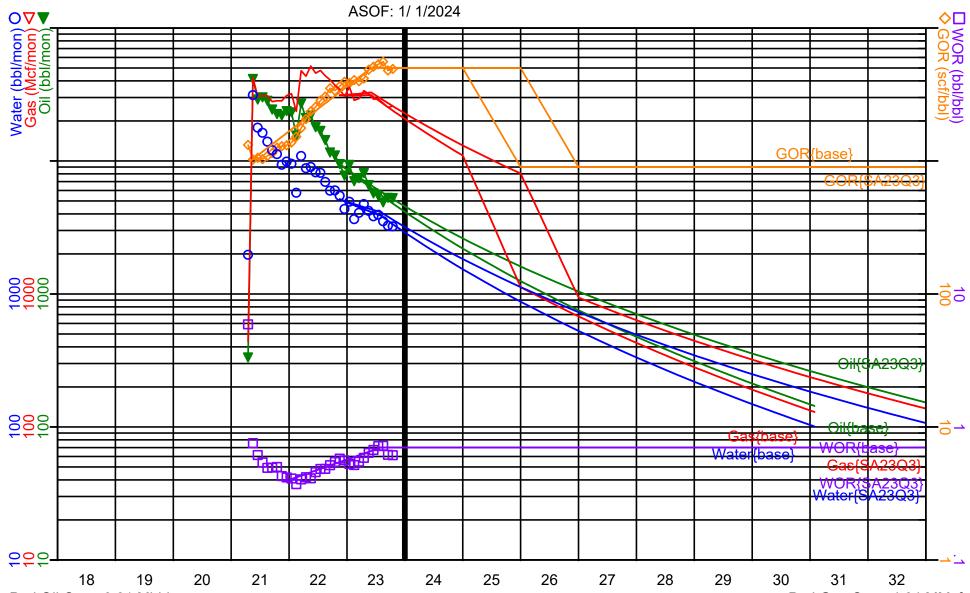
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES	<u> </u>		GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	7.5	0.0	37.3	0.4	0.0	2.1	78.670	0.000	2.929	34.8	0.0	6.1	40.9
12-31-2025	7.8	0.0	92.4	0.5	0.0	5.2	78.670	0.000	2.929	36.6	0.0	15.1	51.7
12-31-2026	6.1	0.0	34.3	0.4	0.0	1.9	78.670	0.000	2.929	28.7	0.0	5.6	34.3
12-31-2027	4.5	0.0	4.1	0.3	0.0	0.2	78.670	0.000	2.929	21.2	0.0	0.7	21.8
12-31-2028	3.3	0.0	3.0	0.2	0.0	0.2	78.670	0.000	2.929	15.6	0.0	0.5	16.0
12-31-2029	2.5	0.0	2.3	0.2	0.0	0.1	78.670	0.000	2.929	11.9	0.0	0.4	12.3
12-31-2030	3.2	0.0	2.9	0.2	0.0	0.2	78.670	0.000	2.929	14.9	0.0	0.5	15.4
12-31-2031	2.3	0.0	2.1	0.1	0.0	0.1	78.670	0.000	2.929	10.7	0.0	0.3	11.1
12-31-2032	0.8	0.0	0.8	0.0	0.0	0.0	78.670	0.000	2.929	3.9	0.0	0.1	4.0
12-31-2033	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	38.2	0.0	179.0	2.3	0.0	10.0	78.670	0.000	2.929	178.3	0.0	29.3	207.5
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	38.2	0.0	179.0	2.3	0.0	10.0	78.670	0.000	2.929	178.3	0.0	29.3	207.5
CUM PROD	0.6	0.0	3.0										
ULTIMATE	38.8	0.0	182.0										

		_		NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	4.1	0.0	1.7	35.1	35.1	33.2	33.2	0	540.8
12-31-2025	0	0.0	0.0	4.4	0.0	2.0	45.3	80.4	38.9	72.0	5	505.5
12-31-2026	0	0.0	0.0	3.4	0.0	1.4	29.5	109.9	23.0	95.1	8	486.0
12-31-2027	0	0.0	0.0	2.4	0.0	0.9	18.5	128.4	13.0	108.1	10	473.8
12-31-2028	0	0.0	0.0	1.8	0.0	0.7	13.6	142.0	8.7	116.7	12	462.0
12-31-2029	0	0.0	0.0	1.4	0.0	0.9	10.0	152.0	5.8	122.5	15	445.4
12-31-2030	1	0.1	0.0	1.7	-10.5	7.6	16.6	168.5	8.4	130.9	20	420.0
12-31-2031	1	0.1	0.0	1.2	0.0	7.5	2.4	170.9	1.1	132.1	30	376.6
12-31-2032	1	0.1	0.0	0.4	0.0	3.3	0.3	171.2	0.1	132.2	40	341.1
12-31-2033	0	0.0	0.0	0.0	10.5	0.0	-10.5	160.7	-4.1	128.1	50	311.7
				20.0	0.0	25.0	140.5	140 =	100.1	100.1		
SUBTOTAL			0.0	20.9	0.0	25.9	160.7	160.7	128.1	128.1		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	128.1		
TOTAL OF 8.5 Y	RS		0.0	20.9	0.0	25.9	160.7	160.7	128.1	128.1		

Case Name: iPB CARSON PEAK 10-35H1

API Number: 33-025-03520 NDIC FILE No: 35084 Reservoir: THREE FORKS 1 Perfs: 11671-25584

CTB No: 235080



Proj Oil Cum: 0.81 Mbbl Oil Rem: 27.93 Mbbl

Oil EUR: 28.74 Mbbl

Proj Gas Cum: 4.04 MMcf Gas Rem: 139.56 MMcf Gas EUR: 143.60 MMcf

## PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST :

PHDWIN ID: 68

AS OF JANUARY 1, 2024

NAME: FIELD:

IPB\_CARSON PEAK 10-35H1

RESERVOIR: COUNTY, STATE: OAKDALE THREE FORKS 1 DUNN, ND

OPERATOR:

CONTINENTAL RESOURCES

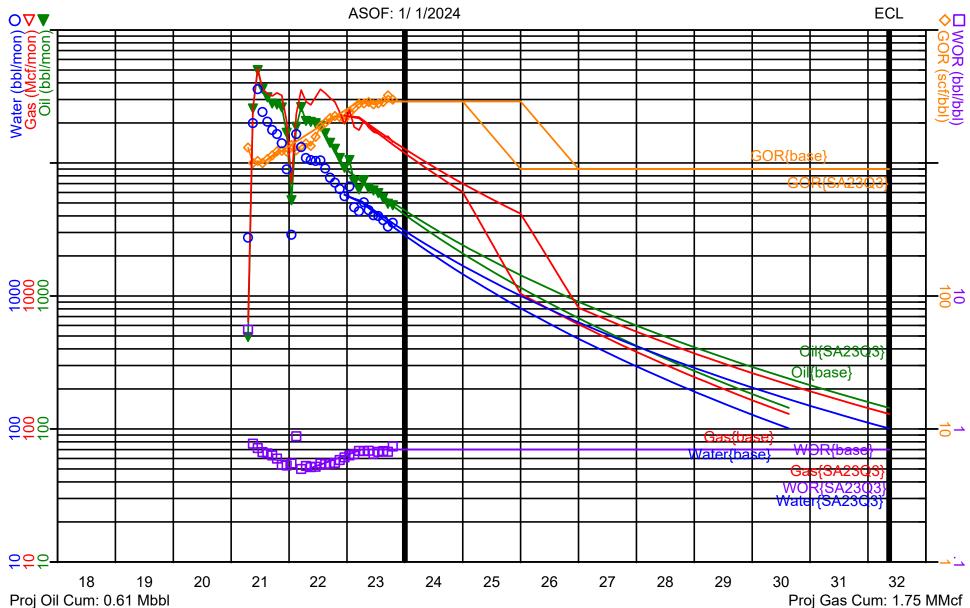
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	5.2	0.0	25.8	0.3	0.0	1.4	78.670	0.000	2.929	24.1	0.0	4.2	28.3
12-31-2025	4.7	0.0	72.0	0.3	0.0	4.0	78.670	0.000	2.929	22.0	0.0	11.8	33.8
12-31-2026	3.9	0.0	29.0	0.2	0.0	1.6	78.670	0.000	2.929	18.1	0.0	4.7	22.9
12-31-2027	3.1	0.0	2.8	0.2	0.0	0.2	78.670	0.000	2.929	14.5	0.0	0.5	14.9
12-31-2028	2.5	0.0	2.2	0.1	0.0	0.1	78.670	0.000	2.929	11.5	0.0	0.4	11.8
12-31-2029	1.9	0.0	1.7	0.1	0.0	0.1	78.670	0.000	2.929	9.1	0.0	0.3	9.4
12-31-2030	1.5	0.0	1.4	0.1	0.0	0.1	78.670	0.000	2.929	7.2	0.0	0.2	7.5
12-31-2031	2.6	0.0	2.4	0.2	0.0	0.1	78.670	0.000	2.929	12.2	0.0	0.4	12.6
12-31-2032	2.1	0.0	1.9	0.1	0.0	0.1	78.670	0.000	2.929	9.8	0.0	0.3	10.1
12-31-2033	0.4	0.0	0.4	0.0	0.0	0.0	78.670	0.000	2.929	2.0	0.0	0.1	2.0
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	27.9	0.0	139.6	1.7	0.0	7.8	78.670	0.000	2.929	130.4	0.0	22.8	153.2
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	27.9	0.0	139.6	1.7	0.0	7.8	78.670	0.000	2.929	130.4	0.0	22.8	153.2
CUM PROD	0.8	0.0	4.0										
ULTIMATE	28.7	0.0	143.6										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	2.8	0.0	1.3	24.1	24.1	22.9	22.9	0	429.8
12-31-2025	0	0.0	0.0	2.7	0.0	1.4	29.6	53.8	25.4	48.3	5	397.5
12-31-2026	0	0.0	0.0	2.2	0.0	1.1	19.7	73.4	15.4	63.6	8	379.9
12-31-2027	0	0.0	0.0	1.7	0.0	0.7	12.5	85.9	8.8	72.4	10	368.9
12-31-2028	0	0.0	0.0	1.3	0.0	0.6	9.9	95.9	6.3	78.8	12	358.4
12-31-2029	0	0.0	0.0	1.0	0.0	0.5	7.8	103.7	4.5	83.3	15	343.6
12-31-2030	0	0.0	0.0	0.8	0.0	0.4	6.3	110.0	3.3	86.6	20	321.3
12-31-2031	0	0.0	0.0	1.4	0.0	7.1	4.1	114.1	1.9	88.5	30	283.9
12-31-2032	1	0.1	0.0	1.1	-10.5	7.5	12.0	126.1	5.3	93.9	40	254.0
12-31-2033	1	0.1	0.0	0.2	0.0	1.7	0.1	126.1	0.0	93.9	50	229.8
12-31-2034	0	0.0	0.0	0.0	10.5	0.0	-10.5	115.6	-3.8	90.1		
SUBTOTAL			0.0	15.3	0.0	22.3	115.6	115.6	90.1	90.1		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	90.1		
TOTAL OF 9.2 YF	RS		0.0	15.3	0.0	22.3	115.6	115.6	90.1	90.1		

Case Name: iPB CARSON PEAK 11-35H2

API Number: 33-025-04056 NDIC FILE No: 37715 Reservoir: THREE FORKS 2 Perfs: 11658-21854

CTB No: 235080



Oil Rem: 21.00 Mbbl
Oil EUR: 21.61 Mbbl

Proj Gas Cum: 1.75 MMcf Gas Rem: 66.74 MMcf Gas EUR: 68.49 MMcf

## 1/25/2024 12:00:00AM

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST: 0.059351

PHDWIN ID: 69

NAME:

IPB\_CARSON PEAK 11-35H2

FIELD : RESERVOIR : COUNTY, STATE : OAKDALE THREE FORKS 2 DUNN, ND CONTINENTAL RESOURCES

OPERATOR: CONTINE

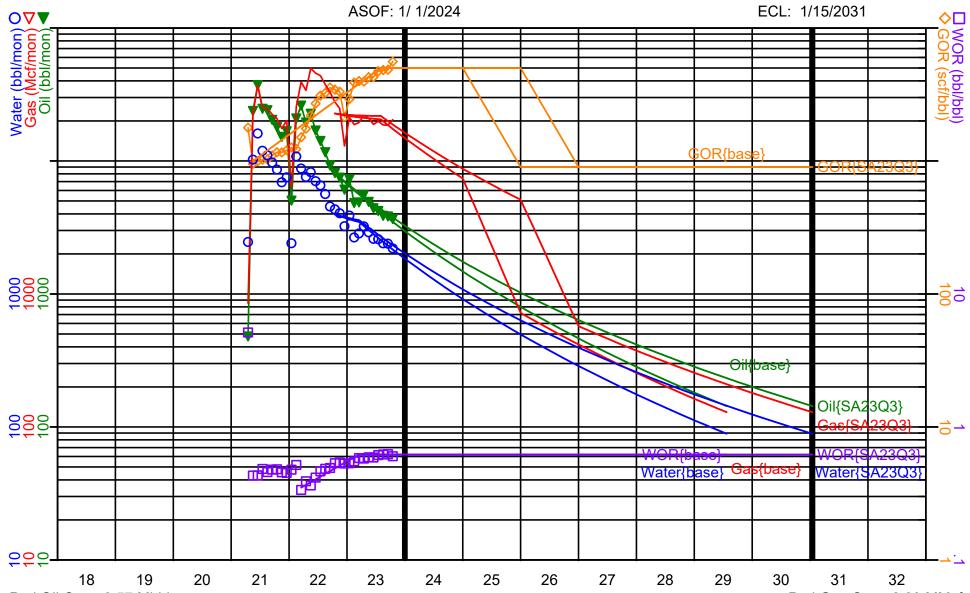
PERIOD	G	ROSS RESERVES		1	NET RESERVES		A	VERAGE PRICES	<u> </u>		GROSS RE	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	4.0	0.0	11.5	0.2	0.0	0.6	78.670	0.000	2.929	18.5	0.0	1.9	20.3
12-31-2025	3.6	0.0	31.1	0.2	0.0	1.7	78.670	0.000	2.929	17.0	0.0	5.1	22.1
12-31-2026	3.0	0.0	14.8	0.2	0.0	0.8	78.670	0.000	2.929	14.0	0.0	2.4	16.5
12-31-2027	2.4	0.0	2.1	0.1	0.0	0.1	78.670	0.000	2.929	11.2	0.0	0.4	11.5
12-31-2028	1.9	0.0	1.7	0.1	0.0	0.1	78.670	0.000	2.929	8.8	0.0	0.3	9.1
12-31-2029	1.5	0.0	1.3	0.1	0.0	0.1	78.670	0.000	2.929	6.9	0.0	0.2	7.1
12-31-2030	1.8	0.0	1.6	0.1	0.0	0.1	78.670	0.000	2.929	8.3	0.0	0.3	8.5
12-31-2031	2.2	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	10.3	0.0	0.3	10.7
12-31-2032	0.7	0.0	0.6	0.0	0.0	0.0	78.670	0.000	2.929	3.1	0.0	0.1	3.2
12-31-2033	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	21.0	0.0	66.7	1.2	0.0	3.7	78.670	0.000	2.929	98.1	0.0	10.9	109.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	21.0	0.0	66.7	1.2	0.0	3.7	78.670	0.000	2.929	98.1	0.0	10.9	109.0
CUM PROD	0.6	0.0	1.8										
ULTIMATE	21.6	0.0	68.5										

				NET DEDUCTIONS	E/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	2.1	0.0	1.0	17.2	17.2	16.3	16.3	0	357.5
12-31-2025	0	0.0	0.0	2.0	0.0	1.0	19.1	36.3	16.4	32.6	5	332.6
12-31-2026	0	0.0	0.0	1.6	0.0	0.8	14.0	50.3	10.9	43.6	8	318.9
12-31-2027	0	0.0	0.0	1.3	0.0	0.6	9.6	59.9	6.8	50.4	10	310.2
12-31-2028	0	0.0	0.0	1.0	0.0	0.5	7.6	67.5	4.9	55.2	12	302.0
12-31-2029	0	0.0	0.0	0.8	0.0	0.4	6.0	73.5	3.4	58.7	15	290.2
12-31-2030	0	0.0	0.0	1.0	0.0	3.1	4.5	78.0	2.4	61.0	20	272.3
12-31-2031	1	0.1	0.0	1.2	-10.5	7.5	12.5	90.5	5.9	66.9	30	242.0
12-31-2032	1	0.1	0.0	0.4	0.0	2.7	0.2	90.7	0.1	67.0	40	217.4
12-31-2033	0	0.0	0.0	0.0	10.5	0.0	-10.5	80.2	-4.1	62.8	50	197.3
SUBTOTAL			0.0	11.4	0.0	17.4	80.2	80.2	62.8	62.8		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.8		
TOTAL OF 8.4 YI	RS		0.0	11.4	0.0	17.4	80.2	80.2	62.8	62.8		

Case Name: iPB CARSON PEAK 12-35H1

API Number: 33-025-04057 NDIC FILE No: 37716 Reservoir: THREE FORKS 1 Perfs: 11597-21802

CTB No: 235080



Proj Oil Cum: 0.57 Mbbl Oil Rem: 15.91 Mbbl

Oil EUR: 16.48 Mbbl

Proj Gas Cum: 2.83 MMcf Gas Rem: 88.24 MMcf

Gas EUR: 91.07 MMcf

## 1/25/2024 12:00:00AM

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST :

PHDWIN ID: 70

NAME: FIELD:

IPB\_CARSON PEAK 12-35H1

RESERVOIR: COUNTY, STATE: OAKDALE THREE FORKS 1

OPERATOR:

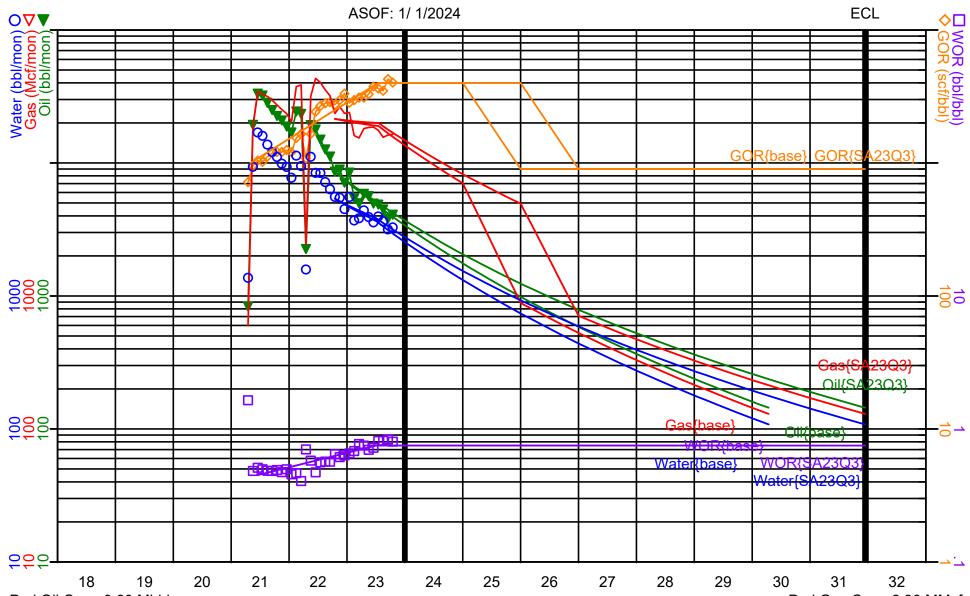
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
						WINCE	3/DDL	\$/GAL	\$/IVICF				
12-31-2024	3.4	0.0	17.2	0.2	0.0	1.0	78.670	0.000	2.929	16.1	0.0	2.8	18.9
12-31-2025	3.0	0.0	46.5	0.2	0.0	2.6	78.670	0.000	2.929	13.9	0.0	7.6	21.5
12-31-2026	2.4	0.0	18.1	0.1	0.0	1.0	78.670	0.000	2.929	11.0	0.0	3.0	14.0
12-31-2027	1.8	0.0	1.6	0.1	0.0	0.1	78.670	0.000	2.929	8.5	0.0	0.3	8.8
12-31-2028	1.4	0.0	1.3	0.1	0.0	0.1	78.670	0.000	2.929	6.6	0.0	0.2	6.8
12-31-2029	1.8	0.0	1.6	0.1	0.0	0.1	78.670	0.000	2.929	8.4	0.0	0.3	8.6
12-31-2030	2.0	0.0	1.8	0.1	0.0	0.1	78.670	0.000	2.929	9.6	0.0	0.3	9.9
12-31-2031	0.1	0.0	0.1	0.0	0.0	0.0	78.670	0.000	2.929	0.3	0.0	0.0	0.3
12-31-2032	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	15.9	0.0	88.2	0.9	0.0	4.9	78.670	0.000	2.929	74.3	0.0	14.4	88.7
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	15.9	0.0	88.2	0.9	0.0	4.9	78.670	0.000	2.929	74.3	0.0	14.4	88.7
CUM PROD	0.6	0.0	2.8										
ULTIMATE	16.5	0.0	91.1										

		_		NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	1.9	0.0	0.8	16.2	16.2	15.3	15.3	0	255.9
12-31-2025	0	0.0	0.0	1.7	0.0	0.9	18.9	35.1	16.2	31.5	5	241.0
12-31-2026	0	0.0	0.0	1.3	0.0	0.6	12.1	47.1	9.4	41.0	8	232.5
12-31-2027	0	0.0	0.0	1.0	0.0	0.4	7.4	54.5	5.2	46.2	10	227.1
12-31-2028	0	0.0	0.0	0.8	0.0	0.3	5.7	60.3	3.6	49.8	12	221.8
12-31-2029	0	0.0	0.0	1.0	0.0	3.5	4.1	64.4	2.4	52.2	15	214.3
12-31-2030	1	0.1	0.0	1.1	-10.5	7.4	11.8	76.2	6.2	58.4	20	202.6
12-31-2031	1	0.1	0.0	0.0	0.0	0.3	0.0	76.2	0.0	58.4	30	182.2
12-31-2032	0	0.0	0.0	0.0	10.5	0.0	-10.5	65.7	-4.7	53.7	40	165.1
											50	150.8
SUBTOTAL			0.0	8.7	0.0	14.3	65.7	65.7	53.7	53.7		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.7		
TOTAL OF 7.0 Y	/PS		0.0	8.7	0.0	14.3	65.7	65.7	53.7	53.7		

Case Name: iPB CARSON PEAK 13-35H

API Number: 33-025-04069 NDIC FILE No: 37794 Reservoir: MIDDLE BAKKEN Perfs: 11547-21311

CTB No: 235080



Proj Oil Cum: 0.60 Mbbl Oil Rem: 18.95 Mbbl Oil EUR: 19.55 Mbbl Proj Gas Cum: 2.38 MMcf Gas Rem: 82.44 MMcf Gas EUR: 84.83 MMcf

## 1/25/2024 12:00:00AM

PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST :

PHDWIN ID: 71

NAME: FIELD:

IPB\_CARSON PEAK 13-35H

RESERVOIR:

COUNTY, STATE:

OAKDALE MIDDLE BAKKEN

OPERATOR:

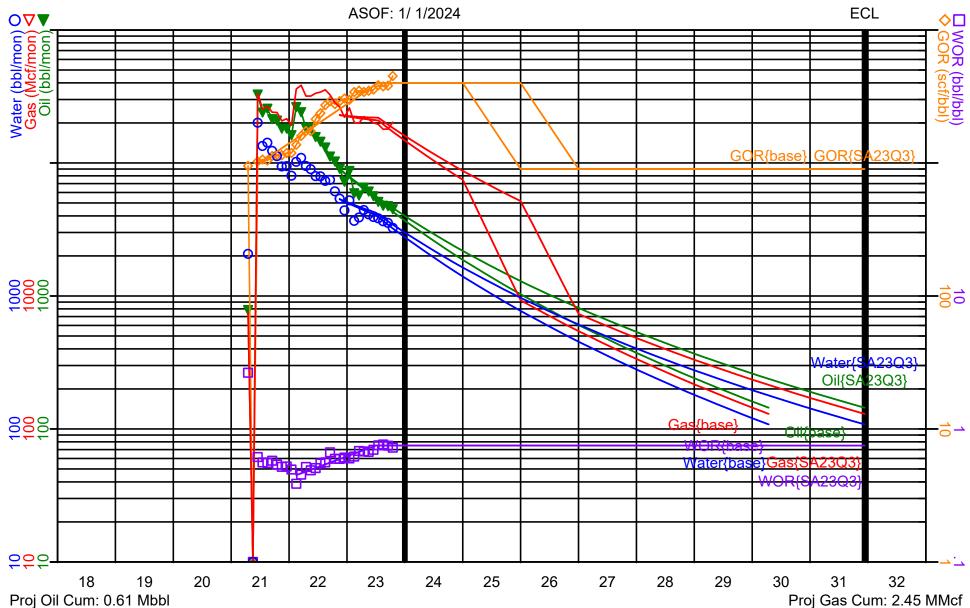
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	'ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	3.7	0.0	14.8	0.2	0.0	0.8	78.670	0.000	2.929	17.3	0.0	2.4	19.7
12-31-2025	3.3	0.0	41.5	0.2	0.0	2.3	78.670	0.000	2.929	15.5	0.0	6.8	22.3
12-31-2026	2.7	0.0	17.8	0.2	0.0	1.0	78.670	0.000	2.929	12.7	0.0	2.9	15.6
12-31-2027	2.1	0.0	1.9	0.1	0.0	0.1	78.670	0.000	2.929	10.0	0.0	0.3	10.3
12-31-2028	1.7	0.0	1.5	0.1	0.0	0.1	78.670	0.000	2.929	7.9	0.0	0.2	8.2
12-31-2029	1.3	0.0	1.2	0.1	0.0	0.1	78.670	0.000	2.929	6.2	0.0	0.2	6.4
12-31-2030	2.2	0.0	1.9	0.1	0.0	0.1	78.670	0.000	2.929	10.1	0.0	0.3	10.4
12-31-2031	1.9	0.0	1.7	0.1	0.0	0.1	78.670	0.000	2.929	8.8	0.0	0.3	9.1
12-31-2032	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	19.0	0.0	82.4	1.1	0.0	4.6	78.670	0.000	2.929	88.5	0.0	13.5	102.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	19.0	0.0	82.4	1.1	0.0	4.6	78.670	0.000	2.929	88.5	0.0	13.5	102.0
CUM PROD	0.6	0.0	2.4										
ULTIMATE	19.5	0.0	84.8										
			) III	T DEDITIONS (E)	VDENIDITIIDEG			FLIT	TIDE NET DELEN				

				NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	2.0	0.0	1.0	16.7	16.7	15.9	15.9	0	306.9
12-31-2025	0	0.0	0.0	1.9	0.0	1.0	19.4	36.1	16.6	32.5	5	286.5
12-31-2026	0	0.0	0.0	1.5	0.0	0.8	13.3	49.4	10.4	42.9	8	275.1
12-31-2027	0	0.0	0.0	1.2	0.0	0.5	8.6	58.1	6.1	49.0	10	268.0
12-31-2028	0	0.0	0.0	0.9	0.0	0.4	6.8	64.9	4.3	53.3	12	261.1
12-31-2029	0	0.0	0.0	0.7	0.0	0.3	5.4	70.3	3.1	56.4	15	251.2
12-31-2030	0	0.0	0.0	1.2	0.0	5.6	3.6	73.9	1.9	58.3	20	236.2
12-31-2031	1	0.1	0.0	1.0	-10.5	7.1	11.5	85.3	5.6	63.9	30	210.4
12-31-2032	0	0.0	0.0	0.0	10.5	0.0	-10.5	74.8	-4.3	59.5	40	189.4
											50	172.0
SUBTOTAL			0.0	10.4	0.0	16.8	74.8	74.8	59.5	59.5		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.5		
TOTAL OF 7.9 Y	RS		0.0	10.4	0.0	16.8	74.8	74.8	59.5	59.5		

Case Name: iPB CARSON PEAK 14-35HSL2

API Number: 33-025-04070 NDIC FILE No: 37795 Reservoir: THREE FORKS 2 Perfs: 11651-21855

CTB No: 235080



Oil Rem: 19.51 Mbbl Oil EUR: 20.12 Mbbl Proj Gas Cum: 2.45 MMcf Gas Rem: 85.99 MMcf Gas EUR: 88.44 MMcf

#### 1/25/2024 12:00:00AM PROJECTION OF RESERVES AND REVENUE

AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.035035 INITIAL REVENUE INTEREST : 0.029677

PHDWIN ID: 72

IPB CARSON PEAK 14-35HSL2

NAME: CORRAL CREEK FIELD: RESERVOIR: THREE FORKS 2 COUNTY, STATE: DUNN, ND

OPERATOR:

CONTINENTAL RESOURCES

G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
OIL	NGL	GAS	OIL	NGL	GAS	OIL ¢/ppi	NGL \$/CAL	GAS \$/MCE	OIL	NGL M\$	GAS	TOTAL M\$
					0.4	78.670	0.000	2.929				10.3
3.5	0.0	43.6	0.1	0.0	1.2	78.670	0.000	2.929	8.1	0.0	3.6	11.7
2.8	0.0	18.5	0.1	0.0	0.5	78.670	0.000	2.929	6.6	0.0	1.5	8.1
2.2	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	5.2	0.0	0.2	5.3
1.7	0.0	1.6	0.1	0.0	0.0	78.670	0.000	2.929	4.1	0.0	0.1	4.2
1.4	0.0	1.2	0.0	0.0	0.0	78.670	0.000	2.929	3.2	0.0	0.1	3.3
2.2	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	5.1	0.0	0.2	5.2
1.9	0.0	1.7	0.1	0.0	0.0	78.670	0.000	2.929	4.4	0.0	0.1	4.5
0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
19.5	0.0	86.0	0.6	0.0	2.4	78.670	0.000	2.929	45.5	0.0	7.0	52.6
0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
19.5	0.0	86.0	0.6	0.0	2.4	78.670	0.000	2.929	45.5	0.0	7.0	52.6
0.6	0.0	2.4										
20.1	0.0	88.4										
	OIL MBBL  3.9  3.5  2.8  2.2  1.7  1.4  2.2  1.9  0.0  19.5  0.0  19.5  0.6	MBBL MGAL  3.9 0.0 3.5 0.0 2.8 0.0 1.7 0.0 1.4 0.0 2.2 0.0 1.9 0.0 0.0 0.0 19.5 0.0 0.6 0.0	OIL MBBL         NGL MGAL         GAS MMCF           3.9         0.0         15.5           3.5         0.0         43.6           2.8         0.0         18.5           2.2         0.0         2.0           1.7         0.0         1.6           1.4         0.0         1.2           2.2         0.0         2.0           1.9         0.0         1.7           0.0         0.0         0.0           0.0         0.0         0.0           19.5         0.0         86.0           0.0         0.0         2.4	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL           3.9         0.0         15.5         0.1           3.5         0.0         43.6         0.1           2.8         0.0         18.5         0.1           2.2         0.0         2.0         0.1           1.7         0.0         1.6         0.1           1.4         0.0         1.2         0.0           2.2         0.0         2.0         0.1           1.9         0.0         1.7         0.1           0.0         0.0         0.0         0.0           0.0         0.0         0.0         0.0           19.5         0.0         86.0         0.6           0.6         0.0         2.4	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL           3.9         0.0         15.5         0.1         0.0           3.5         0.0         43.6         0.1         0.0           2.8         0.0         18.5         0.1         0.0           2.2         0.0         2.0         0.1         0.0           1.7         0.0         1.6         0.1         0.0           1.4         0.0         1.2         0.0         0.0           2.2         0.0         2.0         0.1         0.0           1.9         0.0         1.7         0.1         0.0           0.0         0.0         0.0         0.0         0.0           0.0         0.0         0.0         0.0         0.0           19.5         0.0         86.0         0.6         0.0           0.6         0.0         2.4         0.6         0.0	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF           3.9         0.0         15.5         0.1         0.0         0.4           3.5         0.0         43.6         0.1         0.0         0.5           2.8         0.0         18.5         0.1         0.0         0.5           2.2         0.0         2.0         0.1         0.0         0.1           1.7         0.0         1.6         0.1         0.0         0.0           2.2         0.0         2.0         0.1         0.0         0.0           2.2         0.0         2.0         0.1         0.0         0.1           1.9         0.0         1.7         0.1         0.0         0.0           0.0         0.0         0.0         0.0         0.0         0.0           0.0         0.0         0.0         0.0         0.0         0.0           0.0         0.0         0.0         0.0         0.0         0.0           0.0         0.0         0.0         0.0         0.0         0.0           0.0         0.0         0.0         0.0         0.0	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL \$\scrib*BBL           3.9         0.0         15.5         0.1         0.0         0.4         78.670           3.5         0.0         43.6         0.1         0.0         0.5         78.670           2.8         0.0         18.5         0.1         0.0         0.5         78.670           2.2         0.0         2.0         0.1         0.0         0.1         78.670           1.7         0.0         1.6         0.1         0.0         0.0         78.670           1.4         0.0         1.2         0.0         0.0         0.0         0.0         78.670           2.2         0.0         2.0         0.1         0.0         0.0         0.1         78.670           1.9         0.0         1.7         0.1         0.0         0.0         78.670           1.9         0.0         0.0         0.0         0.0         0.0         0.0         0.0           0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0           0.0         0.0         0.	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/GAL         NGL S/BBL         NGL S/BBL         NGL S/GAL           3.9         0.0         15.5         0.1         0.0         0.4         78.670         0.000           3.5         0.0         43.6         0.1         0.0         1.2         78.670         0.000           2.8         0.0         18.5         0.1         0.0         0.5         78.670         0.000           2.2         0.0         2.0         0.1         0.0         0.1         78.670         0.000           1.7         0.0         1.6         0.1         0.0         0.0         78.670         0.000           1.4         0.0         1.2         0.0         0.0         0.0         78.670         0.000           2.2         0.0         2.0         0.1         0.0         0.0         78.670         0.000           1.9         0.0         1.7         0.1         0.0         0.0         78.670         0.000           0.0         0.0         0.0         0.0         0.0         78.670         0.000           0.0         0.0	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         S/BBL S/GAL         S/MCF           3.9         0.0         15.5         0.1         0.0         0.4         78.670         0.000         2.929           3.5         0.0         43.6         0.1         0.0         0.5         78.670         0.000         2.929           2.8         0.0         18.5         0.1         0.0         0.5         78.670         0.000         2.929           2.2         0.0         2.0         0.1         0.0         0.1         78.670         0.000         2.929           1.7         0.0         1.6         0.1         0.0         0.1         78.670         0.000         2.929           1.4         0.0         1.2         0.0         0.0         0.0         78.670         0.000         2.929           2.2         0.0         2.0         0.1         0.0         0.0         78.670         0.000         2.929           1.4         0.0         1.2         0.0         0.1         0.0         0.1         78.670         0.000         2.929           1.9         0.0         1.7         0.1	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/BBL         NGL S/BBL         S/GAL S/MCF         OIL MS           3.9         0.0         15.5         0.1         0.0         0.4         78.670         0.000         2.929         9.0           3.5         0.0         43.6         0.1         0.0         0.5         78.670         0.000         2.929         8.1           2.8         0.0         18.5         0.1         0.0         0.5         78.670         0.000         2.929         6.6           2.2         0.0         2.0         0.1         0.0         0.1         78.670         0.000         2.929         5.2           1.7         0.0         1.6         0.1         0.0         0.0         78.670         0.000         2.929         3.2           2.2         0.0         2.0         0.1         0.0         0.0         78.670         0.000         2.929         3.2           1.7         0.0         1.2         0.0         0.0         0.0         78.670         0.000         2.929         3.2           1.9         0.0         1.7         0.1         0.	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MBBL         GAS MMCF         OIL MGAL SIMCF         NGL MS         NGL MS	OIL MBBL         NGL MGAL         GAS MBBL         OIL MGAL         NGL MGAL         GAS MMCF         OIL SIBBL         NGL SIBL SIGAL         GAS SIMCF         OIL MS         NGL MS         GAS MS           3.9         0.0         15.5         0.1         0.0         0.4         78.670         0.000         2.929         9.0         0.0         1.3           3.5         0.0         43.6         0.1         0.0         0.5         78.670         0.000         2.929         8.1         0.0         3.6           2.8         0.0         18.5         0.1         0.0         0.5         78.670         0.000         2.929         6.6         0.0         1.5           2.2         0.0         2.0         0.1         0.0         0.1         78.670         0.000         2.929         5.2         0.0         0.2           1.7         0.0         1.6         0.1         0.0         0.0         78.670         0.000         2.929         3.2         0.0         0.1           1.4         0.0         1.2         0.0         0.0         0.0         78.670         0.000         2.929         5.1         0.0         0.0           1.9 <t< td=""></t<>

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	INTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	1.1	0.0	0.5	8.7	8.7	8.3	8.3	0	162.9
12-31-2025	0	0.0	0.0	1.0	0.0	0.5	10.2	18.9	8.7	17.0	5	152.1
12-31-2026	0	0.0	0.0	0.8	0.0	0.4	6.9	25.8	5.4	22.4	8	146.2
12-31-2027	0	0.0	0.0	0.6	0.0	0.3	4.5	30.3	3.1	25.5	10	142.4
12-31-2028	0	0.0	0.0	0.5	0.0	0.2	3.5	33.8	2.2	27.7	12	138.8
12-31-2029	0	0.0	0.0	0.4	0.0	0.2	2.7	36.5	1.6	29.3	15	133.6
12-31-2030	0	0.0	0.0	0.6	0.0	2.8	1.8	38.3	1.0	30.3	20	125.7
12-31-2031	1	0.0	0.0	0.5	-5.3	3.5	5.7	44.1	2.8	33.1	30	112.1
12-31-2032	0	0.0	0.0	0.0	5.3	0.0	-5.3	38.8	-2.2	30.9	40	101.0
											50	91.9
SUBTOTAL			0.0	5.3	0.0	8.4	38.8	38.8	30.9	30.9		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.9		
TOTAL OF 7.9 Y	/RS		0.0	5.3	0.0	8.4	38.8	38.8	30.9	30.9		

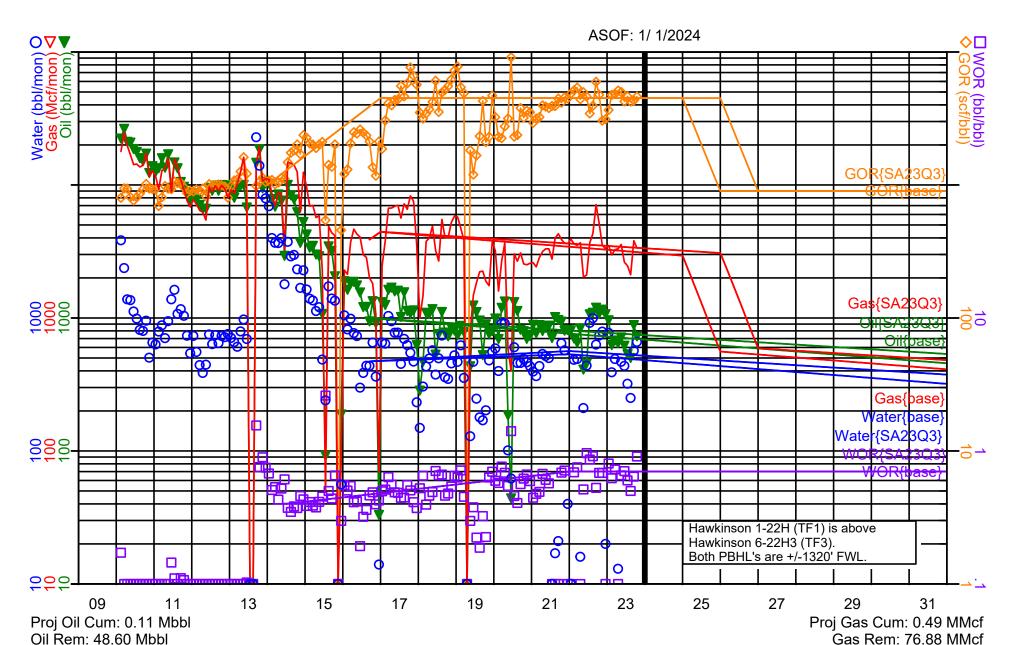
Case Name: iPB HAWKINSON 1-22H

API Number: 33-025-00962 NDIC FILE No: 18275

Oil EUR: 48.71 Mbbl

Reservoir: THREE FORKS 1 Perfs: 11556-20850

CTB No: 224223



Gas EUR: 77.37 MMcf

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.100588 INITIAL REVENUE INTEREST :

PHDWIN ID: 95

IPB HAWKINSON 1-22H OAKDALE

FIELD: RESERVOIR: COUNTY, STATE:

NAME:

THREE FORKS 1

DUNN, ND CONTINENTAL RESOURCES OPERATOR:

PERIOD	G	ROSS RESERVES			NET RESERVES		A'	VERAGE PRICES			GROSS RE	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.7	0.0	3.1	0.1	0.0	0.2	78.670	0.000	2.929	4.6	0.0	0.7	5.3
12-31-2025	0.7	0.0	20.5	0.1	0.0	1.6	78.670	0.000	2.929	4.9	0.0	4.8	9.7
12-31-2026	0.8	0.0	11.6	0.1	0.0	0.9	78.670	0.000	2.929	5.2	0.0	2.7	7.9
12-31-2027	0.8	0.0	0.7	0.1	0.0	0.1	78.670	0.000	2.929	5.5	0.0	0.2	5.7
12-31-2028	0.9	0.0	0.8	0.1	0.0	0.1	78.670	0.000	2.929	5.7	0.0	0.2	5.9
12-31-2029	0.9	0.0	0.8	0.1	0.0	0.1	78.670	0.000	2.929	5.9	0.0	0.2	6.1
12-31-2030	0.9	0.0	0.8	0.1	0.0	0.1	78.670	0.000	2.929	6.1	0.0	0.2	6.3
12-31-2031	0.9	0.0	0.8	0.1	0.0	0.1	78.670	0.000	2.929	6.2	0.0	0.2	6.4
12-31-2032	1.0	0.0	0.9	0.1	0.0	0.1	78.670	0.000	2.929	6.4	0.0	0.2	6.6
12-31-2033	1.0	0.0	0.9	0.1	0.0	0.1	78.670	0.000	2.929	6.5	0.0	0.2	6.7
12-31-2034	1.0	0.0	0.9	0.1	0.0	0.1	78.670	0.000	2.929	6.5	0.0	0.2	6.8
12-31-2035	1.0	0.0	0.9	0.1	0.0	0.1	78.670	0.000	2.929	6.6	0.0	0.2	6.8
12-31-2036	1.0	0.0	0.9	0.1	0.0	0.1	78.670	0.000	2.929	6.7	0.0	0.2	6.9
12-31-2037	1.0	0.0	0.9	0.1	0.0	0.1	78.670	0.000	2.929	6.7	0.0	0.2	6.9
12-31-2038	1.0	0.0	0.9	0.1	0.0	0.1	78.670	0.000	2.929	6.7	0.0	0.2	6.9
SUBTOTAL	13.6	0.0	45.4	1.1	0.0	3.6	78.670	0.000	2.929	90.2	0.0	10.5	100.7
REMAINING	35.0	0.0	31.5	3.0	0.0	2.5	78.670	0.000	2.929	232.7	0.0	7.3	240.1
TOTAL	48.6	0.0	76.9	4.1	0.0	6.1	78.670	0.000	2.929	322.9	0.0	17.9	340.8
CUM PROD	0.1	0.0	0.5										
ULTIMATE	48.7	0.0	77.4										

		_		NET DEDUCTIONS/	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE .	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	INTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.5	0.0	0.3	4.5	4.5	4.2	4.2	0	608.4
12-31-2025	0	0.0	0.0	0.6	0.0	0.4	8.6	13.1	7.4	11.6	5	387.7
12-31-2026	0	0.0	0.0	0.6	0.0	0.3	6.9	20.0	5.4	17.0	8	313.4
12-31-2027	0	0.0	0.0	0.6	0.0	0.3	4.7	24.8	3.3	20.4	10	277.2
12-31-2028	0	0.0	0.0	0.7	0.0	0.3	5.0	29.7	3.2	23.5	12	248.2
12-31-2029	0	0.0	0.0	0.7	0.0	0.3	5.1	34.8	2.9	26.5	15	214.4
12-31-2030	0	0.0	0.0	0.7	0.0	0.3	5.3	40.1	2.7	29.2	20	174.8
12-31-2031	0	0.0	0.0	0.7	0.0	0.3	5.4	45.5	2.5	31.7	30	127.9
12-31-2032	0	0.0	0.0	0.7	0.0	0.3	5.5	51.0	2.4	34.1	40	101.2
12-31-2033	0	0.0	0.0	0.7	0.0	0.3	5.6	56.6	2.2	36.3	50	83.8
12-31-2034	0	0.0	0.0	0.8	0.0	0.3	5.7	62.3	2.0	38.2		
12-31-2035	0	0.0	0.0	0.8	0.0	0.3	5.7	68.0	1.8	40.1		
12-31-2036	0	0.0	0.0	0.8	0.0	0.3	5.8	73.8	1.7	41.7		
12-31-2037	0	0.0	0.0	0.8	0.0	0.3	5.8	79.5	1.5	43.2		
12-31-2038	0	0.0	0.0	0.8	0.0	0.3	5.8	85.3	1.4	44.6		
SUBTOTAL			0.0	10.5	0.0	4.9	85.3	85.3	44.6	44.6		
REMAINING			0.0	26.9	0.0	108.8	104.4	104.4	10.9	55.5		
TOTAL OF 39.9 YI	RS		0.0	37.4	0.0	113.7	189.7	189.7	55.5	55.5		

E279

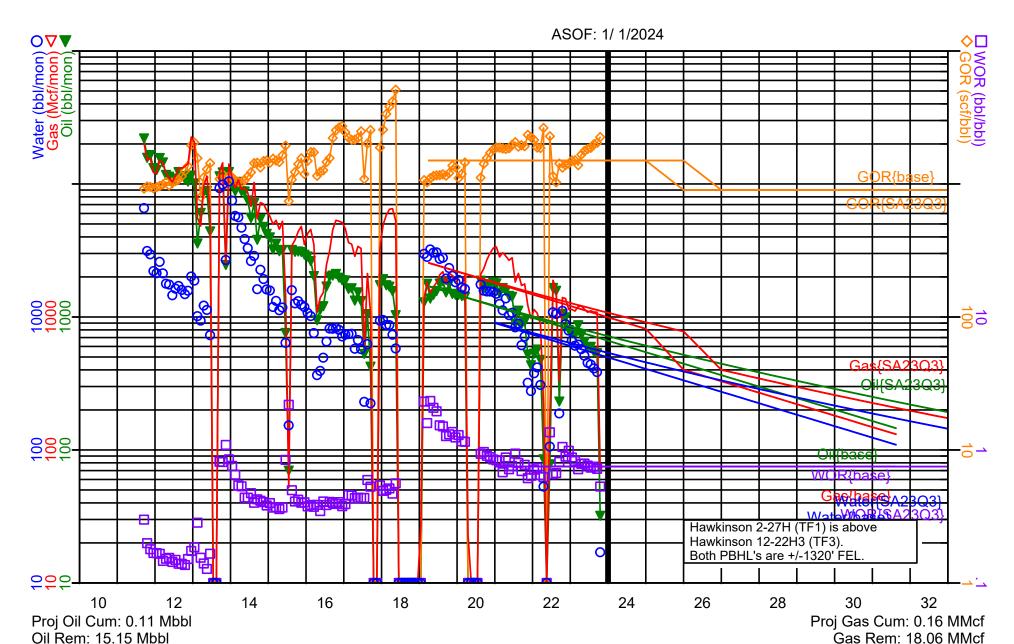
Case Name: iPB HAWKINSON 2-27H

API Number: 33-025-01258 NDIC FILE No: 20208

Oil EUR: 15.26 Mbbl

Reservoir: THREE FORKS 1 Perfs: 11556-21910

CTB No: 120208



E280

Gas EUR: 18.22 MMcf

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.060948 INITIAL REVENUE INTEREST: 0.051169

PHDWIN ID: 73

NAME: FIELD:

IPB HAWKINSON 2-27H

OAKDALE RESERVOIR:THREE FORKS 1 COUNTY, STATE: DUNN, ND

OPERATOR: CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.7	0.0	1.1	0.0	0.0	0.1	78.670	0.000	2.929	2.9	0.0	0.2	3.1
12-31-2025	0.8	0.0	3.1	0.0	0.0	0.1	78.670	0.000	2.929	3.4	0.0	0.4	3.8
12-31-2026	0.9	0.0	2.5	0.0	0.0	0.1	78.670	0.000	2.929	3.7	0.0	0.3	4.0
12-31-2027	1.0	0.0	0.9	0.1	0.0	0.0	78.670	0.000	2.929	3.9	0.0	0.1	4.1
12-31-2028	1.0	0.0	0.9	0.1	0.0	0.0	78.670	0.000	2.929	4.1	0.0	0.1	4.2
12-31-2029	1.0	0.0	0.9	0.1	0.0	0.0	78.670	0.000	2.929	4.2	0.0	0.1	4.3
12-31-2030	1.0	0.0	0.9	0.1	0.0	0.0	78.670	0.000	2.929	4.2	0.0	0.1	4.3
12-31-2031	1.7	0.0	1.5	0.1	0.0	0.1	78.670	0.000	2.929	6.7	0.0	0.2	6.9
12-31-2032	2.5	0.0	2.2	0.1	0.0	0.1	78.670	0.000	2.929	10.0	0.0	0.3	10.3
12-31-2033	2.2	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	8.7	0.0	0.3	9.0
12-31-2034	1.9	0.0	1.7	0.1	0.0	0.1	78.670	0.000	2.929	7.7	0.0	0.2	7.9
12-31-2035	0.4	0.0	0.4	0.0	0.0	0.0	78.670	0.000	2.929	1.6	0.0	0.1	1.7
12-31-2036	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	15.1	0.0	18.1	0.8	0.0	0.9	78.670	0.000	2.929	61.0	0.0	2.5	63.5
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	15.1	0.0	18.1	0.8	0.0	0.9	78.670	0.000	2.929	61.0	0.0	2.5	63.5
CUM PROD	0.1	0.0	0.2										
ULTIMATE	15.3	0.0	18.2										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	FACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.3	0.0	0.2	2.6	2.6	2.4	2.4	0	84.9
12-31-2025	0	0.0	0.0	0.4	0.0	0.2	3.2	5.8	2.7	5.2	5	76.1
12-31-2026	0	0.0	0.0	0.4	0.0	0.2	3.4	9.2	2.6	7.8	8	71.2
12-31-2027	0	0.0	0.0	0.5	0.0	0.2	3.4	12.6	2.4	10.2	10	68.2
12-31-2028	0	0.0	0.0	0.5	0.0	0.2	3.5	16.1	2.2	12.5	12	65.3
12-31-2029	0	0.0	0.0	0.5	0.0	0.2	3.6	19.7	2.1	14.5	15	61.2
12-31-2030	0	0.0	0.0	0.5	0.0	0.2	3.6	23.3	1.9	16.4	20	55.3
12-31-2031	0	0.0	0.0	0.8	0.0	2.7	3.4	26.7	1.6	18.0	30	45.8
12-31-2032	1	0.1	0.0	1.1	-9.1	6.6	11.6	38.3	4.9	22.9	40	38.9
12-31-2033	1	0.1	0.0	1.0	0.0	6.5	1.4	39.8	0.6	23.5	50	33.7
12-31-2034	1	0.1	0.0	0.9	0.0	6.5	0.6	40.3	0.2	23.7		
12-31-2035	1	0.1	0.0	0.2	0.0	1.5	0.0	40.4	0.0	23.7		
12-31-2036	0	0.0	0.0	0.0	9.1	0.0	-9.1	31.2	-2.7	21.0		
SUBTOTAL			0.0	7.0	0.0	25.3	31.2	31.2	21.0	21.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0		
TOTAL OF 11.2 Y	RS		0.0	7.0	0.0	25.3	31.2	31.2	21.0	21.0		

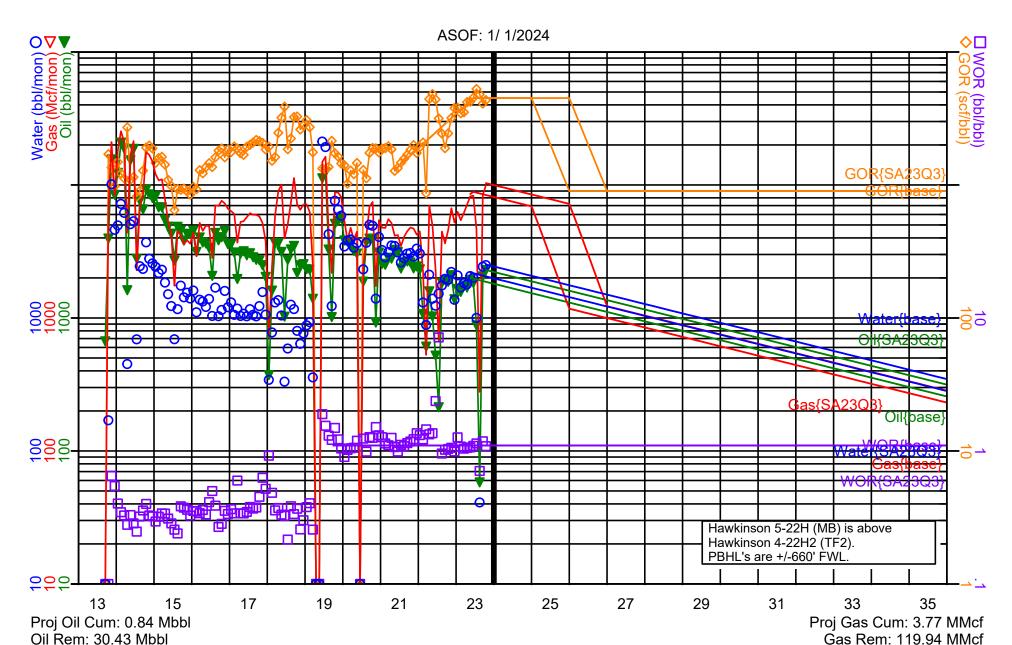
Case Name: iPB HAWKINSON 4-22H2

API Number: 33-025-01953 NDIC FILE No: 24223

Oil EUR: 31.27 Mbbl

Reservoir: THREE FORKS 2 Perfs: 11663-21093

CTB No: 224223



E282

Gas EUR: 123.71 MMcf

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.147030 INITIAL REVENUE INTEREST: 0.123434

PHDWIN ID: 96

IPB\_HAWKINSON 4-22H2

FIELD: OAKDALE
RESERVOIR: THREE FORKS 2
COUNTY, STATE: DUNN, ND

OPERATOR:

NAME:

PERIOD	G	ROSS RESERVES		1	NET RESERVES		A'	VERAGE PRICES	<u> </u>		GROSS RE	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	4.6	0.0	20.6	0.6	0.0	2.4	78.670	0.000	2.929	44.4	0.0	7.0	51.4
12-31-2025	3.9	0.0	55.0	0.5	0.0	6.4	78.670	0.000	2.929	37.6	0.0	18.7	56.3
12-31-2026	3.3	0.0	27.5	0.4	0.0	3.2	78.670	0.000	2.929	32.0	0.0	9.3	41.3
12-31-2027	2.8	0.0	2.5	0.3	0.0	0.3	78.670	0.000	2.929	27.2	0.0	0.9	28.1
12-31-2028	2.4	0.0	2.1	0.3	0.0	0.2	78.670	0.000	2.929	23.2	0.0	0.7	23.9
12-31-2029	2.0	0.0	1.8	0.2	0.0	0.2	78.670	0.000	2.929	19.6	0.0	0.6	20.3
12-31-2030	1.7	0.0	1.5	0.2	0.0	0.2	78.670	0.000	2.929	16.7	0.0	0.5	17.2
12-31-2031	1.5	0.0	1.3	0.2	0.0	0.2	78.670	0.000	2.929	14.2	0.0	0.4	14.6
12-31-2032	1.2	0.0	1.1	0.2	0.0	0.1	78.670	0.000	2.929	12.1	0.0	0.4	12.5
12-31-2033	1.1	0.0	1.0	0.1	0.0	0.1	78.670	0.000	2.929	10.3	0.0	0.3	10.6
12-31-2034	0.9	0.0	0.8	0.1	0.0	0.1	78.670	0.000	2.929	8.7	0.0	0.3	9.0
12-31-2035	0.8	0.0	0.7	0.1	0.0	0.1	78.670	0.000	2.929	7.4	0.0	0.2	7.6
12-31-2036	0.7	0.0	0.6	0.1	0.0	0.1	78.670	0.000	2.929	6.3	0.0	0.2	6.5
12-31-2037	0.6	0.0	0.5	0.1	0.0	0.1	78.670	0.000	2.929	5.4	0.0	0.2	5.5
12-31-2038	0.5	0.0	0.4	0.1	0.0	0.0	78.670	0.000	2.929	4.6	0.0	0.1	4.7
SUBTOTAL	27.8	0.0	117.5	3.4	0.0	13.6	78.670	0.000	2.929	269.7	0.0	40.0	309.6
REMAINING	2.7	0.0	2.4	0.3	0.0	0.3	78.670	0.000	2.929	25.8	0.0	0.8	26.7
TOTAL	30.4	0.0	119.9	3.8	0.0	13.9	78.670	0.000	2.929	295.5	0.0	40.8	336.3
CUM PROD	0.8	0.0	3.8										
ULTIMATE	31.3	0.0	123.7										

		_		NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	ΓIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	5.2	0.0	3.4	42.8	42.8	40.6	40.6	0	1,046.4
12-31-2025	0	0.0	0.0	4.6	0.0	3.2	48.5	91.3	41.6	82.2	5	877.2
12-31-2026	0	0.0	0.0	3.8	0.0	2.6	35.0	126.3	27.3	109.5	8	796.4
12-31-2027	0	0.0	0.0	3.1	0.0	2.0	22.9	149.2	16.1	125.7	10	749.6
12-31-2028	0	0.0	0.0	2.7	0.0	1.7	19.5	168.8	12.5	138.1	12	707.4
12-31-2029	0	0.0	0.0	2.3	0.0	1.4	16.6	185.4	9.6	147.7	15	651.7
12-31-2030	0	0.0	0.0	1.9	0.0	1.2	14.1	199.5	7.4	155.0	20	575.2
12-31-2031	0	0.0	0.0	1.6	0.0	1.0	12.0	211.4	5.7	160.7	30	464.5
12-31-2032	0	0.0	0.0	1.4	0.0	0.9	10.2	221.6	4.4	165.0	40	389.1
12-31-2033	0	0.0	0.0	1.2	0.0	0.7	8.6	230.3	3.3	168.4	50	334.6
12-31-2034	0	0.0	0.0	1.0	0.0	0.6	7.4	237.6	2.6	171.0		
12-31-2035	0	0.0	0.0	0.9	0.0	0.5	6.3	243.9	2.0	173.0		
12-31-2036	0	0.0	0.0	0.7	0.0	0.5	5.3	249.2	1.5	174.5		
12-31-2037	0	0.0	0.0	0.6	0.0	0.4	4.5	253.7	1.2	175.7		
12-31-2038	0	0.0	0.0	0.5	0.0	0.3	3.8	257.6	0.9	176.6		
SUBTOTAL			0.0	31.6	0.0	20.5	257.6	257.6	176.6	176.6		
REMAINING			0.0	3.0	0.0	20.4	3.3	3.3	1.2	177.8		
TOTAL OF 16.6 Y	RS		0.0	34.5	0.0	40.9	260.8	260.8	177.8	177.8		

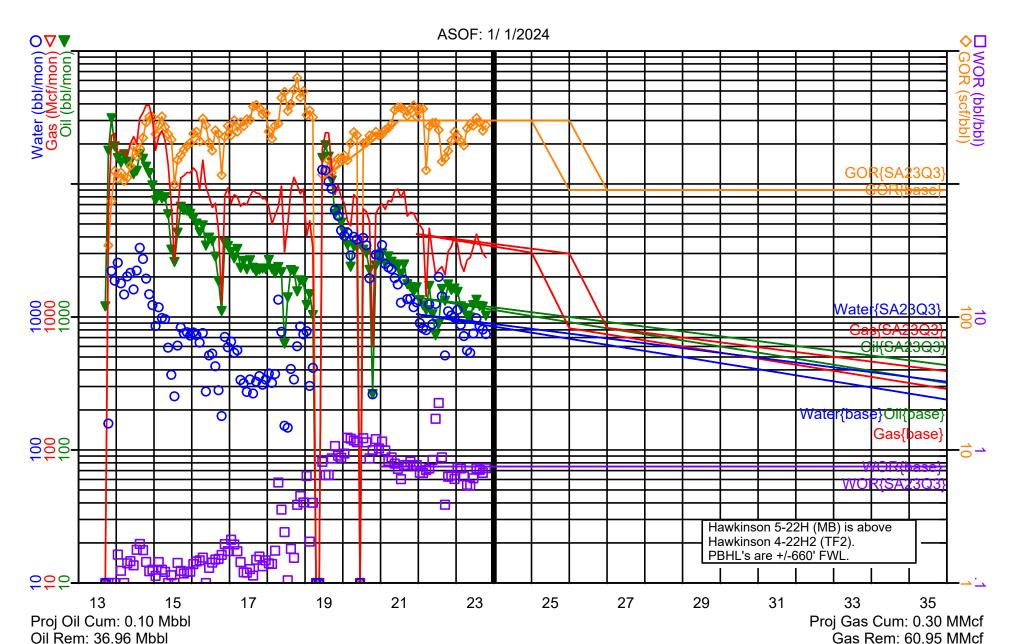
Case Name: iPB HAWKINSON 5-22H

API Number: 33-025-01954 NDIC FILE No: 24224

Oil EUR: 37.06 Mbbl

Reservoir: MIDDLE BAKKEN

Perfs: 11435-21032 CTB No: 224223



Gas EUR: 61.26 MMcf

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.126645 INITIAL REVENUE INTEREST: 0.105917

PHDWIN ID: 75

IPB\_HAWKINSON 5-22H

FIELD: OAKDALE
RESERVOIR: MIDDLE BAKKEN

COUNTY, STATE :

NAME:

DUNN, ND CONTINENTAL RESOURCES

OPERATOR: CONTINE

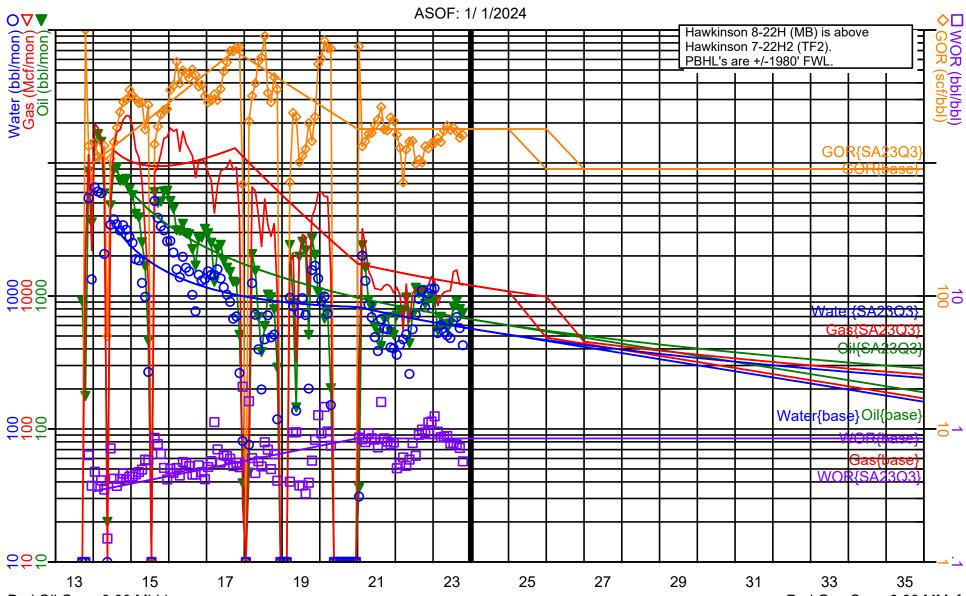
G	ROSS RESERVES		1	NET RESERVES		A'	VERAGE PRICES	<u> </u>		GROSS REV	VENUE	
OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
0.7	0.0	2.2	0.1	0.0	0.2	78.670	0.000	2.929	6.2	0.0	0.6	6.8
0.9	0.0	17.1	0.1	0.0	1.7	78.670	0.000	2.929	7.8	0.0	5.0	12.8
1.1	0.0	10.9	0.1	0.0	1.1	78.670	0.000	2.929	9.1	0.0	3.2	12.3
1.2	0.0	1.1	0.1	0.0	0.1	78.670	0.000	2.929	10.1	0.0	0.3	10.4
1.3	0.0	1.2	0.1	0.0	0.1	78.670	0.000	2.929	10.9	0.0	0.3	11.2
1.4	0.0	1.2	0.1	0.0	0.1	78.670	0.000	2.929	11.4	0.0	0.4	11.7
1.4	0.0	1.3	0.1	0.0	0.1	78.670	0.000	2.929	11.7	0.0	0.4	12.1
1.4	0.0	1.3	0.2	0.0	0.1	78.670	0.000	2.929	11.9	0.0	0.4	12.3
1.4	0.0	1.3	0.2	0.0	0.1	78.670	0.000	2.929	12.0	0.0	0.4	12.4
1.4	0.0	1.3	0.2	0.0	0.1	78.670	0.000	2.929	12.0	0.0	0.4	12.3
1.4	0.0	1.3	0.2	0.0	0.1	78.670	0.000	2.929	11.8	0.0	0.4	12.2
1.4	0.0	1.3	0.1	0.0	0.1	78.670	0.000	2.929	11.6	0.0	0.4	12.0
1.4	0.0	1.2	0.1	0.0	0.1	78.670	0.000	2.929	11.4	0.0	0.4	11.8
1.3	0.0	1.2	0.1	0.0	0.1	78.670	0.000	2.929	11.1	0.0	0.3	11.4
1.3	0.0	1.2	0.1	0.0	0.1	78.670	0.000	2.929	10.7	0.0	0.3	11.1
19.2	0.0	45.0	2.0	0.0	4.5	78.670	0.000	2.929	159.8	0.0	13.1	172.9
17.8	0.0	16.0	1.9	0.0	1.6	78.670	0.000	2.929	148.2	0.0	4.7	152.8
37.0	0.0	61.0	3.9	0.0	6.1	78.670	0.000	2.929	308.0	0.0	17.8	325.7
0.1	0.0	0.3										
37.1	0.0	61.3										
	OIL MBBL  0.7 0.9 1.1 1.2 1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.3 1.3 1.3 1.9 19.2 17.8 37.0 0.1	MBBL MGAL  0.7 0.0  0.9 0.0  1.1 0.0  1.2 0.0  1.3 0.0  1.4 0.0  1.4 0.0  1.4 0.0  1.4 0.0  1.4 0.0  1.4 0.0  1.4 0.0  1.5 0.0  1.7 0.0  1.8 0.0  1.9 0.0  1.9 0.0  1.9 0.0  1.9 0.0  1.9 0.0  1.9 0.0  1.9 0.0  1.0 0.0  1.0 0.0	OIL MBBL         NGL MGAL         GAS MMCF           0.7         0.0         2.2           0.9         0.0         17.1           1.1         0.0         10.9           1.2         0.0         1.1           1.3         0.0         1.2           1.4         0.0         1.3           1.4         0.0         1.3           1.4         0.0         1.3           1.4         0.0         1.3           1.4         0.0         1.3           1.4         0.0         1.3           1.4         0.0         1.3           1.4         0.0         1.2           1.3         0.0         1.2           1.3         0.0         1.2           1.3         0.0         1.2           1.3         0.0         1.2           1.3         0.0         1.2           1.3         0.0         1.2           1.3         0.0         1.2           1.3         0.0         1.2           1.3         0.0         1.2           1.3         0.0         1.2           1.3         0.0	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL           0.7         0.0         2.2         0.1           0.9         0.0         17.1         0.1           1.1         0.0         10.9         0.1           1.2         0.0         1.1         0.1           1.3         0.0         1.2         0.1           1.4         0.0         1.3         0.1           1.4         0.0         1.3         0.2           1.4         0.0         1.3         0.2           1.4         0.0         1.3         0.2           1.4         0.0         1.3         0.2           1.4         0.0         1.3         0.2           1.4         0.0         1.3         0.2           1.4         0.0         1.3         0.2           1.4         0.0         1.3         0.2           1.4         0.0         1.3         0.2           1.4         0.0         1.3         0.1           1.4         0.0         1.3         0.1           1.4         0.0         1.2         0.1           1.3         0.0         1.	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL           0.7         0.0         2.2         0.1         0.0           0.9         0.0         17.1         0.1         0.0           1.1         0.0         10.9         0.1         0.0           1.2         0.0         1.1         0.1         0.0           1.3         0.0         1.2         0.1         0.0           1.4         0.0         1.3         0.1         0.0           1.4         0.0         1.3         0.2         0.0           1.4         0.0         1.3         0.2         0.0           1.4         0.0         1.3         0.2         0.0           1.4         0.0         1.3         0.2         0.0           1.4         0.0         1.3         0.2         0.0           1.4         0.0         1.3         0.2         0.0           1.4         0.0         1.3         0.2         0.0           1.4         0.0         1.3         0.1         0.0           1.4         0.0         1.3         0.1         0.0           1.4	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF           0.7         0.0         2.2         0.1         0.0         0.2           0.9         0.0         17.1         0.1         0.0         1.7           1.1         0.0         10.9         0.1         0.0         0.1           1.2         0.0         1.1         0.1         0.0         0.1           1.3         0.0         1.2         0.1         0.0         0.1           1.4         0.0         1.3         0.1         0.0         0.1           1.4         0.0         1.3         0.2         0.0         0.1           1.4         0.0         1.3         0.2         0.0         0.1           1.4         0.0         1.3         0.2         0.0         0.1           1.4         0.0         1.3         0.2         0.0         0.1           1.4         0.0         1.3         0.2         0.0         0.1           1.4         0.0         1.3         0.2         0.0         0.1           1.4         0.0         1.3         0.1         0.0         0	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/BBL           0.7         0.0         2.2         0.1         0.0         0.2         78.670           0.9         0.0         17.1         0.1         0.0         1.7         78.670           1.1         0.0         10.9         0.1         0.0         1.1         78.670           1.2         0.0         1.1         0.1         0.0         0.1         78.670           1.3         0.0         1.2         0.1         0.0         0.1         78.670           1.4         0.0         1.2         0.1         0.0         0.1         78.670           1.4         0.0         1.3         0.1         0.0         0.1         78.670           1.4         0.0         1.3         0.2         0.0         0.1         78.670           1.4         0.0         1.3         0.2         0.0         0.1         78.670           1.4         0.0         1.3         0.2         0.0         0.1         78.670           1.4         0.0         1.3         0.2         0.0         0.1         78.	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/BBL         NGL	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/BBL         NGL S/BBL         S/GAL S/MCF           0.7         0.0         2.2         0.1         0.0         0.2         78.670         0.000         2.929           0.9         0.0         17.1         0.1         0.0         1.7         78.670         0.000         2.929           1.1         0.0         10.9         0.1         0.0         1.1         78.670         0.000         2.929           1.2         0.0         1.1         0.1         0.0         0.1         78.670         0.000         2.929           1.3         0.0         1.2         0.1         0.0         0.1         78.670         0.000         2.929           1.4         0.0         1.2         0.1         0.0         0.1         78.670         0.000         2.929           1.4         0.0         1.3         0.1         0.0         0.1         78.670         0.000         2.929           1.4         0.0         1.3         0.2         0.0         0.1         78.670         0.000         2.929           1.4         0.0         1	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         GAS MMCF         OIL S/BBL S/GAL         S/MCF S/BBL S/GAL         OIL S/MCF S/MCF         MS           0.7         0.0         2.2         0.1         0.0         0.2         78.670         0.000         2.929         6.2           0.9         0.0         17.1         0.1         0.0         1.7         78.670         0.000         2.929         7.8           1.1         0.0         10.9         0.1         0.0         1.1         78.670         0.000         2.929         9.1           1.2         0.0         1.1         0.1         0.0         0.1         78.670         0.000         2.929         10.1           1.3         0.0         1.2         0.1         0.0         0.1         78.670         0.000         2.929         10.9           1.4         0.0         1.2         0.1         0.0         0.1         78.670         0.000         2.929         11.7           1.4         0.0         1.3         0.1         0.0         0.1         78.670         0.000         2.929         11.7           1.4         0.0         1.3         0.2 <td>OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         MGAL MMCF         SIBBL SIGAL SIMCF         OIL SIMCF         NGL MS         NGL</td> <td>OIL MBBL         NGL MBBL         GAS MBBL         OIL MGAL         NGL MBBL         GAS MMCF         OIL MGAL         NGL MS         S/BL S/GAL S/MCF         OIL MS         NGL MS         MS         MS           0.7         0.0         2.2         0.1         0.0         0.2         78.670         0.000         2.929         6.2         0.0         0.6           0.9         0.0         17.1         0.1         0.0         1.7         78.670         0.000         2.929         7.8         0.0         5.0           1.1         0.0         10.9         0.1         0.0         1.1         78.670         0.000         2.929         9.1         0.0         5.0           1.1         0.0         10.1         0.0         0.1         78.670         0.000         2.929         10.1         0.0         0.3           1.2         0.0         1.1         0.0         0.1         78.670         0.000         2.929         10.1         0.0         0.3           1.4         0.0         1.2         0.1         0.0         0.1         78.670         0.000         2.929         11.7         0.0         0.4           1.4         0.0         1.</td>	OIL MBBL         NGL MGAL         GAS MMCF         OIL MBBL         NGL MGAL         MGAL MMCF         SIBBL SIGAL SIMCF         OIL SIMCF         NGL MS         NGL	OIL MBBL         NGL MBBL         GAS MBBL         OIL MGAL         NGL MBBL         GAS MMCF         OIL MGAL         NGL MS         S/BL S/GAL S/MCF         OIL MS         NGL MS         MS         MS           0.7         0.0         2.2         0.1         0.0         0.2         78.670         0.000         2.929         6.2         0.0         0.6           0.9         0.0         17.1         0.1         0.0         1.7         78.670         0.000         2.929         7.8         0.0         5.0           1.1         0.0         10.9         0.1         0.0         1.1         78.670         0.000         2.929         9.1         0.0         5.0           1.1         0.0         10.1         0.0         0.1         78.670         0.000         2.929         10.1         0.0         0.3           1.2         0.0         1.1         0.0         0.1         78.670         0.000         2.929         10.1         0.0         0.3           1.4         0.0         1.2         0.1         0.0         0.1         78.670         0.000         2.929         11.7         0.0         0.4           1.4         0.0         1.

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	INTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.7	0.0	0.4	5.7	5.7	5.4	5.4	0	751.3
12-31-2025	0	0.0	0.0	1.0	0.0	0.6	11.3	17.0	9.6	15.0	5	566.0
12-31-2026	0	0.0	0.0	1.1	0.0	0.6	10.6	27.6	8.3	23.3	8	488.5
12-31-2027	0	0.0	0.0	1.2	0.0	0.6	8.7	36.3	6.1	29.4	10	446.5
12-31-2028	0	0.0	0.0	1.3	0.0	0.6	9.4	45.6	6.0	35.4	12	410.7
12-31-2029	0	0.0	0.0	1.3	0.0	0.6	9.8	55.5	5.6	41.0	15	366.0
12-31-2030	0	0.0	0.0	1.4	0.0	0.6	10.1	65.6	5.3	46.3	20	309.1
12-31-2031	0	0.0	0.0	1.4	0.0	0.7	10.3	75.8	4.9	51.1	30	235.3
12-31-2032	0	0.0	0.0	1.4	0.0	0.7	10.4	86.2	4.4	55.6	40	189.8
12-31-2033	0	0.0	0.0	1.4	0.0	0.7	10.3	96.5	4.0	59.5	50	159.1
12-31-2034	0	0.0	0.0	1.4	0.0	0.6	10.2	106.7	3.6	63.1		
12-31-2035	0	0.0	0.0	1.3	0.0	0.6	10.0	116.7	3.2	66.3		
12-31-2036	0	0.0	0.0	1.3	0.0	0.6	9.8	126.6	2.8	69.1		
12-31-2037	0	0.0	0.0	1.3	0.0	0.6	9.5	136.1	2.5	71.6		
12-31-2038	0	0.0	0.0	1.2	0.0	0.6	9.2	145.4	2.2	73.8		
SUBTOTAL			0.0	18.6	0.0	9.0	145.4	145.4	73.8	73.8		
REMAINING			0.0	17.1	0.0	79.4	56.3	56.3	10.1	83.9		
TOTAL OF 25.0 YI	RS		0.0	35.7	0.0	88.4	201.7	201.7	83.9	83.9		

Case Name: iPB HAWKINSON 7-22H2

API Number: 33-025-01965 NDIC FILE No: 24282 Reservoir: THREE FORKS 2 Perfs: 11478-21195

CTB No: 224223



Proj Oil Cum: 0.00 Mbbl Oil Rem: 33.84 Mbbl Oil EUR: 33.84 Mbbl Proj Gas Cum: 0.00 MMcf Gas Rem: 36.45 MMcf Gas EUR: 36.45 MMcf

## PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.135507 INITIAL REVENUE INTEREST: 0.111201

PHDWIN ID: 77

IPB\_HAWKINSON 7-22H2

FIELD: OAKDALE
RESERVOIR: THREE FORKS 2
COUNTY, STATE: DUNN, ND

NAME:

OPERATOR: CONTINENTAL RESOURCES

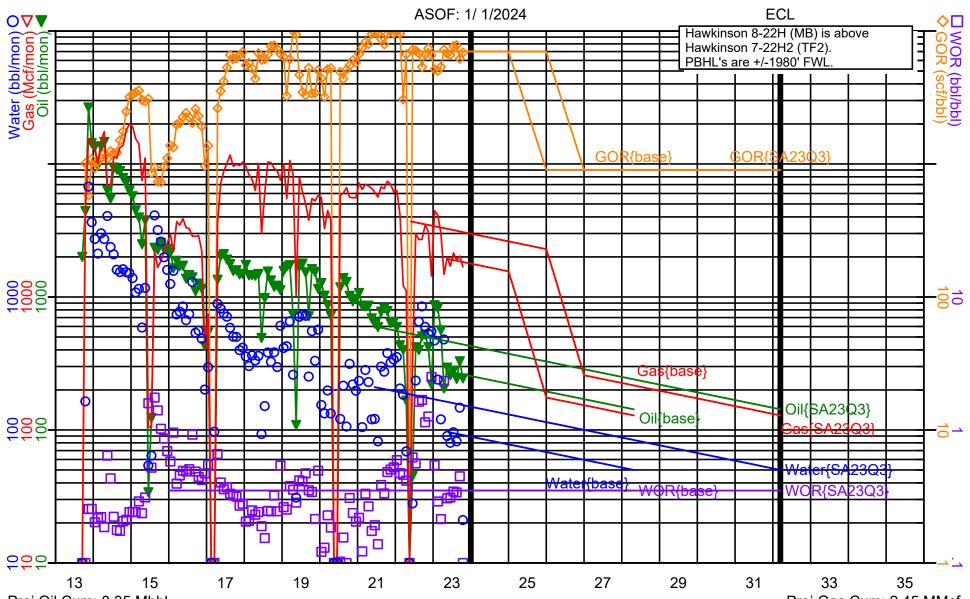
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	78.670	0.000	2.929	0.1	0.0	0.0	0.1
12-31-2025	0.1	0.0	3.5	0.0	0.0	0.4	78.670	0.000	2.929	0.5	0.0	1.1	1.6
12-31-2026	0.2	0.0	2.7	0.0	0.0	0.3	78.670	0.000	2.929	1.3	0.0	0.8	2.2
12-31-2027	0.3	0.0	0.2	0.0	0.0	0.0	78.670	0.000	2.929	2.3	0.0	0.1	2.4
12-31-2028	0.4	0.0	0.4	0.0	0.0	0.0	78.670	0.000	2.929	3.4	0.0	0.1	3.5
12-31-2029	0.5	0.0	0.5	0.1	0.0	0.0	78.670	0.000	2.929	4.5	0.0	0.1	4.6
12-31-2030	0.6	0.0	0.6	0.1	0.0	0.1	78.670	0.000	2.929	5.6	0.0	0.2	5.7
12-31-2031	0.8	0.0	0.7	0.1	0.0	0.1	78.670	0.000	2.929	6.6	0.0	0.2	6.8
12-31-2032	0.9	0.0	0.8	0.1	0.0	0.1	78.670	0.000	2.929	7.5	0.0	0.2	7.8
12-31-2033	1.0	0.0	0.9	0.1	0.0	0.1	78.670	0.000	2.929	8.3	0.0	0.3	8.6
12-31-2034	1.0	0.0	0.9	0.1	0.0	0.1	78.670	0.000	2.929	9.1	0.0	0.3	9.4
12-31-2035	1.1	0.0	1.0	0.1	0.0	0.1	78.670	0.000	2.929	9.8	0.0	0.3	10.1
12-31-2036	1.2	0.0	1.1	0.1	0.0	0.1	78.670	0.000	2.929	10.4	0.0	0.3	10.7
12-31-2037	1.2	0.0	1.1	0.1	0.0	0.1	78.670	0.000	2.929	10.8	0.0	0.3	11.1
12-31-2038	2.7	0.0	2.5	0.3	0.0	0.3	78.670	0.000	2.929	24.0	0.0	0.8	24.7
SUBTOTAL	11.9	0.0	16.7	1.3	0.0	1.7	78.670	0.000	2.929	104.2	0.0	5.1	109.3
REMAINING	21.9	0.0	19.7	2.4	0.0	2.1	78.670	0.000	2.929	191.9	0.0	6.0	197.9
TOTAL	33.8	0.0	36.4	3.8	0.0	3.8	78.670	0.000	2.929	296.1	0.0	11.2	307.2
CUM PROD	0.0	0.0	0.0										
ULTIMATE	33.8	0.0	36.4										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	UNTED	DISCOUNTE	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING _	COMPLET	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0	347.7
12-31-2025	0	0.0	0.0	0.1	0.0	0.1	1.5	1.5	1.2	1.3	5	266.3
12-31-2026	0	0.0	0.0	0.2	0.0	0.1	1.9	3.4	1.5	2.8	8	230.9
12-31-2027	0	0.0	0.0	0.3	0.0	0.1	2.0	5.4	1.4	4.2	10	211.4
12-31-2028	0	0.0	0.0	0.4	0.0	0.2	2.9	8.3	1.9	6.0	12	194.7
12-31-2029	0	0.0	0.0	0.5	0.0	0.3	3.8	12.2	2.2	8.2	15	173.8
12-31-2030	0	0.0	0.0	0.6	0.0	0.3	4.8	16.9	2.5	10.7	20	147.1
12-31-2031	0	0.0	0.0	0.8	0.0	0.4	5.6	22.6	2.6	13.4	30	112.3
12-31-2032	0	0.0	0.0	0.9	0.0	0.5	6.4	29.0	2.7	16.1	40	90.9
12-31-2033	0	0.0	0.0	1.0	0.0	0.5	7.1	36.1	2.8	18.9	50	76.3
12-31-2034	0	0.0	0.0	1.1	0.0	0.6	7.8	43.9	2.7	21.6		
12-31-2035	0	0.0	0.0	1.1	0.0	0.6	8.4	52.3	2.7	24.2		
12-31-2036	0	0.0	0.0	1.2	0.0	0.6	8.9	61.1	2.5	26.8		
12-31-2037	0	0.0	0.0	1.2	0.0	0.7	9.2	70.3	2.4	29.2		
12-31-2038	0	0.0	0.0	2.8	0.0	13.0	8.9	79.3	2.1	31.3		
SUBTOTAL			0.0	12.1	0.0	18.0	79.3	79.3	31.3	31.3		
REMAINING			0.0	22.1	0.0	139.2	36.5	36.5	9.1	40.3		
TOTAL OF 24.5 Y	RS		0.0	34.2	0.0	157.2	115.8	115.8	40.3	40.3		

Case Name: iPB HAWKINSON 8-22H

API Number: 33-025-01966 NDIC FILE No: 24283 Reservoir: MIDDLE BAKKEN Perfs: 11495-20999

CTB No: 224223



Proj Oil Cum: 0.35 Mbbl Oil Rem: 15.53 Mbbl Oil EUR: 15.88 Mbbl Proj Gas Cum: 2.45 MMcf Gas Rem: 53.92 MMcf Gas EUR: 56.37 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.107033 INITIAL REVENUE INTEREST: 0.089528

PHDWIN ID: 97

NAME : FIELD : IPB\_HAWKINSON 8-22H

FIELD: OAKDALE
RESERVOIR: MIDDLE BAKKEN
COUNTY, STATE: DUNN, ND

COUNTY, STATE : DUNN, ND
OPERATOR : CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		:	NET RESERVES		A	VERAGE PRICES	<u> </u>		GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	1.9	0.0	13.6	0.2	0.0	1.1	78.670	0.000	2.929	13.7	0.0	3.4	17.0
12-31-2025	1.7	0.0	21.8	0.2	0.0	1.8	78.670	0.000	2.929	11.9	0.0	5.4	17.3
12-31-2026	1.5	0.0	9.2	0.1	0.0	0.8	78.670	0.000	2.929	10.5	0.0	2.3	12.7
12-31-2027	1.3	0.0	1.2	0.1	0.0	0.1	78.670	0.000	2.929	9.1	0.0	0.3	9.4
12-31-2028	2.3	0.0	2.0	0.2	0.0	0.2	78.670	0.000	2.929	16.0	0.0	0.5	16.5
12-31-2029	2.5	0.0	2.2	0.2	0.0	0.2	78.670	0.000	2.929	17.3	0.0	0.5	17.9
12-31-2030	2.2	0.0	1.9	0.2	0.0	0.2	78.670	0.000	2.929	15.2	0.0	0.5	15.6
12-31-2031	1.9	0.0	1.7	0.2	0.0	0.1	78.670	0.000	2.929	13.3	0.0	0.4	13.7
12-31-2032	0.3	0.0	0.3	0.0	0.0	0.0	78.670	0.000	2.929	2.4	0.0	0.1	2.5
12-31-2033	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	15.5	0.0	53.9	1.4	0.0	4.5	78.670	0.000	2.929	109.3	0.0	13.3	122.6
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	15.5	0.0	53.9	1.4	0.0	4.5	78.670	0.000	2.929	109.3	0.0	13.3	122.6
CUM PROD	0.4	0.0	2.5										
ULTIMATE	15.9	0.0	56.4										

				NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	1.6	0.0	0.6	14.9	14.9	14.1	14.1	0	70.0
12-31-2025	0	0.0	0.0	1.4	0.0	0.5	15.3	30.2	13.1	27.2	5	67.0
12-31-2026	0	0.0	0.0	1.2	0.0	0.4	11.1	41.3	8.6	35.9	8	64.7
12-31-2027	0	0.0	0.0	1.1	0.0	0.3	8.1	49.3	5.7	41.6	10	63.2
12-31-2028	0	0.0	0.0	1.8	0.0	7.9	6.7	56.1	4.3	45.9	12	61.6
12-31-2029	1	0.1	0.0	2.0	-16.1	11.3	20.7	76.7	12.1	58.0	15	59.2
12-31-2030	1	0.1	0.0	1.7	0.0	11.2	2.7	79.4	1.4	59.4	20	55.3
12-31-2031	1	0.1	0.0	1.5	0.0	11.1	1.0	80.5	0.5	59.9	30	48.2
12-31-2032	1	0.1	0.0	0.3	0.0	2.2	0.0	80.5	0.0	59.9	40	42.3
12-31-2033	0	0.0	0.0	0.0	16.1	0.0	-16.1	64.5	-6.4	53.5	50	37.5
SUBTOTAL			0.0	12.8	0.0	45.4	64.5	64.5	53.5	53.5		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.5		
TOTAL OF 8.2 Y	RS		0.0	12.8	0.0	45.4	64.5	64.5	53.5	53.5		

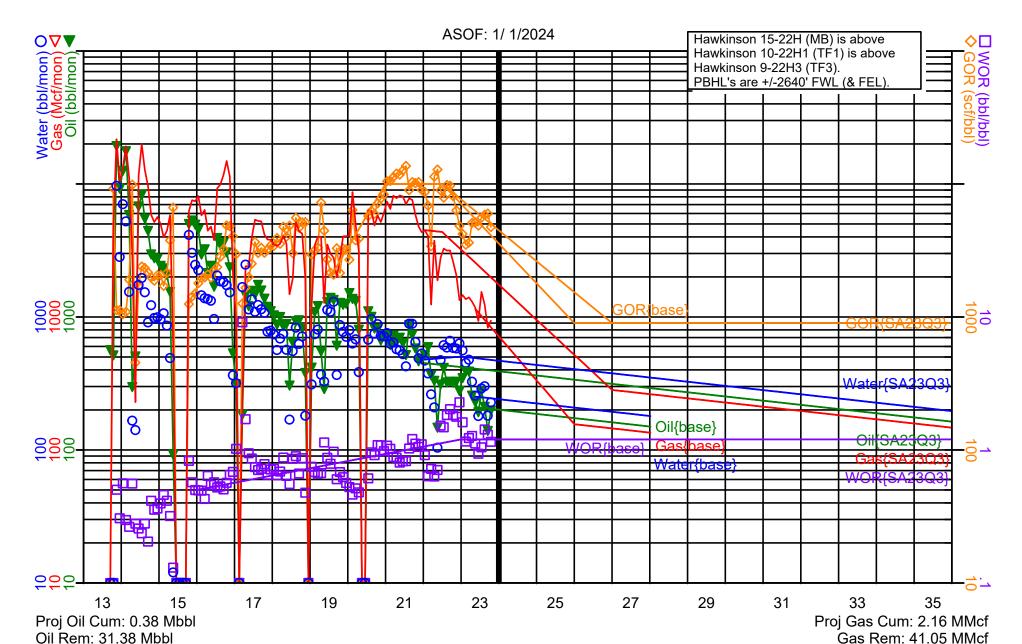
Case Name: iPB HAWKINSON 10-22H1

API Number: 33-025-01968 NDIC FILE No: 24285

Oil EUR: 31.76 Mbbl

Reservoir: THREE FORKS 1 Perfs: 11480-20988

CTB No: 224223



E290

Gas EUR: 43.21 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.103841 INITIAL REVENUE INTEREST: 0.087175

PHDWIN ID: 98

NAME:

IPB\_HAWKINSON 10-22H1 OAKDALE

FIELD: OAKDALE
RESERVOIR: THREE FORKS 1
COUNTY, STATE: DUNN, ND

OPERATOR:

DUNN, ND CONTINENTAL RESOURCES

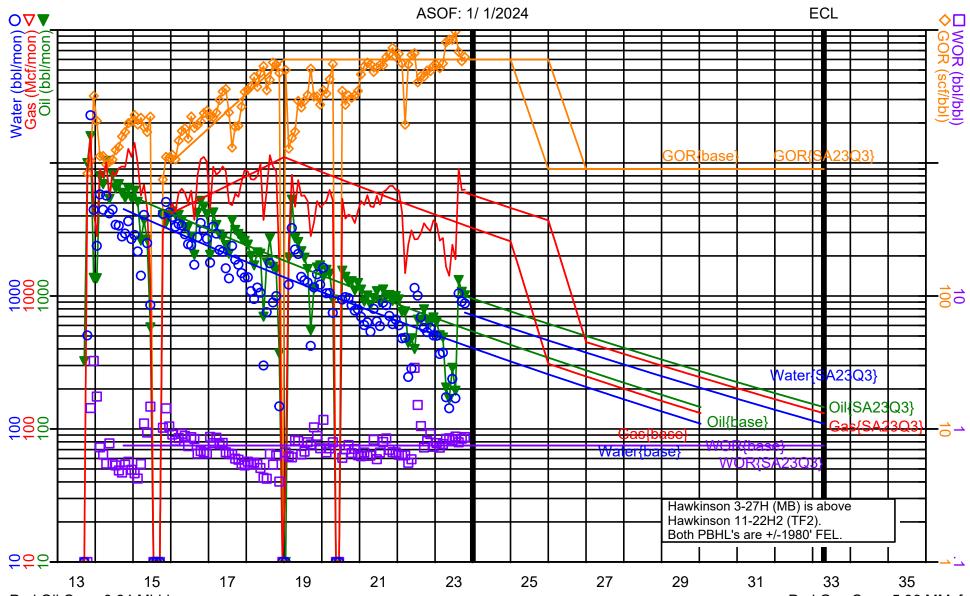
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	2.2	0.0	9.7	0.2	0.0	0.8	78.670	0.000	2.929	15.1	0.0	2.3	17.4
12-31-2025	2.0	0.0	5.7	0.2	0.0	0.5	78.670	0.000	2.929	14.0	0.0	1.4	15.4
12-31-2026	1.9	0.0	2.9	0.2	0.0	0.2	78.670	0.000	2.929	13.0	0.0	0.7	13.7
12-31-2027	1.8	0.0	1.6	0.2	0.0	0.1	78.670	0.000	2.929	12.1	0.0	0.4	12.5
12-31-2028	3.4	0.0	3.0	0.3	0.0	0.2	78.670	0.000	2.929	23.0	0.0	0.7	23.7
12-31-2029	3.1	0.0	2.8	0.3	0.0	0.2	78.670	0.000	2.929	21.5	0.0	0.7	22.2
12-31-2030	2.9	0.0	2.6	0.3	0.0	0.2	78.670	0.000	2.929	20.0	0.0	0.6	20.7
12-31-2031	2.7	0.0	2.4	0.2	0.0	0.2	78.670	0.000	2.929	18.6	0.0	0.6	19.2
12-31-2032	2.5	0.0	2.3	0.2	0.0	0.2	78.670	0.000	2.929	17.4	0.0	0.5	17.9
12-31-2033	2.3	0.0	2.1	0.2	0.0	0.2	78.670	0.000	2.929	16.1	0.0	0.5	16.6
12-31-2034	2.2	0.0	2.0	0.2	0.0	0.2	78.670	0.000	2.929	15.0	0.0	0.5	15.5
12-31-2035	2.0	0.0	1.8	0.2	0.0	0.1	78.670	0.000	2.929	13.9	0.0	0.4	14.4
12-31-2036	1.9	0.0	1.7	0.2	0.0	0.1	78.670	0.000	2.929	13.0	0.0	0.4	13.4
12-31-2037	0.3	0.0	0.3	0.0	0.0	0.0	78.670	0.000	2.929	2.4	0.0	0.1	2.5
12-31-2038	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	31.4	0.0	41.1	2.7	0.0	3.4	78.670	0.000	2.929	215.2	0.0	9.9	225.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	31.4	0.0	41.1	2.7	0.0	3.4	78.670	0.000	2.929	215.2	0.0	9.9	225.0
CUM PROD	0.4	0.0	2.2										
ULTIMATE	31.8	0.0	43.2										

				NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	1.8	0.0	1.2	14.4	14.4	13.7	13.7	0	80.7
12-31-2025	0	0.0	0.0	1.6	0.0	1.1	12.6	27.1	10.8	24.5	5	72.3
12-31-2026	0	0.0	0.0	1.5	0.0	1.0	11.2	38.2	8.7	33.2	8	67.2
12-31-2027	0	0.0	0.0	1.4	0.0	0.9	10.1	48.4	7.1	40.4	10	64.0
12-31-2028	0	0.0	0.0	2.7	0.0	11.9	9.1	57.5	5.8	46.2	12	60.9
12-31-2029	1	0.1	0.0	2.5	-15.6	12.0	23.3	80.8	13.9	60.1	15	56.6
12-31-2030	1	0.1	0.0	2.3	0.0	11.9	6.4	87.3	3.4	63.5	20	50.4
12-31-2031	1	0.1	0.0	2.2	0.0	11.8	5.3	92.5	2.5	65.9	30	40.7
12-31-2032	1	0.1	0.0	2.0	0.0	11.7	4.2	96.7	1.8	67.8	40	33.9
12-31-2033	1	0.1	0.0	1.9	0.0	11.6	3.2	99.9	1.2	69.0	50	29.0
12-31-2034	1	0.1	0.0	1.7	0.0	11.5	2.2	102.1	0.8	69.8		
12-31-2035	1	0.1	0.0	1.6	0.0	11.4	1.3	103.5	0.4	70.2		
12-31-2036	1	0.1	0.0	1.5	0.0	11.4	0.6	104.0	0.2	70.3		
12-31-2037	1	0.1	0.0	0.3	0.0	2.1	0.0	104.1	0.0	70.3		
12-31-2038	0	0.0	0.0	0.0	15.6	0.0	-15.6	88.5	-3.8	66.6		
SUBTOTAL			0.0	24.9	0.0	111.7	88.5	88.5	66.6	66.6		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.6		
TOTAL OF 13.2 YI	RS		0.0	24.9	0.0	111.7	88.5	88.5	66.6	66.6		

Case Name: iPB HAWKINSON 11-22H2

API Number: 33-025-01969 NDIC FILE No: 24286 Reservoir: THREE FORKS 2 Perfs: 11568-21168

CTB No: 224223



Proj Oil Cum: 0.84 Mbbl Oil Rem: 25.16 Mbbl Oil EUR: 26.01 Mbbl Proj Gas Cum: 5.06 MMcf Gas Rem: 91.49 MMcf Gas EUR: 96.55 MMcf

## PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.129076 INITIAL REVENUE INTEREST :

PHDWIN ID: 99

AS OF JANUARY 1, 2024

NAME: FIELD:

IPB\_HAWKINSON 11-22H2

RESERVOIR: COUNTY, STATE:

OAKDALE THREE FORKS 2 DUNN, ND CONTINENTAL RESOURCES

OPERATOR:

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	4.5	0.0	26.9	0.5	0.0	2.7	78.670	0.000	2.929	38.2	0.0	8.0	46.3
12-31-2025	3.6	0.0	36.7	0.4	0.0	3.7	78.670	0.000	2.929	31.0	0.0	10.9	42.0
12-31-2026	3.0	0.0	15.2	0.3	0.0	1.5	78.670	0.000	2.929	25.4	0.0	4.5	29.9
12-31-2027	2.4	0.0	2.2	0.3	0.0	0.2	78.670	0.000	2.929	20.8	0.0	0.7	21.4
12-31-2028	2.0	0.0	1.8	0.2	0.0	0.2	78.670	0.000	2.929	17.2	0.0	0.5	17.7
12-31-2029	1.7	0.0	1.5	0.2	0.0	0.2	78.670	0.000	2.929	14.1	0.0	0.4	14.6
12-31-2030	2.9	0.0	2.6	0.3	0.0	0.3	78.670	0.000	2.929	24.8	0.0	0.8	25.6
12-31-2031	2.5	0.0	2.2	0.3	0.0	0.2	78.670	0.000	2.929	20.9	0.0	0.7	21.5
12-31-2032	2.0	0.0	1.8	0.2	0.0	0.2	78.670	0.000	2.929	17.3	0.0	0.5	17.9
12-31-2033	0.5	0.0	0.5	0.1	0.0	0.0	78.670	0.000	2.929	4.5	0.0	0.1	4.6
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	25.2	0.0	91.5	2.7	0.0	9.3	78.670	0.000	2.929	214.2	0.0	27.3	241.5
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	25.2	0.0	91.5	2.7	0.0	9.3	78.670	0.000	2.929	214.2	0.0	27.3	241.5
CUM PROD	0.8	0.0	5.1										
ULTIMATE	26.0	0.0	96.6										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	4.5	0.0	2.3	39.5	39.5	37.5	37.5	0	234.1
12-31-2025	0	0.0	0.0	3.7	0.0	2.0	36.3	75.7	31.1	68.6	5	214.4
12-31-2026	0	0.0	0.0	3.0	0.0	1.5	25.4	101.1	19.8	88.4	8	203.4
12-31-2027	0	0.0	0.0	2.4	0.0	1.1	17.9	119.1	12.6	101.0	10	196.4
12-31-2028	0	0.0	0.0	2.0	0.0	0.9	14.8	133.8	9.4	110.5	12	189.7
12-31-2029	0	0.0	0.0	1.6	0.0	0.8	12.2	146.0	7.0	117.5	15	180.3
12-31-2030	0	0.0	0.0	2.9	0.0	13.8	8.9	155.0	4.7	122.2	20	166.0
12-31-2031	1	0.1	0.0	2.4	-19.4	14.0	24.5	179.5	12.0	134.2	30	142.3
12-31-2032	1	0.1	0.0	2.0	0.0	13.8	2.1	181.5	0.9	135.1	40	123.9
12-31-2033	1	0.1	0.0	0.5	0.0	4.0	0.1	181.7	0.1	135.2	50	109.4
12-31-2034	0	0.0	0.0	0.0	19.4	0.0	-19.4	162.3	-6.9	128.2		
SUBTOTAL			0.0	25.0	0.0	54.1	162.3	162.3	128.2	128.2		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	128.2		
TOTAL OF 9.3 YF	RS		0.0	25.0	0.0	54.1	162.3	162.3	128.2	128.2		

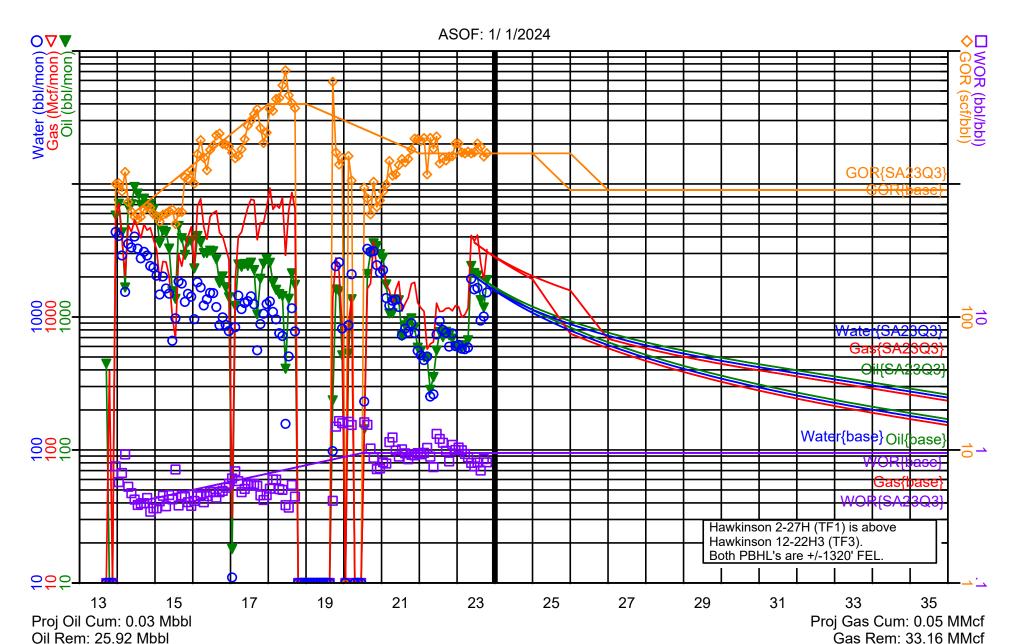
Case Name: iPB HAWKINSON 12-22H3

API Number: 33-025-01986 NDIC FILE No: 24350

Oil EUR: 25.95 Mbbl

Reservoir: THREE FORKS 3 Perfs: 11595-21045

CTB No: 224223



Gas EUR: 33.21 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.173562 INITIAL REVENUE INTEREST: 0.144597

PHDWIN ID: 100

IPB\_HAWKINSON 12-22H3

FIELD: OAKDALE
RESERVOIR: THREE FORKS 3
COUNTY, STATE: DUNN, ND

OPERATOR:

NAME:

ATE: DUNN, ND
CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.5	0.0	0.9	0.1	0.0	0.1	78.670	0.000	2.929	5.7	0.0	0.3	6.1
12-31-2025	1.0	0.0	6.6	0.1	0.0	0.9	78.670	0.000	2.929	11.2	0.0	2.6	13.8
12-31-2026	1.3	0.0	4.9	0.2	0.0	0.7	78.670	0.000	2.929	14.6	0.0	1.9	16.5
12-31-2027	1.4	0.0	1.3	0.2	0.0	0.2	78.670	0.000	2.929	16.4	0.0	0.5	17.0
12-31-2028	1.5	0.0	1.4	0.2	0.0	0.2	78.670	0.000	2.929	17.4	0.0	0.5	18.0
12-31-2029	1.6	0.0	1.4	0.2	0.0	0.2	78.670	0.000	2.929	17.8	0.0	0.6	18.3
12-31-2030	1.6	0.0	1.4	0.2	0.0	0.2	78.670	0.000	2.929	17.8	0.0	0.6	18.4
12-31-2031	1.5	0.0	1.4	0.2	0.0	0.2	78.670	0.000	2.929	17.6	0.0	0.6	18.1
12-31-2032	1.5	0.0	1.3	0.2	0.0	0.2	78.670	0.000	2.929	16.9	0.0	0.5	17.4
12-31-2033	1.4	0.0	1.2	0.2	0.0	0.2	78.670	0.000	2.929	15.7	0.0	0.5	16.2
12-31-2034	1.3	0.0	1.1	0.2	0.0	0.2	78.670	0.000	2.929	14.3	0.0	0.5	14.8
12-31-2035	1.1	0.0	1.0	0.2	0.0	0.1	78.670	0.000	2.929	12.9	0.0	0.4	13.3
12-31-2036	1.0	0.0	0.9	0.1	0.0	0.1	78.670	0.000	2.929	11.7	0.0	0.4	12.0
12-31-2037	2.1	0.0	1.9	0.3	0.0	0.3	78.670	0.000	2.929	24.3	0.0	0.8	25.1
12-31-2038	2.4	0.0	2.2	0.3	0.0	0.3	78.670	0.000	2.929	27.3	0.0	0.9	28.2
SUBTOTAL	21.2	0.0	28.9	3.1	0.0	3.9	78.670	0.000	2.929	241.7	0.0	11.5	253.2
REMAINING	4.7	0.0	4.2	0.7	0.0	0.6	78.670	0.000	2.929	53.2	0.0	1.7	54.9
TOTAL	25.9	0.0	33.2	3.7	0.0	4.5	78.670	0.000	2.929	294.9	0.0	13.2	308.1
CUM PROD	0.0	0.0	0.0										
ULTIMATE	25.9	0.0	33.2										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	INTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.7	0.0	0.4	5.0	5.0	4.7	4.7	0	656.2
12-31-2025	0	0.0	0.0	1.3	0.0	0.8	11.7	16.7	10.0	14.7	5	552.2
12-31-2026	0	0.0	0.0	1.7	0.0	1.0	13.8	30.5	10.7	25.4	8	502.2
12-31-2027	0	0.0	0.0	1.9	0.0	1.1	14.0	44.5	9.8	35.3	10	473.2
12-31-2028	0	0.0	0.0	2.0	0.0	1.1	14.8	59.3	9.4	44.7	12	447.0
12-31-2029	0	0.0	0.0	2.1	0.0	1.2	15.1	74.5	8.7	53.4	15	412.6
12-31-2030	0	0.0	0.0	2.1	0.0	1.2	15.2	89.7	7.9	61.3	20	365.4
12-31-2031	0	0.0	0.0	2.0	0.0	1.2	15.0	104.6	7.1	68.4	30	297.7
12-31-2032	0	0.0	0.0	1.9	0.0	1.1	14.3	119.0	6.1	74.5	40	251.7
12-31-2033	0	0.0	0.0	1.8	0.0	1.0	13.3	132.3	5.2	79.7	50	218.5
12-31-2034	0	0.0	0.0	1.7	0.0	0.9	12.2	144.5	4.3	84.0		
12-31-2035	0	0.0	0.0	1.5	0.0	0.8	11.0	155.5	3.5	87.4		
12-31-2036	0	0.0	0.0	1.3	0.0	0.8	9.9	165.4	2.9	90.3		
12-31-2037	0	0.0	0.0	2.8	0.0	13.9	8.4	173.8	2.2	92.5		
12-31-2038	1	0.1	0.0	3.2	-26.0	19.1	32.0	205.8	7.7	100.1		
SUBTOTAL			0.0	28.0	-26.0	45.5	205.8	205.8	100.1	100.1		
REMAINING			0.0	6.1	26.0	43.4	-20.7	-20.7	-3.1	97.1		
TOTAL OF 17.3 YI	RS		0.0	34.1	0.0	88.9	185.1	185.1	97.1	97.1		

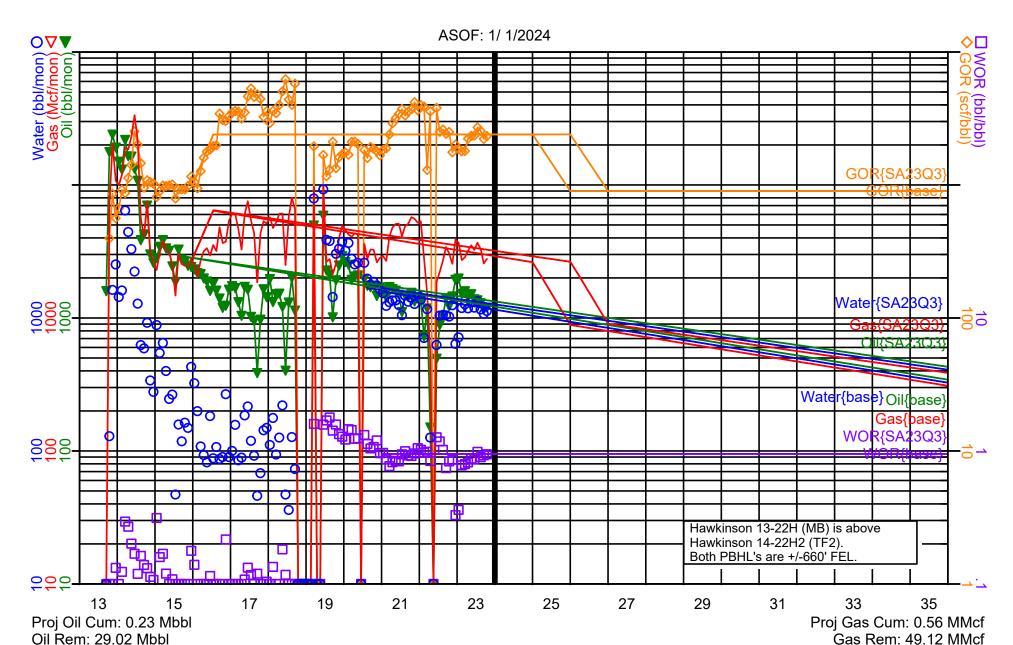
Case Name: iPB HAWKINSON 13-22H

API Number: 33-025-02006 NDIC FILE No: 24455

Oil EUR: 29.25 Mbbl

Reservoir: MIDDLE BAKKEN Perfs: 11365-20837

CTB No: 224223



Gas EUR: 49.67 MMcf

# PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.124781 INITIAL REVENUE INTEREST :

PHDWIN ID: 101

AS OF JANUARY 1, 2024

IPB HAWKINSON 13-22H NAME: OAKDALE FIELD:

RESERVOIR: COUNTY, STATE: OPERATOR:

DUNN, ND CONTINENTAL RESOURCES

MIDDLE BAKKEN

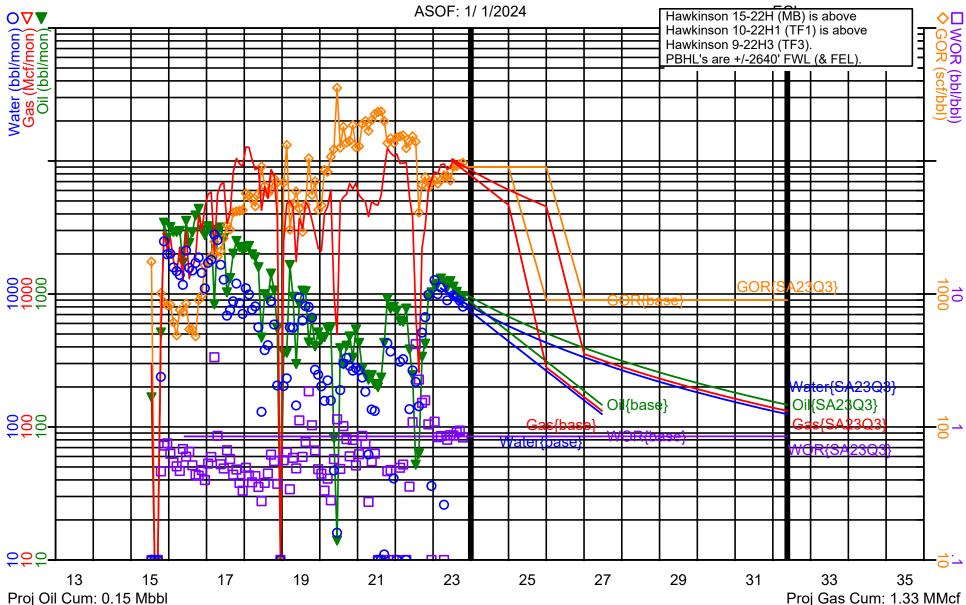
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	1.4	0.0	3.4	0.1	0.0	0.3	78.670	0.000	2.929	11.6	0.0	1.0	12.5
12-31-2025	1.4	0.0	14.1	0.1	0.0	1.4	78.670	0.000	2.929	11.6	0.0	4.1	15.7
12-31-2026	1.4	0.0	9.4	0.1	0.0	0.9	78.670	0.000	2.929	11.6	0.0	2.7	14.3
12-31-2027	1.4	0.0	1.3	0.1	0.0	0.1	78.670	0.000	2.929	11.5	0.0	0.4	11.9
12-31-2028	1.4	0.0	1.2	0.1	0.0	0.1	78.670	0.000	2.929	11.3	0.0	0.4	11.7
12-31-2029	1.3	0.0	1.2	0.1	0.0	0.1	78.670	0.000	2.929	11.0	0.0	0.3	11.4
12-31-2030	1.3	0.0	1.2	0.1	0.0	0.1	78.670	0.000	2.929	10.7	0.0	0.3	11.0
12-31-2031	1.3	0.0	1.1	0.1	0.0	0.1	78.670	0.000	2.929	10.3	0.0	0.3	10.7
12-31-2032	1.2	0.0	1.1	0.1	0.0	0.1	78.670	0.000	2.929	10.0	0.0	0.3	10.3
12-31-2033	1.2	0.0	1.0	0.1	0.0	0.1	78.670	0.000	2.929	9.6	0.0	0.3	9.9
12-31-2034	1.1	0.0	1.0	0.1	0.0	0.1	78.670	0.000	2.929	9.1	0.0	0.3	9.4
12-31-2035	1.1	0.0	1.0	0.1	0.0	0.1	78.670	0.000	2.929	8.7	0.0	0.3	9.0
12-31-2036	1.0	0.0	0.9	0.1	0.0	0.1	78.670	0.000	2.929	8.3	0.0	0.3	8.6
12-31-2037	1.0	0.0	0.9	0.1	0.0	0.1	78.670	0.000	2.929	7.9	0.0	0.2	8.1
12-31-2038	0.9	0.0	0.8	0.1	0.0	0.1	78.670	0.000	2.929	7.4	0.0	0.2	7.7
SUBTOTAL	18.3	0.0	39.5	1.9	0.0	3.9	78.670	0.000	2.929	150.7	0.0	11.4	162.1
REMAINING	10.7	0.0	9.6	1.1	0.0	0.9	78.670	0.000	2.929	88.0	0.0	2.8	90.8
TOTAL	29.0	0.0	49.1	3.0	0.0	4.8	78.670	0.000	2.929	238.7	0.0	14.1	252.8
CUM PROD	0.2	0.0	0.6										
ULTIMATE	29.2	0.0	49.7										

		_		NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	ΓIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	1.3	0.0	0.8	10.4	10.4	9.9	9.9	0	760.5
12-31-2025	0	0.0	0.0	1.4	0.0	0.9	13.4	23.9	11.5	21.4	5	584.3
12-31-2026	0	0.0	0.0	1.4	0.0	0.8	12.1	36.0	9.4	30.8	8	508.7
12-31-2027	0	0.0	0.0	1.3	0.0	0.7	9.8	45.8	6.9	37.7	10	467.3
12-31-2028	0	0.0	0.0	1.3	0.0	0.7	9.6	55.4	6.1	43.8	12	431.5
12-31-2029	0	0.0	0.0	1.3	0.0	0.7	9.4	64.8	5.4	49.3	15	386.4
12-31-2030	0	0.0	0.0	1.2	0.0	0.7	9.1	73.9	4.8	54.0	20	328.4
12-31-2031	0	0.0	0.0	1.2	0.0	0.7	8.8	82.7	4.2	58.2	30	251.6
12-31-2032	0	0.0	0.0	1.2	0.0	0.6	8.5	91.2	3.6	61.8	40	203.7
12-31-2033	0	0.0	0.0	1.1	0.0	0.6	8.1	99.3	3.1	64.9	50	171.1
12-31-2034	0	0.0	0.0	1.1	0.0	0.6	7.8	107.1	2.7	67.7		
12-31-2035	0	0.0	0.0	1.0	0.0	0.6	7.4	114.5	2.3	70.0		
12-31-2036	0	0.0	0.0	1.0	0.0	0.5	7.1	121.6	2.0	72.0		
12-31-2037	0	0.0	0.0	0.9	0.0	0.5	6.7	128.3	1.7	73.8		
12-31-2038	0	0.0	0.0	0.9	0.0	0.5	6.3	134.6	1.5	75.3		
SUBTOTAL			0.0	17.5	0.0	10.0	134.6	134.6	75.3	75.3		
REMAINING			0.0	10.2	0.0	46.8	33.8	33.8	6.3	81.5		
TOTAL OF 23.3 Y	/RS		0.0	27.6	0.0	56.8	168.4	168.4	81.5	81.5		

Case Name: iPB HAWKINSON 15-22H2

API Number: 33-025-02912 NDIC FILE No: 31104 Reservoir: MIDDLE BAKKEN Perfs: 11570-14512

CTB No: 224223



Oil Rem: 20.60 Mbbl Oil EUR: 20.75 Mbbl Proj Gas Cum: 1.33 MMcf Gas Rem: 87.78 MMcf Gas EUR: 89.12 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.125455 INITIAL REVENUE INTEREST: 0.105307

PHDWIN ID: 78

IPB\_HAWKINSON 15-22H2

FIELD: OAKDALE
RESERVOIR: MIDDLE BAKKEN

COUNTY, STATE : OPERATOR :

NAME:

DUNN, ND CONTINENTAL RESOURCES

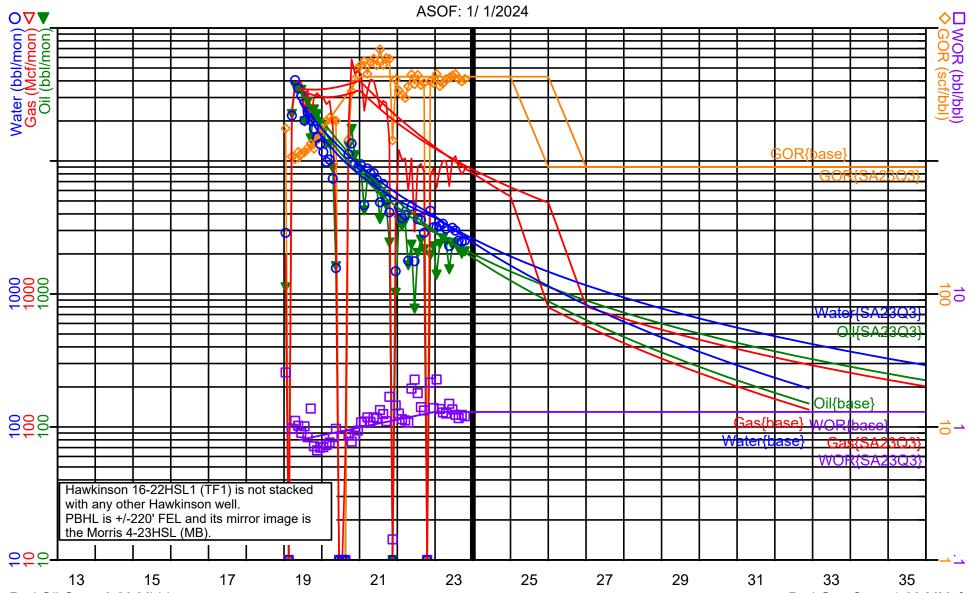
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	1.5	0.0	13.3	0.2	0.0	1.3	78.670	0.000	2.929	12.2	0.0	3.8	16.1
12-31-2025	2.1	0.0	44.4	0.2	0.0	4.4	78.670	0.000	2.929	17.7	0.0	12.9	30.6
12-31-2026	2.4	0.0	17.0	0.3	0.0	1.7	78.670	0.000	2.929	20.1	0.0	4.9	25.0
12-31-2027	3.3	0.0	3.0	0.3	0.0	0.3	78.670	0.000	2.929	27.2	0.0	0.9	28.0
12-31-2028	3.4	0.0	3.1	0.4	0.0	0.3	78.670	0.000	2.929	28.3	0.0	0.9	29.2
12-31-2029	2.8	0.0	2.5	0.3	0.0	0.3	78.670	0.000	2.929	23.3	0.0	0.7	24.0
12-31-2030	2.4	0.0	2.1	0.2	0.0	0.2	78.670	0.000	2.929	19.6	0.0	0.6	20.2
12-31-2031	2.0	0.0	1.8	0.2	0.0	0.2	78.670	0.000	2.929	16.6	0.0	0.5	17.2
12-31-2032	0.7	0.0	0.6	0.1	0.0	0.1	78.670	0.000	2.929	5.7	0.0	0.2	5.8
12-31-2033	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	20.6	0.0	87.8	2.2	0.0	8.7	78.670	0.000	2.929	170.7	0.0	25.5	196.1
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	20.6	0.0	87.8	2.2	0.0	8.7	78.670	0.000	2.929	170.7	0.0	25.5	196.1
CUM PROD	0.1	0.0	1.3										
ULTIMATE	20.8	0.0	89.1										

				NET DEDUCTIONS	E/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	1.5	0.0	0.8	13.8	13.8	13.0	13.0	0	183.8
12-31-2025	0	0.0	0.0	2.2	0.0	1.4	27.0	40.8	23.1	36.1	5	172.8
12-31-2026	0	0.0	0.0	2.4	0.0	1.3	21.3	62.1	16.6	52.7	8	166.3
12-31-2027	0	0.0	0.0	3.1	0.0	8.3	16.6	78.7	11.7	64.4	10	162.0
12-31-2028	1	0.1	0.0	3.3	-18.8	14.2	30.6	109.2	19.6	83.9	12	157.7
12-31-2029	1	0.1	0.0	2.7	0.0	13.9	7.4	116.7	4.3	88.2	15	151.6
12-31-2030	1	0.1	0.0	2.3	0.0	13.7	4.2	120.9	2.2	90.5	20	142.0
12-31-2031	1	0.1	0.0	1.9	0.0	13.5	1.8	122.7	0.8	91.3	30	125.2
12-31-2032	1	0.1	0.0	0.7	0.0	5.0	0.2	122.9	0.1	91.4	40	111.4
12-31-2033	0	0.0	0.0	0.0	18.8	0.0	-18.8	104.1	-7.4	84.0	50	100.1
SUBTOTAL			0.0	20.0	0.0	72.1	104.1	104.1	84.0	84.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.0		
TOTAL OF 8.4 Y	RS		0.0	20.0	0.0	72.1	104.1	104.1	84.0	84.0		

Case Name: iPB HAWKINSON 16-22HSL1

API Number: 33-025-03403 NDIC FILE No: 34354 Reservoir: THREE FORKS 1 Perfs: 11443-21510

CTB No: 134354



Proj Oil Cum: 0.23 Mbbl Oil Rem: 42.07 Mbbl Oil EUR: 42.31 Mbbl Proj Gas Cum: 1.00 MMcf Gas Rem: 96.56 MMcf Gas EUR: 97.57 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.131150 INITIAL REVENUE INTEREST: 0.110644

All estimates and exhibits are part of this report and subject to its parameters and conditions.

PHDWIN ID: 79

NAME :

IPB\_HAWKINSON 16-22HSL1

FIELD : RESERVOIR : COUNTY, STATE : OAKDALE
THREE FORKS 1
DUNN, ND
CONTINENTAL RESOURCES

OPERATOR: CONTIN

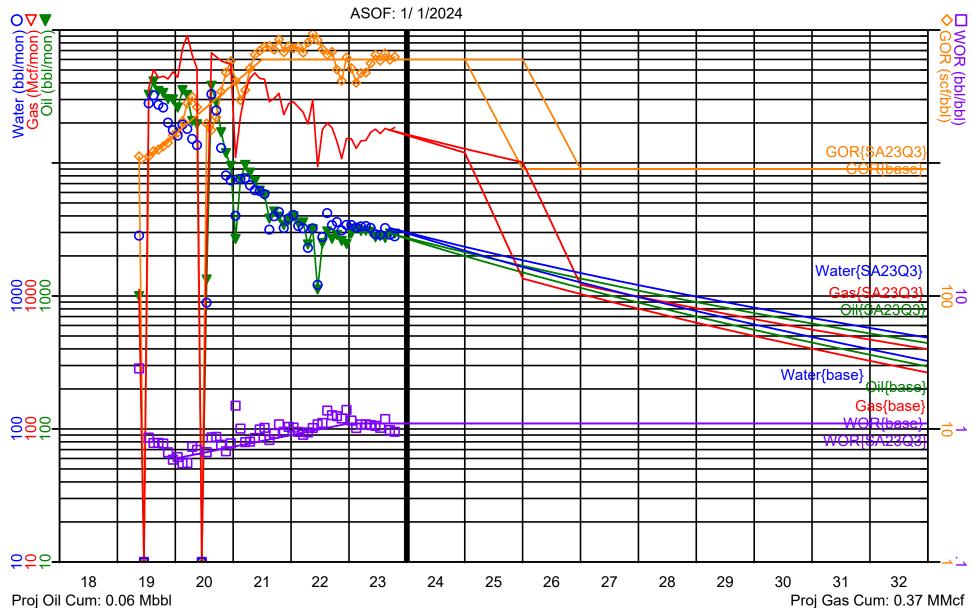
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	2.1	0.0	9.2	0.2	0.0	1.0	78.670	0.000	2.929	18.7	0.0	2.8	21.5
12-31-2025	2.8	0.0	37.8	0.3	0.0	3.9	78.670	0.000	2.929	24.7	0.0	11.5	36.2
12-31-2026	3.0	0.0	18.9	0.3	0.0	2.0	78.670	0.000	2.929	26.5	0.0	5.8	32.3
12-31-2027	3.0	0.0	2.7	0.3	0.0	0.3	78.670	0.000	2.929	26.4	0.0	0.8	27.2
12-31-2028	2.9	0.0	2.6	0.3	0.0	0.3	78.670	0.000	2.929	25.4	0.0	0.8	26.2
12-31-2029	2.7	0.0	2.5	0.3	0.0	0.3	78.670	0.000	2.929	23.8	0.0	0.8	24.6
12-31-2030	2.6	0.0	2.3	0.3	0.0	0.2	78.670	0.000	2.929	22.2	0.0	0.7	22.9
12-31-2031	2.4	0.0	2.1	0.3	0.0	0.2	78.670	0.000	2.929	20.6	0.0	0.6	21.3
12-31-2032	2.4	0.0	2.1	0.3	0.0	0.2	78.670	0.000	2.929	20.7	0.0	0.7	21.3
12-31-2033	3.6	0.0	3.3	0.4	0.0	0.3	78.670	0.000	2.929	31.6	0.0	1.0	32.6
12-31-2034	3.2	0.0	2.9	0.4	0.0	0.3	78.670	0.000	2.929	27.9	0.0	0.9	28.7
12-31-2035	2.8	0.0	2.6	0.3	0.0	0.3	78.670	0.000	2.929	24.8	0.0	0.8	25.5
12-31-2036	2.6	0.0	2.3	0.3	0.0	0.2	78.670	0.000	2.929	22.2	0.0	0.7	22.9
12-31-2037	2.3	0.0	2.1	0.3	0.0	0.2	78.670	0.000	2.929	19.9	0.0	0.6	20.6
12-31-2038	2.1	0.0	1.9	0.2	0.0	0.2	78.670	0.000	2.929	17.9	0.0	0.6	18.5
SUBTOTAL	40.6	0.0	95.2	4.5	0.0	9.9	78.670	0.000	2.929	353.3	0.0	29.0	382.4
REMAINING	1.5	0.0	1.3	0.2	0.0	0.1	78.670	0.000	2.929	12.9	0.0	0.4	13.3
TOTAL	42.1	0.0	96.6	4.7	0.0	10.0	78.670	0.000	2.929	366.2	0.0	29.4	395.6
CUM PROD	0.2	0.0	1.0										
ULTIMATE	42.3	0.0	97.6										

		_		NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE .	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	INTED	DISCOUNTEI	O AT 10%	PRESENT WC	RTH PROFILE
ENDING	COMPLET	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	2.2	0.0	1.6	17.7	17.7	16.7	16.7	0	575.8
12-31-2025	0	0.0	0.0	3.0	0.0	2.3	30.8	48.6	26.4	43.1	5	500.6
12-31-2026	0	0.0	0.0	3.1	0.0	2.3	26.8	75.4	20.9	64.0	8	462.9
12-31-2027	0	0.0	0.0	3.0	0.0	2.2	22.0	97.4	15.5	79.5	10	440.5
12-31-2028	0	0.0	0.0	2.9	0.0	2.1	21.2	118.6	13.5	93.0	12	419.9
12-31-2029	0	0.0	0.0	2.8	0.0	2.0	19.9	138.5	11.5	104.4	15	392.2
12-31-2030	0	0.0	0.0	2.6	0.0	1.8	18.5	157.0	9.7	114.1	20	353.2
12-31-2031	0	0.0	0.0	2.4	0.0	1.7	17.2	174.2	8.1	122.2	30	294.5
12-31-2032	0	0.0	0.0	2.4	0.0	3.0	15.9	190.1	6.8	129.0	40	252.7
12-31-2033	1	0.1	0.0	3.6	-19.7	15.7	32.9	223.0	12.5	141.5	50	221.5
12-31-2034	1	0.1	0.0	3.2	0.0	15.4	10.2	233.2	3.6	145.1		
12-31-2035	1	0.1	0.0	2.9	0.0	15.1	7.6	240.7	2.4	147.5		
12-31-2036	1	0.1	0.0	2.6	0.0	14.9	5.5	246.2	1.6	149.0		
12-31-2037	1	0.1	0.0	2.3	0.0	14.7	3.5	249.7	0.9	150.0		
12-31-2038	1	0.1	0.0	2.1	0.0	14.5	1.9	251.6	0.4	150.4		
SUBTOTAL			0.0	41.0	-19.7	109.4	251.6	251.6	150.4	150.4		
REMAINING			0.0	1.5	19.7	11.3	-19.1	-19.1	-3.6	146.8		
TOTAL OF 15.8 YE	RS		0.0	42.5	0.0	120.6	232.5	232.5	146.8	146.8		

Case Name: iPB CARUS 12-28HSL1

API Number: 33-025-03596 NDIC FILE No: 35587 Reservoir: THREE FORKS 1 Perfs: 11793-22018

CTB No: 235547



Oil Rem: 33.58 Mbbl Oil EUR: 33.65 Mbbl Proj Gas Cum: 0.37 MMcf Gas Rem: 146.61 MMcf Gas EUR: 146.99 MMcf

#### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

0.1

33.6

0.0

0.0

0.4

147.0

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.044015 INITIAL REVENUE INTEREST: 0.037041

PHDWIN ID: 80

CUM PROD

ULTIMATE

NAME: IPB\_CARUS 12-28HSL1
FIELD: CEDAR COULEE
RESERVOIR: THREE FORKS 1
COUNTY, STATE: DUNN, ND

OPERATOR: DONN, ND

CONTINENTAL RESOURCES

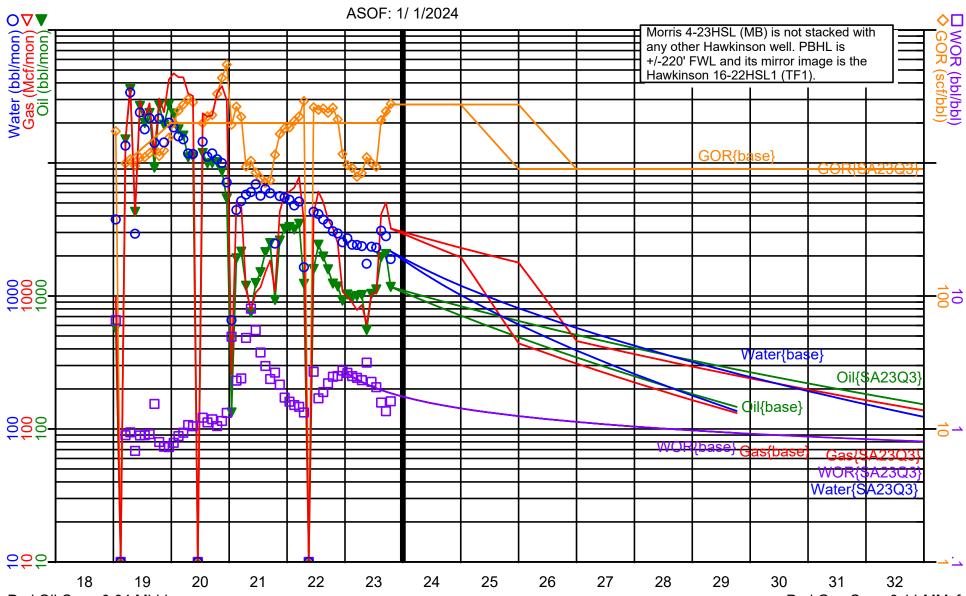
GROSS RESERVES NET RESERVES AVERAGE PRICES GROSS REVENUE PERIOD OIL OIL NGL TOTAL **ENDING** NGL GAS OIL NGL GAS OIL NGL GAS GAS M-D-Y MBBL MGAL MMCF MBBL MGAL MMCF \$/BBL \$/GAL \$/MCF M\$ M\$ M\$ M\$ 12-31-2024 1.1 0.0 6.9 0.0 3.3 0.0 0.7 4.1 0.0 0.2 78.670 0.000 2.929 2.0 78.3 13.7 12-31-2025 0.0 0.1 0.0 2.7 78.670 0.000 2.929 5.7 0.0 8.0 12-31-2026 2.3 0.0 36.2 0.1 0.0 78.670 0.000 6.8 0.0 3.7 10.5 1.3 2.929 12-31-2027 2.5 0.0 2.2 0.1 0.0 0.1 78.6700.000 2.929 7.2 0.0 0.2 7.4 12-31-2028 2.4 0.0 2.2 0.1 0.0 0.000 7.1 0.0 0.2 7.3 0.1 78.670 2.929 12-31-2029 2.3 0.0 2.1 0.1 0.0 0.1 78.670 0.000 2.929 6.8 0.0 0.2 7.0 2.2 12-31-2030 0.0 2.0 0.1 0.0 0.1 78.670 0.000 2.929 6.3 0.0 0.2 6.5 2.0 0.0 0.1 5.9 0.2 6.0 12-31-2031 1.8 0.0 0.1 78.670 0.000 2.929 0.0 12-31-2032 1.8 0.0 1.7 0.1 0.0 5.4 0.2 5.6 0.1 78.670 0.000 2.929 0.0 1.5 12-31-2033 1.7 0.0 0.1 0.0 4.9 0.0 0.2 5.1 0.1 78.670 0.0002.929 1.5 0.0 1.4 0.1 0.0 4.5 0.0 0.1 4.6 12-31-2034 0.0 78.670 0.000 2.929 12-31-2035 1.4 0.0 1.3 0.1 0.0 0.0 78.670 0.000 2.929 4.1 0.0 0.1 4.2 1.8 0.0 0.1 0.0 0.0 0.2 5.4 12-31-2036 1.6 0.1 78.670 0.000 2.929 5.2 12-31-2037 2.7 0.0 2.4 0.1 0.0 78.670 0.000 7.9 0.0 0.2 8.1 0.1 2.929 12-31-2038 2.4 0.0 2.1 0.1 0.0 78.670 0.000 6.9 0.0 0.2 7.1 0.1 2.929 30.2 102.6 SUBTOTAL 0.0 143.6 1.1 0.0 5.0 78.670 0.000 2.929 88.0 0.0 14.6 REMAINING 3.4 0.0 3.1 0.1 0.0 0.1 78.670 0.000 2.929 9.9 0.0 0.3 10.2 TOTAL 33.6 0.0 146.6 1.2 0.0 5.1 78.670 0.000 2.929 97.9 0.0 15.0 112.8

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.4	0.0	0.3	3.4	3.4	3.2	3.2	0	321.3
12-31-2025	0	0.0	0.0	0.8	0.0	0.6	12.3	15.7	10.5	13.7	5	275.8
12-31-2026	0	0.0	0.0	0.8	0.0	0.6	9.1	24.8	7.1	20.8	8	253.6
12-31-2027	0	0.0	0.0	0.8	0.0	0.5	6.0	30.8	4.2	25.0	10	240.5
12-31-2028	0	0.0	0.0	0.8	0.0	0.5	6.0	36.8	3.8	28.9	12	228.7
12-31-2029	0	0.0	0.0	0.8	0.0	0.5	5.7	42.5	3.3	32.1	15	212.9
12-31-2030	0	0.0	0.0	0.7	0.0	0.5	5.3	47.9	2.8	34.9	20	190.8
12-31-2031	0	0.0	0.0	0.7	0.0	0.4	4.9	52.8	2.3	37.3	30	158.0
12-31-2032	0	0.0	0.0	0.6	0.0	0.4	4.5	57.3	1.9	39.2	40	134.9
12-31-2033	0	0.0	0.0	0.6	0.0	0.4	4.1	61.5	1.6	40.8	50	117.8
12-31-2034	0	0.0	0.0	0.5	0.0	0.3	3.8	65.3	1.3	42.1		
12-31-2035	0	0.0	0.0	0.5	0.0	0.3	3.4	68.7	1.1	43.2		
12-31-2036	0	0.0	0.0	0.6	0.0	1.7	3.1	71.8	0.9	44.1		
12-31-2037	1	0.0	0.0	0.9	-6.6	5.0	8.9	80.6	2.3	46.4		
12-31-2038	1	0.0	0.0	0.8	0.0	4.9	1.4	82.1	0.3	46.7		
SUBTOTAL			0.0	10.3	-6.6	16.8	82.1	82.1	46.7	46.7		
REMAINING			0.0	1.1	6.6	8.2	-5.7	-5.7	-0.9	45.8		
TOTAL OF 16.7 Y	RS		0.0	11.5	0.0	25.0	76.4	76.4	45.8	45.8		

Case Name: iPB MORRIS 4-23HSL

API Number: 33-025-03402 NDIC FILE No: 34353 Reservoir: MIDDLE BAKKEN Perfs: 11537-21717

CTB No: 134353



Proj Oil Cum: 0.04 Mbbl Oil Rem: 18.40 Mbbl Oil EUR: 18.44 Mbbl Proj Gas Cum: 0.11 MMcf Gas Rem: 34.53 MMcf Gas EUR: 34.64 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

All estimates and exhibits are part of this report and subject to its parameters and conditions.

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.131150 INITIAL REVENUE INTEREST : 0.110644

PHDWIN ID: 83

NAME: FIELD:

IPB MORRIS 4-23HSL

OAKDALE RESERVOIR: MIDDLE BAKKEN

COUNTY, STATE: OPERATOR:

DUNN, ND CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	1.0	0.0	2.8	0.1	0.0	0.3	78.670	0.000	2.929	9.0	0.0	0.9	9.9
12-31-2025	1.7	0.0	12.2	0.2	0.0	1.3	78.670	0.000	2.929	15.2	0.0	3.7	18.9
12-31-2026	2.0	0.0	7.2	0.2	0.0	0.8	78.670	0.000	2.929	17.1	0.0	2.2	19.3
12-31-2027	1.9	0.0	1.7	0.2	0.0	0.2	78.670	0.000	2.929	16.9	0.0	0.5	17.4
12-31-2028	1.8	0.0	1.6	0.2	0.0	0.2	78.670	0.000	2.929	15.8	0.0	0.5	16.3
12-31-2029	2.0	0.0	1.8	0.2	0.0	0.2	78.670	0.000	2.929	17.8	0.0	0.6	18.4
12-31-2030	2.9	0.0	2.6	0.3	0.0	0.3	78.670	0.000	2.929	25.3	0.0	0.8	26.1
12-31-2031	2.4	0.0	2.2	0.3	0.0	0.2	78.670	0.000	2.929	20.9	0.0	0.7	21.6
12-31-2032	2.0	0.0	1.8	0.2	0.0	0.2	78.670	0.000	2.929	17.5	0.0	0.6	18.1
12-31-2033	0.5	0.0	0.5	0.1	0.0	0.0	78.670	0.000	2.929	4.6	0.0	0.1	4.8
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	18.4	0.0	34.5	2.0	0.0	3.6	78.670	0.000	2.929	160.2	0.0	10.5	170.7
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	18.4	0.0	34.5	2.0	0.0	3.6	78.670	0.000	2.929	160.2	0.0	10.5	170.7
CUM PROD	0.0	0.0	0.1										
ULTIMATE	18.4	0.0	34.6										

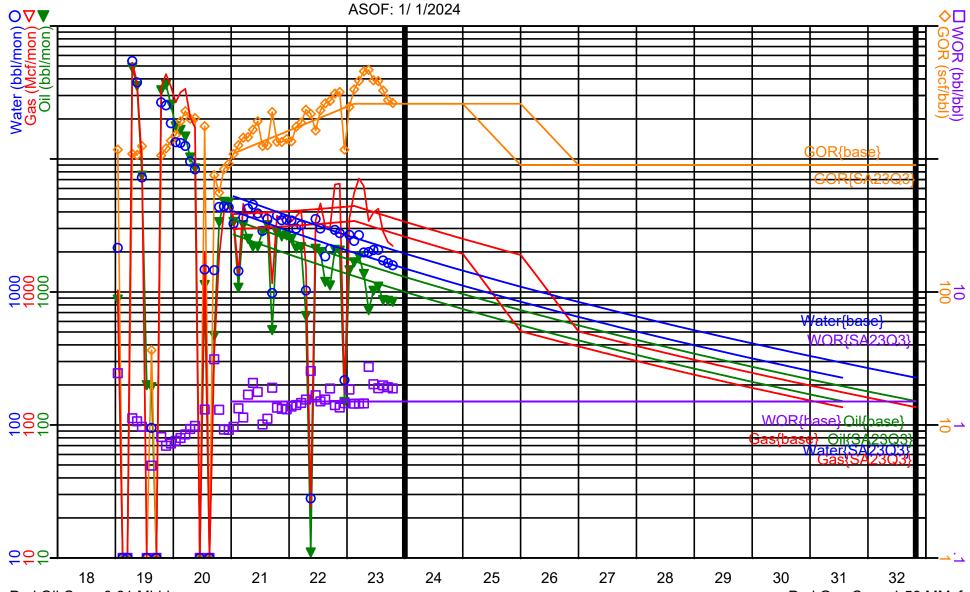
				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	OAT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	1.0	0.0	0.9	8.0	8.0	7.5	7.5	0	225.7
12-31-2025	0	0.0	0.0	1.8	0.0	1.4	15.7	23.7	13.5	20.9	5	207.0
12-31-2026	0	0.0	0.0	2.0	0.0	1.4	15.9	39.6	12.4	33.3	8	196.4
12-31-2027	0	0.0	0.0	1.9	0.0	1.2	14.2	53.9	10.0	43.3	10	189.7
12-31-2028	0	0.0	0.0	1.8	0.0	1.1	13.4	67.3	8.5	51.9	12	183.3
12-31-2029	0	0.0	0.0	2.1	0.0	4.4	12.0	79.2	6.9	58.8	15	174.2
12-31-2030	1	0.1	0.0	2.9	-19.7	14.6	28.2	107.5	14.5	73.3	20	160.5
12-31-2031	1	0.1	0.0	2.4	0.0	14.3	4.9	112.3	2.3	75.6	30	137.6
12-31-2032	1	0.1	0.0	2.0	0.0	14.1	2.0	114.3	0.8	76.4	40	119.8
12-31-2033	1	0.1	0.0	0.5	0.0	4.1	0.1	114.4	0.1	76.5	50	105.8
12-31-2034	0	0.0	0.0	0.0	19.7	0.0	-19.7	94.8	-7.1	69.4		
SUBTOTAL			0.0	18.6	0.0	57.3	94.8	94.8	69.4	69.4		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	69.4		
TOTAL OF 9.3 YR	RS		0.0	18.6	0.0	57.3	94.8	94.8	69.4	69.4		

3P Filter

Case Name: iPB MORRIS 5-23H2

API Number: 33-025-03401 NDIC FILE No: 34352 Reservoir: THREE FORKS 2 Perfs: 11666-21937

CTB No: 134352



Proj Oil Cum: 0.61 Mbbl Oil Rem: 14.03 Mbbl Oil EUR: 14.64 Mbbl Proj Gas Cum: 1.58 MMcf Gas Rem: 34.92 MMcf Gas EUR: 36.51 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

All estimates and exhibits are part of this report and subject to its parameters and conditions.

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070182 INITIAL REVENUE INTEREST: 0.059458

PHDWIN ID: 84

NAME: IPB\_MORRIS 5-23H2
FIELD: OAKDALE
RESERVOIR: THREE FORKS 2
COUNTY, STATE: DUNN, ND

OPERATOR:

DUNN, ND CONTINENTAL RESOURCES

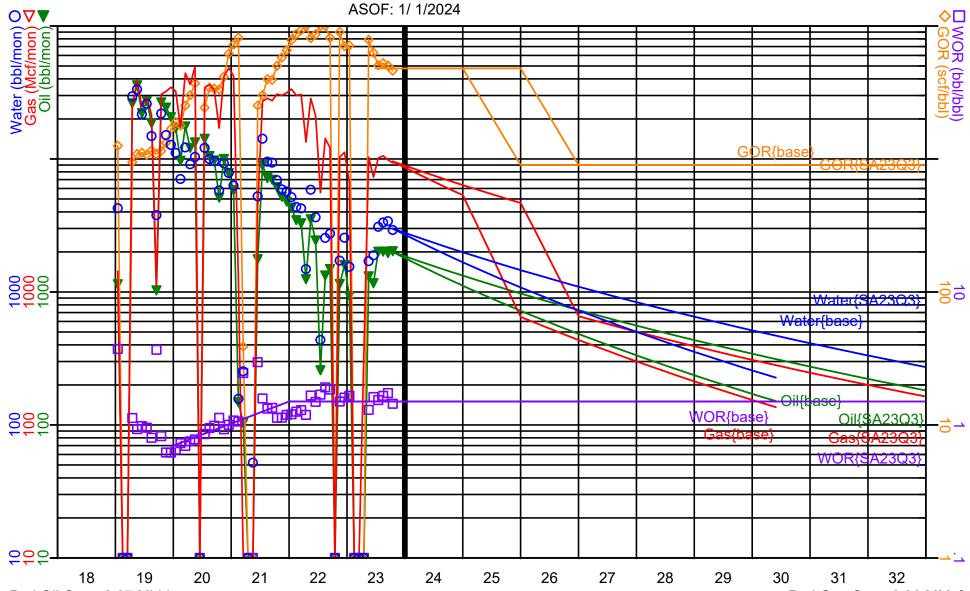
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	3.1	0.0	8.0	0.2	0.0	0.4	78.670	0.000	2.929	14.4	0.0	1.3	15.7
12-31-2025	2.3	0.0	13.4	0.1	0.0	0.8	78.670	0.000	2.929	10.8	0.0	2.2	13.0
12-31-2026	1.8	0.0	7.3	0.1	0.0	0.4	78.670	0.000	2.929	8.2	0.0	1.2	9.4
12-31-2027	1.4	0.0	1.2	0.1	0.0	0.1	78.670	0.000	2.929	6.4	0.0	0.2	6.6
12-31-2028	1.1	0.0	1.0	0.1	0.0	0.1	78.670	0.000	2.929	5.0	0.0	0.2	5.1
12-31-2029	0.8	0.0	0.8	0.1	0.0	0.0	78.670	0.000	2.929	3.9	0.0	0.1	4.1
12-31-2030	0.7	0.0	0.6	0.0	0.0	0.0	78.670	0.000	2.929	3.1	0.0	0.1	3.2
12-31-2031	1.3	0.0	1.2	0.1	0.0	0.1	78.670	0.000	2.929	6.2	0.0	0.2	6.4
12-31-2032	1.6	0.0	1.5	0.1	0.0	0.1	78.670	0.000	2.929	7.6	0.0	0.2	7.9
12-31-2033	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	14.0	0.0	34.9	0.8	0.0	2.0	78.670	0.000	2.929	65.6	0.0	5.7	71.4
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	14.0	0.0	34.9	0.8	0.0	2.0	78.670	0.000	2.929	65.6	0.0	5.7	71.4
CUM PROD	0.6	0.0	1.6	0.0	0.0	2.0	. 0.070	0.000	3.727	02.0	0.0	2.7	,
ULTIMATE	14.6	0.0	36.5										
CLIMITE	14.0	0.0	50.5										

		_		NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WC	RTH PROFILE
ENDING	COMPLE?	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	1.7	0.0	1.4	12.7	12.7	12.1	12.1	0	137.2
12-31-2025	0	0.0	0.0	1.3	0.0	1.0	10.7	23.4	9.2	21.2	5	126.2
12-31-2026	0	0.0	0.0	1.0	0.0	0.8	7.7	31.0	6.0	27.2	8	120.1
12-31-2027	0	0.0	0.0	0.7	0.0	0.6	5.2	36.2	3.7	30.9	10	116.1
12-31-2028	0	0.0	0.0	0.6	0.0	0.5	4.1	40.4	2.6	33.5	12	112.4
12-31-2029	0	0.0	0.0	0.5	0.0	0.4	3.2	43.6	1.9	35.4	15	107.1
12-31-2030	0	0.0	0.0	0.4	0.0	0.3	2.6	46.2	1.4	36.7	20	99.0
12-31-2031	0	0.0	0.0	0.7	0.0	3.8	1.9	48.1	0.9	37.6	30	85.5
12-31-2032	1	0.1	0.0	0.9	-10.5	6.4	11.1	59.2	4.7	42.4	40	74.8
12-31-2033	0	0.0	0.0	0.0	10.5	0.0	-10.5	48.7	-4.0	38.4	50	66.4
SUBTOTAL			0.0	7.6	0.0	15.1	48.7	48.7	38.4	38.4		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.4		
TOTAL OF 8.8 Y	RS		0.0	7.6	0.0	15.1	48.7	48.7	38.4	38.4		

Case Name: iPB\_MORRIS 6-23H API Number: 33-025-03400

API Number: 33-025-03400 NDIC FILE No: 34351

Reservoir: MIDDLE BAKKEN Perfs: 11538-17976 CTB No: 134351



Proj Oil Cum: 0.07 Mbbl Oil Rem: 25.42 Mbbl Oil EUR: 25.49 Mbbl Proj Gas Cum: 0.36 MMcf Gas Rem: 81.54 MMcf Gas EUR: 81.90 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

All estimates and exhibits are part of this report and subject to its parameters and conditions.

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070182 INITIAL REVENUE INTEREST : 0.059458

PHDWIN ID: 85

IPB MORRIS 6-23H

OAKDALE FIELD: RESERVOIR: MIDDLE BAKKEN

COUNTY, STATE: OPERATOR:

NAME:

DUNN, ND CONTINENTAL RESOURCES

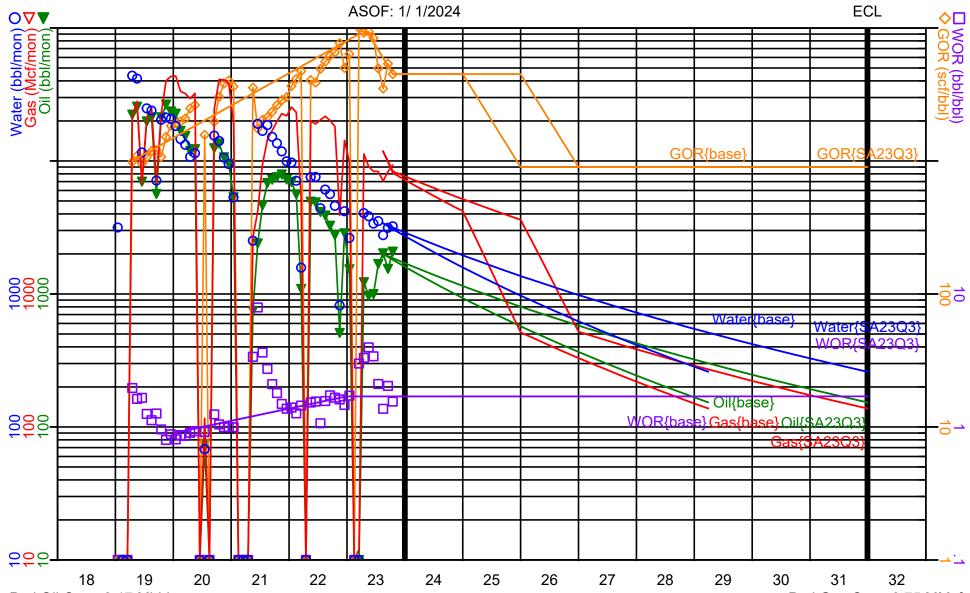
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	1.8	0.0	8.6	0.1	0.0	0.5	78.670	0.000	2.929	8.4	0.0	1.4	9.8
12-31-2025	2.8	0.0	38.8	0.2	0.0	2.2	78.670	0.000	2.929	13.3	0.0	6.4	19.7
12-31-2026	3.0	0.0	18.1	0.2	0.0	1.0	78.670	0.000	2.929	14.1	0.0	3.0	17.0
12-31-2027	2.8	0.0	2.5	0.2	0.0	0.1	78.670	0.000	2.929	13.2	0.0	0.4	13.7
12-31-2028	2.5	0.0	2.3	0.2	0.0	0.1	78.670	0.000	2.929	11.9	0.0	0.4	12.3
12-31-2029	2.2	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	10.4	0.0	0.3	10.7
12-31-2030	2.9	0.0	2.6	0.2	0.0	0.1	78.670	0.000	2.929	13.6	0.0	0.4	14.0
12-31-2031	3.0	0.0	2.7	0.2	0.0	0.1	78.670	0.000	2.929	13.9	0.0	0.4	14.3
12-31-2032	2.4	0.0	2.2	0.1	0.0	0.1	78.670	0.000	2.929	11.3	0.0	0.4	11.7
12-31-2033	1.9	0.0	1.7	0.1	0.0	0.1	78.670	0.000	2.929	8.9	0.0	0.3	9.2
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	25.4	0.0	81.5	1.5	0.0	4.6	78.670	0.000	2.929	118.9	0.0	13.3	132.3
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	25.4	0.0	81.5	1.5	0.0	4.6	78.670	0.000	2.929	118.9	0.0	13.3	132.3
CUM PROD	0.1	0.0	0.4										
ULTIMATE	25.5	0.0	81.9										

				NET DEDUCTIONS	E/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	FACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	1.0	0.0	0.8	8.0	8.0	7.5	7.5	0	219.0
12-31-2025	0	0.0	0.0	1.6	0.0	1.4	16.6	24.6	14.2	21.8	5	199.7
12-31-2026	0	0.0	0.0	1.7	0.0	1.4	14.0	38.7	10.9	32.7	8	189.2
12-31-2027	0	0.0	0.0	1.5	0.0	1.2	10.9	49.6	7.7	40.4	10	182.6
12-31-2028	0	0.0	0.0	1.4	0.0	1.1	9.8	59.4	6.2	46.6	12	176.4
12-31-2029	0	0.0	0.0	1.2	0.0	1.0	8.5	67.9	4.9	51.5	15	167.7
12-31-2030	0	0.0	0.0	1.6	0.0	5.5	7.0	74.9	3.6	55.2	20	154.7
12-31-2031	1	0.1	0.0	1.6	-10.5	8.3	14.9	89.8	7.1	62.3	30	133.4
12-31-2032	1	0.1	0.0	1.3	0.0	8.0	2.3	92.1	1.0	63.3	40	116.9
12-31-2033	1	0.1	0.0	1.0	0.0	7.5	0.6	92.8	0.3	63.5	50	103.9
12-31-2034	0	0.0	0.0	0.0	10.5	0.0	-10.5	82.2	-3.5	60.0		
SUBTOTAL			0.0	13.9	0.0	36.2	82.2	82.2	60.0	60.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0		
TOTAL OF 10.0 Y	'RS		0.0	13.9	0.0	36.2	82.2	82.2	60.0	60.0		

Case Name: iPB MORRIS 7-26H2

API Number: 33-025-03525 NDIC FILE No: 35109 Reservoir: THREE FORKS 2 Perfs: 11705-18713

CTB No: 235080



Proj Oil Cum: 0.17 Mbbl Oil Rem: 19.46 Mbbl

Oil EUR: 19.63 Mbbl

Proj Gas Cum: 0.75 MMcf Gas Rem: 65.26 MMcf

Gas EUR: 66.01 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.050722 INITIAL REVENUE INTEREST : 0.042971

PHDWIN ID: 86

IPB MORRIS 7-26H2 NAME:

OAKDALE FIELD: RESERVOIR: THREE FORKS 2 COUNTY, STATE:

DUNN, ND CONTINENTAL RESOURCES OPERATOR:

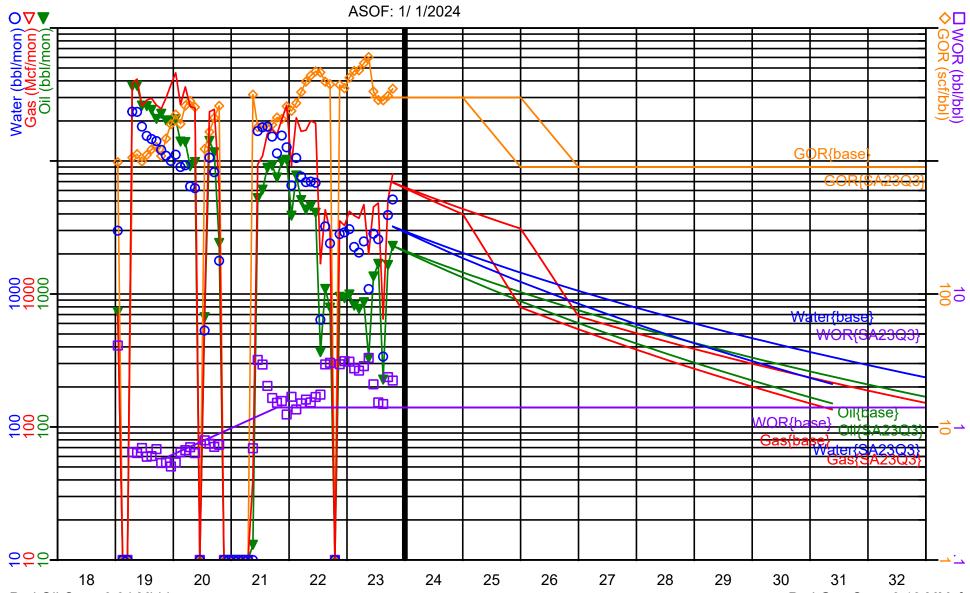
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	2.1	0.0	9.4	0.1	0.0	0.4	78.670	0.000	2.929	7.0	0.0	1.1	8.1
12-31-2025	2.7	0.0	31.0	0.1	0.0	1.3	78.670	0.000	2.929	9.3	0.0	3.7	12.9
12-31-2026	2.7	0.0	14.1	0.1	0.0	0.6	78.670	0.000	2.929	9.0	0.0	1.7	10.7
12-31-2027	2.4	0.0	2.1	0.1	0.0	0.1	78.670	0.000	2.929	8.0	0.0	0.3	8.2
12-31-2028	2.0	0.0	1.8	0.1	0.0	0.1	78.670	0.000	2.929	6.8	0.0	0.2	7.1
12-31-2029	2.9	0.0	2.6	0.1	0.0	0.1	78.670	0.000	2.929	9.9	0.0	0.3	10.2
12-31-2030	2.6	0.0	2.4	0.1	0.0	0.1	78.670	0.000	2.929	8.9	0.0	0.3	9.1
12-31-2031	2.0	0.0	1.8	0.1	0.0	0.1	78.670	0.000	2.929	6.9	0.0	0.2	7.1
12-31-2032	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	19.5	0.0	65.3	0.8	0.0	2.6	78.670	0.000	2.929	65.8	0.0	7.7	73.5
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	19.5	0.0	65.3	0.8	0.0	2.6	78.670	0.000	2.929	65.8	0.0	7.7	73.5
CUM PROD	0.2	0.0	0.8										
ULTIMATE	19.6	0.0	66.0										

CLIMAIL	17.0	V	.0 00.	·								
		_		NET DEDUCTIONS	E/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	UNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.8	0.0	0.7	6.6	6.6	6.2	6.2	0	116.3
12-31-2025	0	0.0	0.0	1.1	0.0	1.0	10.8	17.3	9.2	15.4	5	108.3
12-31-2026	0	0.0	0.0	1.1	0.0	1.0	8.7	26.0	6.8	22.2	8	103.8
12-31-2027	0	0.0	0.0	0.9	0.0	0.8	6.5	32.5	4.6	26.8	10	100.9
12-31-2028	0	0.0	0.0	0.8	0.0	0.7	5.6	38.1	3.5	30.3	12	98.1
12-31-2029	0	0.0	0.0	1.1	0.0	4.9	4.2	42.3	2.4	32.7	15	94.1
12-31-2030	1	0.0	0.0	1.0	-7.6	6.0	9.8	52.0	5.2	37.9	20	88.0
12-31-2031	1	0.0	0.0	0.8	0.0	5.7	0.6	52.6	0.3	38.2	30	77.4
12-31-2032	0	0.0	0.0	0.0	7.6	0.0	-7.6	45.0	-3.1	35.1	40	68.9
											50	61.9
SUBTOTAL			0.0	7.7	0.0	20.8	45.0	45.0	35.1	35.1		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.1		
TOTAL OF 8.0 YR	S		0.0	7.7	0.0	20.8	45.0	45.0	35.1	35.1		

Case Name: iPB MORRIS 8-26H1

API Number: 33-025-03518 NDIC FILE No: 35082 Reservoir: THREE FORKS 1 Perfs: 11552-18618

CTB No: 235080



Proj Oil Cum: 0.04 Mbbl Oil Rem: 15.94 Mbbl

Oil EUR: 15.98 Mbbl

Proj Gas Cum: 0.13 MMcf Gas Rem: 45.09 MMcf Gas EUR: 45.22 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

All estimates and exhibits are part of this report and subject to its parameters and conditions.

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.069774 INITIAL REVENUE INTEREST :

PHDWIN ID: 87

NAME: IPB MORRIS 8-26H1 OAKDALE FIELD: RESERVOIR: THREE FORKS 1 COUNTY, STATE:

OPERATOR:

DUNN, ND CONTINENTAL RESOURCES

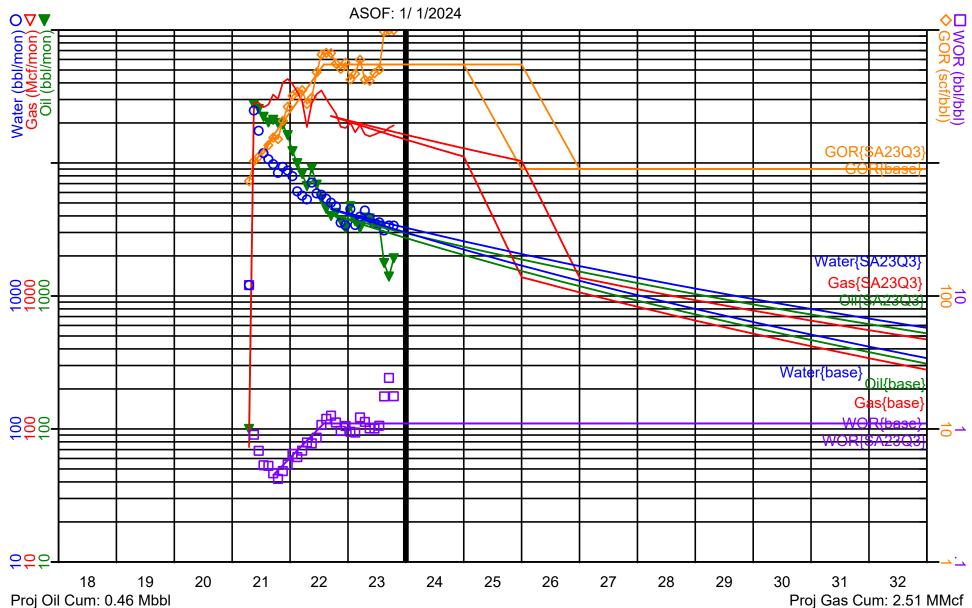
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	1.1	0.0	3.2	0.1	0.0	0.2	78.670	0.000	2.929	4.9	0.0	0.5	5.4
12-31-2025	1.7	0.0	20.5	0.1	0.0	1.1	78.670	0.000	2.929	7.9	0.0	3.3	11.3
12-31-2026	1.8	0.0	11.2	0.1	0.0	0.6	78.670	0.000	2.929	8.5	0.0	1.8	10.3
12-31-2027	1.7	0.0	1.6	0.1	0.0	0.1	78.670	0.000	2.929	8.1	0.0	0.3	8.4
12-31-2028	1.6	0.0	1.4	0.1	0.0	0.1	78.670	0.000	2.929	7.4	0.0	0.2	7.6
12-31-2029	1.4	0.0	1.3	0.1	0.0	0.1	78.670	0.000	2.929	6.5	0.0	0.2	6.7
12-31-2030	1.2	0.0	1.1	0.1	0.0	0.1	78.670	0.000	2.929	5.7	0.0	0.2	5.8
12-31-2031	2.1	0.0	1.9	0.1	0.0	0.1	78.670	0.000	2.929	9.7	0.0	0.3	10.0
12-31-2032	2.3	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	10.5	0.0	0.3	10.8
12-31-2033	1.1	0.0	1.0	0.1	0.0	0.1	78.670	0.000	2.929	4.9	0.0	0.2	5.1
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	15.9	0.0	45.1	0.9	0.0	2.5	78.670	0.000	2.929	74.1	0.0	7.3	81.4
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	15.9	0.0	45.1	0.9	0.0	2.5	78.670	0.000	2.929	74.1	0.0	7.3	81.4
CUM PROD	0.0	0.0	0.1										
ULTIMATE	16.0	0.0	45.2										

				NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	INTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.6	0.0	0.4	4.4	4.4	4.2	4.2	0	223.0
12-31-2025	0	0.0	0.0	1.0	0.0	0.8	9.5	13.9	8.1	12.3	5	204.0
12-31-2026	0	0.0	0.0	1.0	0.0	0.8	8.6	22.5	6.7	19.0	8	193.6
12-31-2027	0	0.0	0.0	0.9	0.0	0.7	6.7	29.2	4.7	23.7	10	187.1
12-31-2028	0	0.0	0.0	0.9	0.0	0.6	6.1	35.3	3.9	27.6	12	180.9
12-31-2029	0	0.0	0.0	0.7	0.0	0.6	5.4	40.7	3.1	30.7	15	172.2
12-31-2030	0	0.0	0.0	0.7	0.0	0.5	4.7	45.4	2.4	33.1	20	159.2
12-31-2031	0	0.0	0.0	1.1	0.0	5.2	3.7	49.1	1.7	34.9	30	137.8
12-31-2032	1	0.1	0.0	1.2	-10.5	7.9	12.2	61.3	5.3	40.2	40	121.1
12-31-2033	1	0.1	0.0	0.6	0.0	4.2	0.3	61.6	0.1	40.3	50	107.9
12-31-2034	0	0.0	0.0	0.0	10.5	0.0	-10.5	51.1	-3.7	36.6		
SUBTOTAL			0.0	8.6	0.0	21.7	51.1	51.1	36.6	36.6		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.6		
TOTAL OF 9.6 YI	RS		0.0	8.6	0.0	21.7	51.1	51.1	36.6	36.6		

3P Filter

Case Name: iPB\_MORRIS 9-26H API Number: 33-025-03521 NDIC FILE No: 35085 Reservoir: MIDDLE BAKKEN Perfs: 11570-18873

CTB No: 235080



Oil Rem: 54.03 Mbbl Oil EUR: 54.48 Mbbl Proj Gas Cum: 2.51 MMcf Gas Rem: 177.89 MMcf Gas EUR: 180.39 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

All estimates and exhibits are part of this report and subject to its parameters and conditions.

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST: 0.059351

PHDWIN ID: 88

IPB\_MORRIS 9-26H OAKDALE

FIELD: OAKDALE RESERVOIR: MIDDLE BAKKEN

COUNTY, STATE : OPERATOR :

NAME:

STATE: DUNN, ND
R: CONTINENTAL RESOURCES

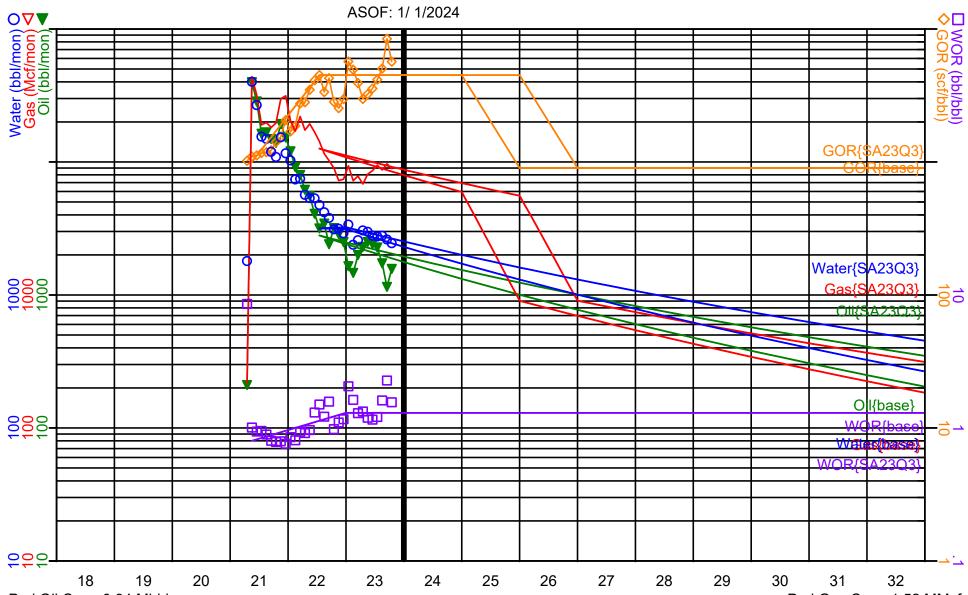
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES	<u> </u>		GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	3.4	0.0	18.5	0.2	0.0	1.0	78.670	0.000	2.929	15.7	0.0	3.0	18.8
12-31-2025	4.0	0.0	82.4	0.2	0.0	4.6	78.670	0.000	2.929	18.5	0.0	13.5	31.9
12-31-2026	4.1	0.0	38.6	0.2	0.0	2.2	78.670	0.000	2.929	19.2	0.0	6.3	25.5
12-31-2027	4.0	0.0	3.6	0.2	0.0	0.2	78.670	0.000	2.929	18.8	0.0	0.6	19.4
12-31-2028	3.8	0.0	3.4	0.2	0.0	0.2	78.670	0.000	2.929	17.8	0.0	0.6	18.4
12-31-2029	3.5	0.0	3.2	0.2	0.0	0.2	78.670	0.000	2.929	16.5	0.0	0.5	17.1
12-31-2030	3.3	0.0	2.9	0.2	0.0	0.2	78.670	0.000	2.929	15.2	0.0	0.5	15.7
12-31-2031	3.0	0.0	2.7	0.2	0.0	0.1	78.670	0.000	2.929	13.9	0.0	0.4	14.3
12-31-2032	2.7	0.0	2.4	0.2	0.0	0.1	78.670	0.000	2.929	12.6	0.0	0.4	13.0
12-31-2033	2.4	0.0	2.2	0.1	0.0	0.1	78.670	0.000	2.929	11.4	0.0	0.4	11.8
12-31-2034	2.2	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	10.3	0.0	0.3	10.6
12-31-2035	2.0	0.0	1.8	0.1	0.0	0.1	78.670	0.000	2.929	9.3	0.0	0.3	9.6
12-31-2036	1.8	0.0	1.6	0.1	0.0	0.1	78.670	0.000	2.929	8.5	0.0	0.3	8.7
12-31-2037	3.1	0.0	2.8	0.2	0.0	0.2	78.670	0.000	2.929	14.7	0.0	0.5	15.2
12-31-2038	2.9	0.0	2.6	0.2	0.0	0.1	78.670	0.000	2.929	13.5	0.0	0.4	13.9
SUBTOTAL	46.2	0.0	170.9	2.7	0.0	9.5	78.670	0.000	2.929	215.9	0.0	27.9	243.9
REMAINING	7.8	0.0	7.0	0.5	0.0	0.4	78.670	0.000	2.929	36.3	0.0	1.1	37.5
TOTAL	54.0	0.0	177.9	3.2	0.0	9.9	78.670	0.000	2.929	252.3	0.0	29.1	281.3
CUM PROD	0.5	0.0	2.5										
ULTIMATE	54.5	0.0	180.4										

		_		NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE .	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	INTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	1.9	0.0	1.2	15.7	15.7	14.9	14.9	0	600.1
12-31-2025	0	0.0	0.0	2.3	0.0	1.7	27.9	43.6	23.9	38.7	5	507.0
12-31-2026	0	0.0	0.0	2.3	0.0	1.5	21.7	65.3	16.9	55.6	8	462.7
12-31-2027	0	0.0	0.0	2.2	0.0	1.4	15.8	81.1	11.1	66.8	10	437.0
12-31-2028	0	0.0	0.0	2.1	0.0	1.3	15.1	96.2	9.6	76.4	12	414.0
12-31-2029	0	0.0	0.0	1.9	0.0	1.2	14.0	110.2	8.0	84.4	15	383.5
12-31-2030	0	0.0	0.0	1.8	0.0	1.1	12.8	123.0	6.7	91.1	20	341.5
12-31-2031	0	0.0	0.0	1.6	0.0	1.0	11.7	134.7	5.5	96.6	30	280.3
12-31-2032	0	0.0	0.0	1.5	0.0	0.9	10.7	145.3	4.6	101.2	40	238.0
12-31-2033	0	0.0	0.0	1.3	0.0	0.8	9.6	155.0	3.7	104.9	50	206.9
12-31-2034	0	0.0	0.0	1.2	0.0	0.7	8.7	163.7	3.1	108.0		
12-31-2035	0	0.0	0.0	1.1	0.0	0.7	7.9	171.6	2.5	110.5		
12-31-2036	0	0.0	0.0	1.0	0.0	0.6	7.2	178.7	2.1	112.5		
12-31-2037	0	0.0	0.0	1.7	0.0	7.5	6.0	184.7	1.6	114.1		
12-31-2038	1	0.1	0.0	1.6	-10.5	7.9	14.9	199.6	3.6	117.7		
SUBTOTAL			0.0	25.2	-10.5	29.5	199.6	199.6	117.7	117.7		
REMAINING			0.0	4.2	10.5	27.3	-4.5	-4.5	-0.3	117.4		
TOTAL OF 18.5 YI	RS		0.0	29.4	0.0	56.8	195.1	195.1	117.4	117.4		

Case Name: iPB MORRIS 10-26H2

API Number: 33-025-03522 NDIC FILE No: 35086 Reservoir: THREE FORKS 2 Perfs: 11715-18977

CTB No: 235080



Proj Oil Cum: 0.34 Mbbl Oil Rem: 35.01 Mbbl Oil EUR: 35.34 Mbbl Proj Gas Cum: 1.52 MMcf Gas Rem: 98.91 MMcf Gas EUR: 100.43 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST: 0.059351

PHDWIN ID: 89

IPB\_MORRIS 10-26H2

FIELD : RESERVOIR : COUNTY, STATE :

OAKDALE THREE FORKS 2

OPERATOR:

NAME:

: DUNN, ND CONTINENTAL RESOURCES

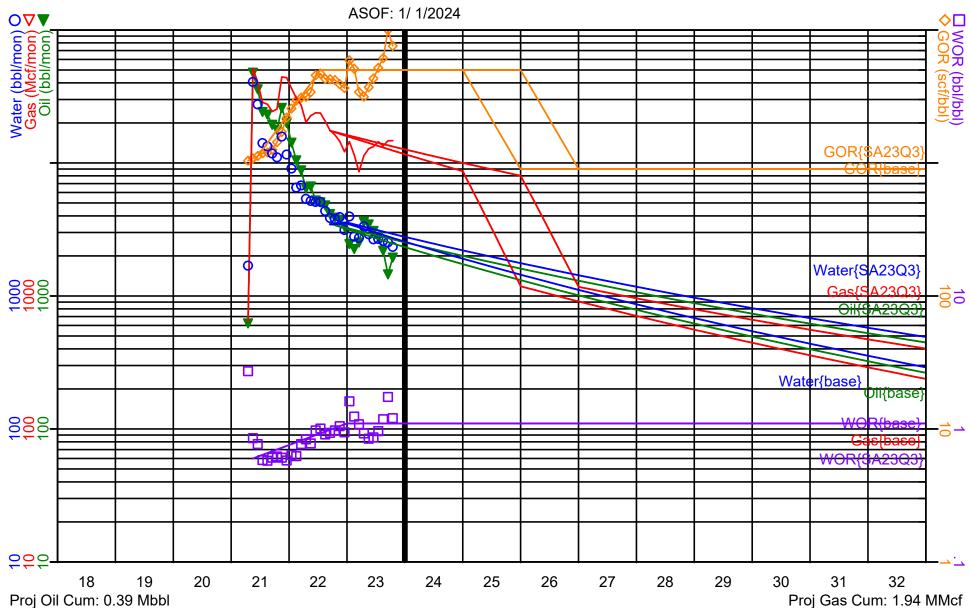
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES	<u> </u>		GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	2.4	0.0	10.8	0.1	0.0	0.6	78.670	0.000	2.929	11.2	0.0	1.8	13.0
12-31-2025	2.7	0.0	42.5	0.2	0.0	2.4	78.670	0.000	2.929	12.8	0.0	6.9	19.7
12-31-2026	2.8	0.0	21.2	0.2	0.0	1.2	78.670	0.000	2.929	13.1	0.0	3.5	16.6
12-31-2027	2.7	0.0	2.5	0.2	0.0	0.1	78.670	0.000	2.929	12.7	0.0	0.4	13.1
12-31-2028	2.6	0.0	2.3	0.2	0.0	0.1	78.670	0.000	2.929	12.0	0.0	0.4	12.4
12-31-2029	2.4	0.0	2.1	0.1	0.0	0.1	78.670	0.000	2.929	11.1	0.0	0.4	11.5
12-31-2030	2.2	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	10.2	0.0	0.3	10.5
12-31-2031	2.0	0.0	1.8	0.1	0.0	0.1	78.670	0.000	2.929	9.3	0.0	0.3	9.6
12-31-2032	1.8	0.0	1.6	0.1	0.0	0.1	78.670	0.000	2.929	8.5	0.0	0.3	8.7
12-31-2033	1.6	0.0	1.5	0.1	0.0	0.1	78.670	0.000	2.929	7.7	0.0	0.2	7.9
12-31-2034	2.1	0.0	1.9	0.1	0.0	0.1	78.670	0.000	2.929	9.6	0.0	0.3	9.9
12-31-2035	2.9	0.0	2.6	0.2	0.0	0.1	78.670	0.000	2.929	13.5	0.0	0.4	13.9
12-31-2036	2.5	0.0	2.3	0.1	0.0	0.1	78.670	0.000	2.929	11.8	0.0	0.4	12.1
12-31-2037	2.2	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	10.3	0.0	0.3	10.6
12-31-2038	1.9	0.0	1.7	0.1	0.0	0.1	78.670	0.000	2.929	9.0	0.0	0.3	9.3
SUBTOTAL	34.9	0.0	98.8	2.1	0.0	5.5	78.670	0.000	2.929	162.8	0.0	16.1	178.9
REMAINING	0.1	0.0	0.1	0.0	0.0	0.0	78.670	0.000	2.929	0.7	0.0	0.0	0.7
TOTAL	35.0	0.0	98.9	2.1	0.0	5.5	78.670	0.000	2.929	163.4	0.0	16.2	179.6
CUM PROD	0.3	0.0	1.5										
ULTIMATE	35.3	0.0	100.4										

		_		NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	INTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	1.3	0.0	1.0	10.7	10.7	10.1	10.1	0	341.5
12-31-2025	0	0.0	0.0	1.6	0.0	1.2	16.9	27.6	14.5	24.6	5	295.2
12-31-2026	0	0.0	0.0	1.6	0.0	1.2	13.8	41.5	10.8	35.4	8	272.1
12-31-2027	0	0.0	0.0	1.5	0.0	1.0	10.6	52.1	7.5	42.9	10	258.4
12-31-2028	0	0.0	0.0	1.4	0.0	1.0	10.0	62.1	6.4	49.3	12	245.9
12-31-2029	0	0.0	0.0	1.3	0.0	0.9	9.3	71.4	5.4	54.6	15	229.0
12-31-2030	0	0.0	0.0	1.2	0.0	0.8	8.5	79.9	4.4	59.1	20	205.2
12-31-2031	0	0.0	0.0	1.1	0.0	0.8	7.8	87.7	3.7	62.7	30	169.6
12-31-2032	0	0.0	0.0	1.0	0.0	0.7	7.1	94.8	3.0	65.7	40	144.4
12-31-2033	0	0.0	0.0	0.9	0.0	0.6	6.4	101.2	2.5	68.2	50	125.7
12-31-2034	0	0.0	0.0	1.1	0.0	3.2	5.7	106.8	2.0	70.2		
12-31-2035	1	0.1	0.0	1.6	-10.5	8.1	14.8	121.6	4.6	74.8		
12-31-2036	1	0.1	0.0	1.4	0.0	7.9	2.8	124.4	0.8	75.7		
12-31-2037	1	0.1	0.0	1.2	0.0	7.8	1.6	126.0	0.4	76.1		
12-31-2038	1	0.1	0.0	1.0	0.0	7.7	0.5	126.5	0.1	76.2		
SUBTOTAL			0.0	18.9	-10.5	44.0	126.5	126.5	76.2	76.2		
REMAINING			0.0	0.1	10.5	0.6	-10.5	-10.5	-2.1	74.1		
TOTAL OF 15.1 Y	RS		0.0	19.0	0.0	44.6	116.0	116.0	74.1	74.1		

Case Name: iPB MORRIS 11-26H

API Number: 33-025-03523 NDIC FILE No: 35087 Reservoir: MIDDLE BAKKEN Perfs: 11660-18938

CTB No: 235080



Oil Rem: 45.40 Mbbl Oil EUR: 45.79 Mbbl Proj Gas Cum: 1.94 MMcf Gas Rem: 139.19 MMcf Gas EUR: 141.13 MMcf

# PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

45.8

141.1

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : INITIAL REVENUE INTEREST :

PHDWIN ID: 90

ULTIMATE

AS OF JANUARY 1, 2024

NAME: FIELD:

IPB MORRIS 11-26H

OAKDALE MIDDLE BAKKEN

RESERVOIR:COUNTY, STATE : OPERATOR:

DUNN, ND CONTINENTAL RESOURCES

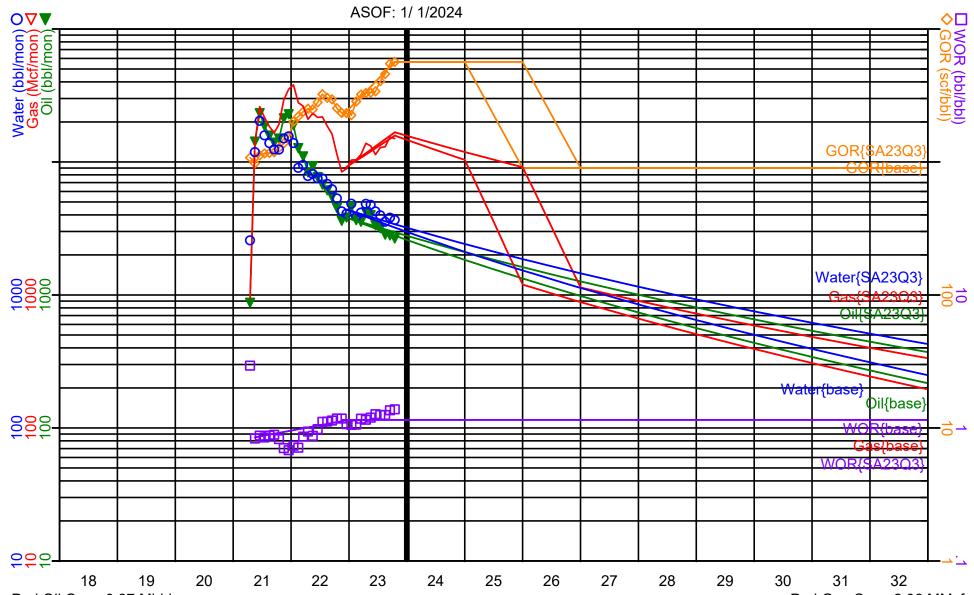
THOWIN ID.	90								•	SI EKATOK .	CONTINENTA	AL RESOURCES	
PERIOD	G	ROSS RESERVES			NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING M-D-Y	OIL MBBL	NGL MGAL	GAS MMCF	OIL MBBL	NGL MGAL	GAS MMCF	OIL \$/BBL	NGL \$/GAL	GAS \$/MCF	OIL M\$	NGL M\$	GAS M\$	TOTAL M\$
12-31-2024	2.9	0.0	14.4	0.2	0.0	0.8	78.670	0.000	2.929	13.4	0.0	2.4	15.8
12-31-2025	3.4	0.0	62.5	0.2	0.0	3.5	78.670	0.000	2.929	15.8	0.0	10.2	26.0
12-31-2026	3.5	0.0	30.2	0.2	0.0	1.7	78.670	0.000	2.929	16.4	0.0	4.9	21.3
12-31-2027	3.4	0.0	3.1	0.2	0.0	0.2	78.670	0.000	2.929	16.0	0.0	0.5	16.5
12-31-2028	3.3	0.0	2.9	0.2	0.0	0.2	78.670	0.000	2.929	15.2	0.0	0.5	15.7
12-31-2029	3.0	0.0	2.7	0.2	0.0	0.2	78.670	0.000	2.929	14.1	0.0	0.4	14.6
12-31-2030	2.8	0.0	2.5	0.2	0.0	0.1	78.670	0.000	2.929	13.0	0.0	0.4	13.4
12-31-2031	2.5	0.0	2.3	0.2	0.0	0.1	78.670	0.000	2.929	11.8	0.0	0.4	12.2
12-31-2032	2.3	0.0	2.1	0.1	0.0	0.1	78.670	0.000	2.929	10.8	0.0	0.3	11.1
12-31-2033	2.1	0.0	1.9	0.1	0.0	0.1	78.670	0.000	2.929	9.7	0.0	0.3	10.0
12-31-2034	1.9	0.0	1.7	0.1	0.0	0.1	78.670	0.000	2.929	8.8	0.0	0.3	9.1
12-31-2035	1.7	0.0	1.5	0.1	0.0	0.1	78.670	0.000	2.929	8.0	0.0	0.3	8.2
12-31-2036	2.9	0.0	2.6	0.2	0.0	0.1	78.670	0.000	2.929	13.7	0.0	0.4	14.1
12-31-2037	2.8	0.0	2.5	0.2	0.0	0.1	78.670	0.000	2.929	13.1	0.0	0.4	13.5
12-31-2038	2.5	0.0	2.2	0.1	0.0	0.1	78.670	0.000	2.929	11.5	0.0	0.4	11.9
SUBTOTAL	41.0	0.0	135.2	2.4	0.0	7.5	78.670	0.000	2.929	191.4	0.0	22.1	213.5
REMAINING	4.4	0.0	4.0	0.3	0.0	0.2	78.670	0.000	2.929	20.6	0.0	0.6	21.3
TOTAL	45.4	0.0	139.2	2.7	0.0	7.8	78.670	0.000	2.929	212.0	0.0	22.7	234.7
CUM PROD	0.4	0.0	1.9										

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	INTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING _	COMPLET	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	1.6	0.0	1.0	13.2	13.2	12.5	12.5	0	488.3
12-31-2025	0	0.0	0.0	2.0	0.0	1.4	22.6	35.8	19.3	31.8	5	415.9
12-31-2026	0	0.0	0.0	2.0	0.0	1.3	18.1	53.9	14.1	45.9	8	380.8
12-31-2027	0	0.0	0.0	1.8	0.0	1.2	13.5	67.4	9.5	55.4	10	360.4
12-31-2028	0	0.0	0.0	1.8	0.0	1.1	12.9	80.2	8.2	63.6	12	341.8
12-31-2029	0	0.0	0.0	1.6	0.0	1.0	11.9	92.2	6.9	70.5	15	317.2
12-31-2030	0	0.0	0.0	1.5	0.0	0.9	11.0	103.1	5.7	76.2	20	283.0
12-31-2031	0	0.0	0.0	1.4	0.0	0.9	10.0	113.1	4.7	80.9	30	232.8
12-31-2032	0	0.0	0.0	1.2	0.0	0.8	9.1	122.2	3.9	84.8	40	197.7
12-31-2033	0	0.0	0.0	1.1	0.0	0.7	8.2	130.4	3.2	88.0	50	172.0
12-31-2034	0	0.0	0.0	1.0	0.0	0.6	7.4	137.9	2.6	90.6		
12-31-2035	0	0.0	0.0	0.9	0.0	0.6	6.7	144.6	2.1	92.7		
12-31-2036	0	0.0	0.0	1.6	0.0	6.9	5.7	150.3	1.6	94.3		
12-31-2037	1	0.1	0.0	1.5	-10.5	7.9	14.6	164.9	3.9	98.2		
12-31-2038	1	0.1	0.0	1.3	0.0	7.8	2.7	167.6	0.6	98.9		
SUBTOTAL			0.0	22.3	-10.5	34.1	167.6	167.6	98.9	98.9		
REMAINING			0.0	2.4	10.5	16.7	-8.3	-8.3	-1.3	97.6		
TOTAL OF 17.2 Y	RS		0.0	24.7	0.0	50.7	159.3	159.3	97.6	97.6		

Case Name: iPB MORRIS 12-26H1

API Number: 33-025-04054 NDIC FILE No: 37713 Reservoir: THREE FORKS 1 Perfs: 11683-21932

CTB No: 235080



Proj Oil Cum: 0.37 Mbbl Oil Rem: 38.33 Mbbl Oil EUR: 38.70 Mbbl Proj Gas Cum: 2.06 MMcf Gas Rem: 149.72 MMcf Gas EUR: 151.78 MMcf

PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST: 0.059351

PHDWIN ID: 91

NAME: IPB\_MORRIS 12-26H1
FIELD: OAKDALE
RESERVOIR: THREE FORKS 1
COUNTY, STATE: DUNN, ND

COUNTY, STATE : DUNN, ND
OPERATOR : CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	2.8	0.0	16.0	0.2	0.0	0.9	78.670	0.000	2.929	13.2	0.0	2.6	15.9
12-31-2025	3.4	0.0	74.2	0.2	0.0	4.1	78.670	0.000	2.929	15.7	0.0	12.1	27.8
12-31-2026	3.4	0.0	33.6	0.2	0.0	1.9	78.670	0.000	2.929	16.0	0.0	5.5	21.5
12-31-2027	3.3	0.0	3.0	0.2	0.0	0.2	78.670	0.000	2.929	15.3	0.0	0.5	15.8
12-31-2028	3.0	0.0	2.7	0.2	0.0	0.2	78.670	0.000	2.929	14.2	0.0	0.4	14.7
12-31-2029	2.8	0.0	2.5	0.2	0.0	0.1	78.670	0.000	2.929	12.9	0.0	0.4	13.3
12-31-2030	2.5	0.0	2.2	0.1	0.0	0.1	78.670	0.000	2.929	11.6	0.0	0.4	11.9
12-31-2031	2.2	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	10.3	0.0	0.3	10.7
12-31-2032	2.0	0.0	1.8	0.1	0.0	0.1	78.670	0.000	2.929	9.2	0.0	0.3	9.5
12-31-2033	1.8	0.0	1.6	0.1	0.0	0.1	78.670	0.000	2.929	8.2	0.0	0.3	8.4
12-31-2034	1.9	0.0	1.7	0.1	0.0	0.1	78.670	0.000	2.929	8.7	0.0	0.3	9.0
12-31-2035	2.9	0.0	2.6	0.2	0.0	0.1	78.670	0.000	2.929	13.7	0.0	0.4	14.2
12-31-2036	2.5	0.0	2.3	0.1	0.0	0.1	78.670	0.000	2.929	11.8	0.0	0.4	12.2
12-31-2037	2.2	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	10.1	0.0	0.3	10.4
12-31-2038	1.7	0.0	1.5	0.1	0.0	0.1	78.670	0.000	2.929	7.9	0.0	0.2	8.2
SUBTOTAL	38.3	0.0	149.7	2.3	0.0	8.4	78.670	0.000	2.929	179.0	0.0	24.5	203.5
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	38.3	0.0	149.7	2.3	0.0	8.4	78.670	0.000	2.929	179.0	0.0	24.5	203.5
CUM PROD	0.4	0.0	2.1										
ULTIMATE	38.7	0.0	151.8										

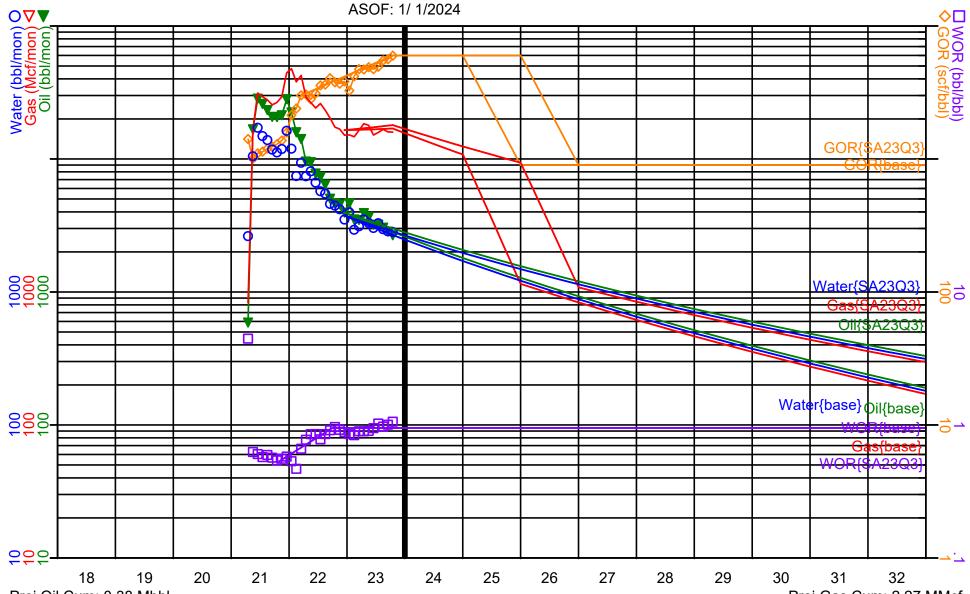
		_		NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	INTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	1.6	0.0	1.0	13.2	13.2	12.5	12.5	0	463.8
12-31-2025	0	0.0	0.0	2.0	0.0	1.5	24.4	37.6	20.8	33.3	5	404.8
12-31-2026	0	0.0	0.0	1.9	0.0	1.3	18.3	55.9	14.3	47.6	8	375.3
12-31-2027	0	0.0	0.0	1.8	0.0	1.1	12.9	68.8	9.1	56.7	10	357.7
12-31-2028	0	0.0	0.0	1.6	0.0	1.1	12.0	80.8	7.6	64.3	12	341.6
12-31-2029	0	0.0	0.0	1.5	0.0	1.0	10.8	91.6	6.3	70.6	15	319.8
12-31-2030	0	0.0	0.0	1.3	0.0	0.9	9.7	101.4	5.1	75.7	20	288.9
12-31-2031	0	0.0	0.0	1.2	0.0	0.8	8.7	110.1	4.1	79.8	30	241.8
12-31-2032	0	0.0	0.0	1.1	0.0	0.7	7.8	117.8	3.3	83.1	40	208.0
12-31-2033	0	0.0	0.0	0.9	0.0	0.6	6.9	124.7	2.7	85.8	50	182.5
12-31-2034	0	0.0	0.0	1.0	0.0	1.9	6.0	130.7	2.1	87.9		
12-31-2035	1	0.1	0.0	1.6	-10.5	8.0	15.1	145.8	4.7	92.6		
12-31-2036	1	0.1	0.0	1.4	0.0	7.9	2.9	148.8	0.8	93.4		
12-31-2037	1	0.1	0.0	1.2	0.0	7.7	1.5	150.3	0.4	93.8		
12-31-2038	1	0.1	0.0	0.9	0.0	6.8	0.4	150.7	0.1	93.9		
SUBTOTAL			0.0	20.9	-10.5	42.3	150.7	150.7	93.9	93.9		
REMAINING			0.0	0.0	10.5	0.0	-10.5	-10.5	-2.2	91.8		
TOTAL OF 14.9 YI	RS		0.0	20.9	0.0	42.3	140.2	140.2	91.8	91.8		

Case Name: iPB MORRIS 13-26H

API Number: 33-025-04055

NDIC FILE No: 37714

Reservoir: MIDDLE BAKKEN Perfs: 11552-21804 CTB No: 235080



Proj Oil Cum: 0.38 Mbbl Oil Rem: 35.13 Mbbl Oil EUR: 35.51 Mbbl

Proj Gas Cum: 2.27 MMcf Gas Rem: 152.58 MMcf Gas EUR: 154.85 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.070066 INITIAL REVENUE INTEREST :

PHDWIN ID: 92

NAME: FIELD:

IPB MORRIS 13-26H

OAKDALE RESERVOIR: MIDDLE BAKKEN COUNTY, STATE:

OPERATOR:

DUNN, ND CONTINENTAL RESOURCES

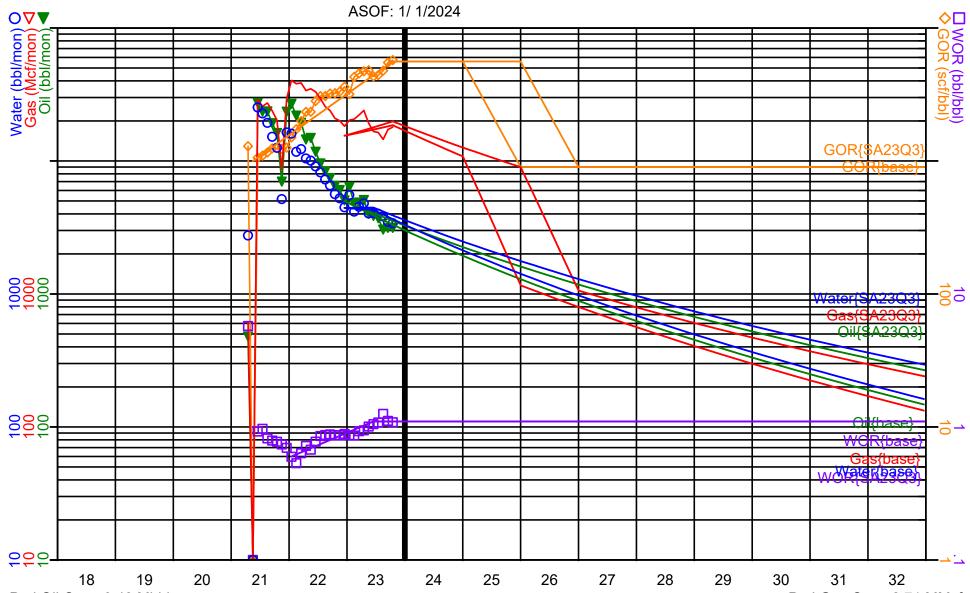
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	2.9	0.0	17.4	0.2	0.0	1.0	78.670	0.000	2.929	13.5	0.0	2.8	16.4
12-31-2025	3.4	0.0	78.0	0.2	0.0	4.4	78.670	0.000	2.929	15.7	0.0	12.8	28.4
12-31-2026	3.4	0.0	34.2	0.2	0.0	1.9	78.670	0.000	2.929	15.7	0.0	5.6	21.3
12-31-2027	3.2	0.0	2.9	0.2	0.0	0.2	78.670	0.000	2.929	14.8	0.0	0.5	15.3
12-31-2028	2.9	0.0	2.6	0.2	0.0	0.1	78.670	0.000	2.929	13.5	0.0	0.4	14.0
12-31-2029	2.6	0.0	2.3	0.2	0.0	0.1	78.670	0.000	2.929	12.1	0.0	0.4	12.5
12-31-2030	2.3	0.0	2.1	0.1	0.0	0.1	78.670	0.000	2.929	10.7	0.0	0.3	11.1
12-31-2031	2.0	0.0	1.8	0.1	0.0	0.1	78.670	0.000	2.929	9.5	0.0	0.3	9.8
12-31-2032	1.8	0.0	1.6	0.1	0.0	0.1	78.670	0.000	2.929	8.4	0.0	0.3	8.6
12-31-2033	1.6	0.0	1.4	0.1	0.0	0.1	78.670	0.000	2.929	7.4	0.0	0.2	7.6
12-31-2034	2.7	0.0	2.4	0.2	0.0	0.1	78.670	0.000	2.929	12.6	0.0	0.4	13.0
12-31-2035	2.6	0.0	2.3	0.2	0.0	0.1	78.670	0.000	2.929	12.0	0.0	0.4	12.3
12-31-2036	2.2	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	10.2	0.0	0.3	10.5
12-31-2037	1.7	0.0	1.5	0.1	0.0	0.1	78.670	0.000	2.929	7.9	0.0	0.2	8.2
12-31-2038	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	35.1	0.0	152.6	2.1	0.0	8.5	78.670	0.000	2.929	164.0	0.0	24.9	189.0
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	35.1	0.0	152.6	2.1	0.0	8.5	78.670	0.000	2.929	164.0	0.0	24.9	189.0
CUM PROD	0.4	0.0	2.3										
ULTIMATE	35.5	0.0	154.9										

		_		NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	INTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	ΓIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	1.6	0.0	0.9	13.8	13.8	13.1	13.1	0	443.2
12-31-2025	0	0.0	0.0	2.0	0.0	1.4	25.1	38.9	21.5	34.5	5	390.8
12-31-2026	0	0.0	0.0	1.9	0.0	1.2	18.3	57.2	14.3	48.8	8	364.2
12-31-2027	0	0.0	0.0	1.7	0.0	1.0	12.6	69.9	8.9	57.7	10	348.2
12-31-2028	0	0.0	0.0	1.6	0.0	0.9	11.5	81.4	7.3	65.1	12	333.4
12-31-2029	0	0.0	0.0	1.4	0.0	0.8	10.3	91.7	5.9	71.0	15	313.3
12-31-2030	0	0.0	0.0	1.2	0.0	0.7	9.1	100.8	4.8	75.8	20	284.5
12-31-2031	0	0.0	0.0	1.1	0.0	0.6	8.1	108.9	3.8	79.6	30	240.0
12-31-2032	0	0.0	0.0	1.0	0.0	0.5	7.1	116.0	3.1	82.6	40	207.5
12-31-2033	0	0.0	0.0	0.8	0.0	0.5	6.3	122.3	2.4	85.1	50	182.8
12-31-2034	0	0.0	0.0	1.5	0.0	6.5	5.0	127.3	1.8	86.8		
12-31-2035	1	0.1	0.0	1.4	-10.5	7.7	13.7	141.1	4.5	91.3		
12-31-2036	1	0.1	0.0	1.2	0.0	7.6	1.7	142.8	0.5	91.8		
12-31-2037	1	0.1	0.0	0.9	0.0	6.8	0.4	143.2	0.1	91.9		
12-31-2038	0	0.0	0.0	0.0	10.5	0.0	-10.5	132.7	-2.4	89.5		
SUBTOTAL			0.0	19.2	0.0	37.1	132.7	132.7	89.5	89.5		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	89.5		
TOTAL OF 13.9 Y	RS		0.0	19.2	0.0	37.1	132.7	132.7	89.5	89.5		

Case Name: iPB MORRIS 14-26HSL2

API Number: 33-025-04068 NDIC FILE No: 37793 Reservoir: THREE FORKS 2 Perfs: 11627-21872

CTB No: 235080



Proj Oil Cum: 0.48 Mbbl Oil Rem: 32.55 Mbbl Oil EUR: 33.03 Mbbl Proj Gas Cum: 2.71 MMcf Gas Rem: 148.30 MMcf Gas EUR: 151.01 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.035035 INITIAL REVENUE INTEREST: 0.029677

All estimates and exhibits are part of this report and subject to its parameters and conditions.

PHDWIN ID: 93

NAME: IPB\_MORRIS 14-26HSL2
FIELD: CORRAL CREEK
RESERVOIR: THREE FORKS 2
COUNTY, STATE: DUNN, ND

OPERATOR: CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	3.5	0.0	19.8	0.1	0.0	0.6	78.670	0.000	2.929	8.3	0.0	1.6	9.9
12-31-2025	3.9	0.0	76.3	0.1	0.0	2.1	78.670	0.000	2.929	9.0	0.0	6.2	15.2
12-31-2026	3.7	0.0	32.8	0.1	0.0	0.9	78.670	0.000	2.929	8.5	0.0	2.7	11.2
12-31-2027	3.3	0.0	2.9	0.1	0.0	0.1	78.670	0.000	2.929	7.6	0.0	0.2	7.9
12-31-2028	2.9	0.0	2.6	0.1	0.0	0.1	78.670	0.000	2.929	6.7	0.0	0.2	6.9
12-31-2029	2.5	0.0	2.2	0.1	0.0	0.1	78.670	0.000	2.929	5.8	0.0	0.2	5.9
12-31-2030	2.1	0.0	1.9	0.1	0.0	0.1	78.670	0.000	2.929	4.9	0.0	0.2	5.1
12-31-2031	1.8	0.0	1.6	0.1	0.0	0.0	78.670	0.000	2.929	4.2	0.0	0.1	4.4
12-31-2032	1.6	0.0	1.5	0.0	0.0	0.0	78.670	0.000	2.929	3.8	0.0	0.1	3.9
12-31-2033	2.9	0.0	2.6	0.1	0.0	0.1	78.670	0.000	2.929	6.7	0.0	0.2	7.0
12-31-2034	2.4	0.0	2.1	0.1	0.0	0.1	78.670	0.000	2.929	5.5	0.0	0.2	5.7
12-31-2035	2.0	0.0	1.8	0.1	0.0	0.0	78.670	0.000	2.929	4.6	0.0	0.1	4.7
12-31-2036	0.1	0.0	0.1	0.0	0.0	0.0	78.670	0.000	2.929	0.3	0.0	0.0	0.3
12-31-2037	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	32.5	0.0	148.3	1.0	0.0	4.1	78.670	0.000	2.929	76.0	0.0	12.1	88.1
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	32.5	0.0	148.3	1.0	0.0	4.1	78.670	0.000	2.929	76.0	0.0	12.1	88.1
CUM PROD	0.5	0.0	2.7										
ULTIMATE	33.0	0.0	151.0										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	INTED	DISCOUNTEI	O AT 10%	PRESENT WC	RTH PROFILE
ENDING	COMPLET	ΓIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	1.0	0.0	0.6	8.3	8.3	7.8	7.8	0	215.0
12-31-2025	0	0.0	0.0	1.1	0.0	0.8	13.3	21.6	11.4	19.2	5	193.2
12-31-2026	0	0.0	0.0	1.0	0.0	0.7	9.5	31.1	7.4	26.6	8	181.8
12-31-2027	0	0.0	0.0	0.9	0.0	0.6	6.5	37.6	4.5	31.2	10	174.8
12-31-2028	0	0.0	0.0	0.8	0.0	0.5	5.6	43.2	3.6	34.8	12	168.3
12-31-2029	0	0.0	0.0	0.7	0.0	0.4	4.9	48.1	2.8	37.6	15	159.3
12-31-2030	0	0.0	0.0	0.6	0.0	0.4	4.2	52.2	2.2	39.8	20	146.2
12-31-2031	0	0.0	0.0	0.5	0.0	0.3	3.6	55.8	1.7	41.4	30	125.3
12-31-2032	0	0.0	0.0	0.4	0.0	0.4	3.1	58.9	1.3	42.8	40	109.6
12-31-2033	1	0.0	0.0	0.8	-5.3	4.0	7.5	66.3	2.8	45.6	50	97.3
12-31-2034	1	0.0	0.0	0.6	0.0	3.9	1.2	67.5	0.4	46.0		
12-31-2035	1	0.0	0.0	0.5	0.0	3.8	0.4	67.9	0.1	46.1		
12-31-2036	1	0.0	0.0	0.0	0.0	0.3	0.0	67.9	0.0	46.1		
12-31-2037	0	0.0	0.0	0.0	5.3	0.0	-5.3	62.6	-1.4	44.7		
SUBTOTAL			0.0	8.9	0.0	16.6	62.6	62.6	44.7	44.7		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.7		
TOTAL OF 12.1 Y	YRS		0.0	8.9	0.0	16.6	62.6	62.6	44.7	44.7		

3P Filter

Case Name: iPB WHITMAN 2-34H

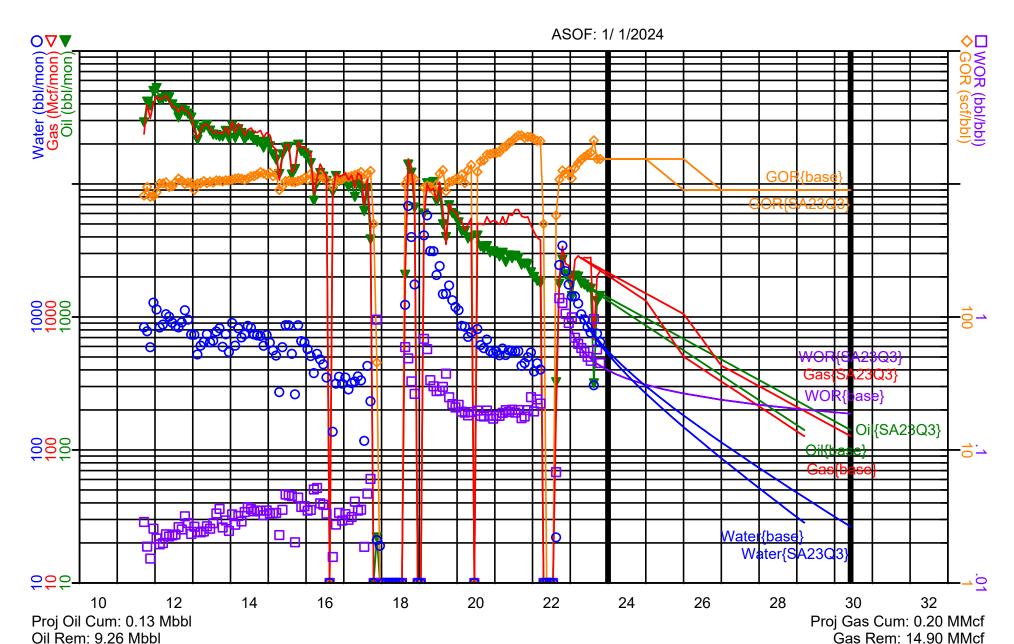
API Number: 33-025-01259

NDIC FILE No: 20210

Oil EUR: 9.40 Mbbl

Reservoir: MIDDLE BAKKEN Perfs: 11622-21230

CTB No: 120210



Gas EUR: 15.10 MMcf

#### 1/25/2024 12:00:00AM PROJECTION OF RESERVES AND REVENUE

AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

All estimates and exhibits are part of this report and subject to its parameters and conditions.

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST : 0.060948 INITIAL REVENUE INTEREST : 0.051169

PHDWIN ID: 103

NAME: FIELD:

IPB WHITMAN 2-34H

OAKDALE RESERVOIR: MIDDLE BAKKEN

COUNTY, STATE: OPERATOR:

DUNN, ND CONTINENTAL RESOURCES

PERIOD				1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	1.2	0.0	1.8	0.1	0.0	0.1	78.670	0.000	2.929	4.8	0.0	0.3	5.0
12-31-2025	1.5	0.0	5.0	0.1	0.0	0.2	78.670	0.000	2.929	5.9	0.0	0.7	6.6
12-31-2026	1.4	0.0	3.4	0.1	0.0	0.2	78.670	0.000	2.929	5.8	0.0	0.5	6.3
12-31-2027	1.3	0.0	1.2	0.1	0.0	0.1	78.670	0.000	2.929	5.2	0.0	0.2	5.3
12-31-2028	1.1	0.0	1.0	0.1	0.0	0.0	78.670	0.000	2.929	4.3	0.0	0.1	4.5
12-31-2029	2.0	0.0	1.8	0.1	0.0	0.1	78.670	0.000	2.929	8.2	0.0	0.3	8.4
12-31-2030	0.8	0.0	0.7	0.0	0.0	0.0	78.670	0.000	2.929	3.1	0.0	0.1	3.2
12-31-2031	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	9.3	0.0	14.9	0.5	0.0	0.7	78.670	0.000	2.929	37.3	0.0	2.1	39.4
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	9.3	0.0	14.9	0.5	0.0	0.7	78.670	0.000	2.929	37.3	0.0	2.1	39.4
CUM PROD	0.1	0.0	0.2										
ULTIMATE	9.4	0.0	15.1										

NET DEDUCTION	NS/EXPENDITURES			FUTURE NET	REVENUE			
PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
0.0 0.6	0.0	0.2	4.3	4.3	4.1	4.1	0	104.6
0.0 0.7	0.0	0.2	5.7	10.0	4.9	9.0	5	98.3
0.0 0.7	0.0	0.2	5.5	15.5	4.2	13.2	8	94.7
0.0 0.6	0.0	0.1	4.6	20.1	3.2	16.5	10	92.3
0.0 0.5	0.0	0.1	3.9	24.0	2.5	18.9	12	90.0
0.0 0.9	0.0	5.1	2.3	26.3	1.4	20.3	15	86.7
0.0 0.4	-9.1	2.6	9.4	35.7	5.1	25.3	20	81.5
0.0	9.1	0.0	-9.1	26.5	-4.4	21.0	30	72.3
							40	64.6
							50	58.2
0.0 4.3	0.0	8.5	26.5	26.5	21.0	21.0		
					0.0	21.0		
I	PROD AND ADV TAXES M\$  0.0 0.6 0.0 0.7 0.0 0.7 0.0 0.6 0.0 0.5 0.0 0.5 0.0 0.9 0.0 0.4 0.0 0.0	TS ADV TAXES MS  0.0 0.6 0.0 0.0 0.7 0.0 0.0 0.7 0.0 0.0 0.5 0.0 0.0 0.5 0.0 0.0 0.9 0.0 0.0 0.4 -9.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	TS	TS	TS ADV TAXES COST EXPENSE MS MS MS ERRIOD CUM MS	PROD AND   CAPITAL   OPERATING   PERIOD   CUM   PERIOD   MS   MS   MS   MS   MS   MS   MS   M	TS ADV TAXES COST EXPENSE MS	PRESENT WORKS   COST

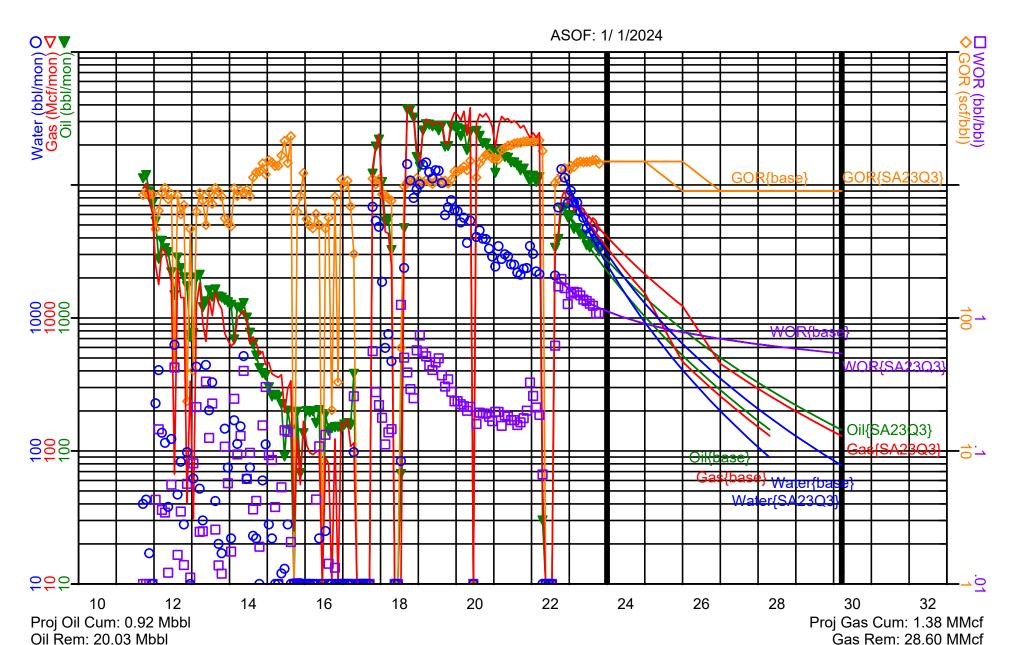
Case Name: iPB WHITMAN 3-34H

API Number: 33-025-01261 NDIC FILE No: 20212

Oil EUR: 20.95 Mbbl

Reservoir: THREE FORKS 1 Perfs: 11688-21379

CTB No: 120212



Gas EUR: 29.99 MMcf

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.060527 INITIAL REVENUE INTEREST : 0.050815

PHDWIN ID: 104

IPB WHITMAN 3-34H

NAME: OAKDALE FIELD: RESERVOIR: THREE FORKS 1 COUNTY, STATE:

OPERATOR:

DUNN, ND CONTINENTAL RESOURCES

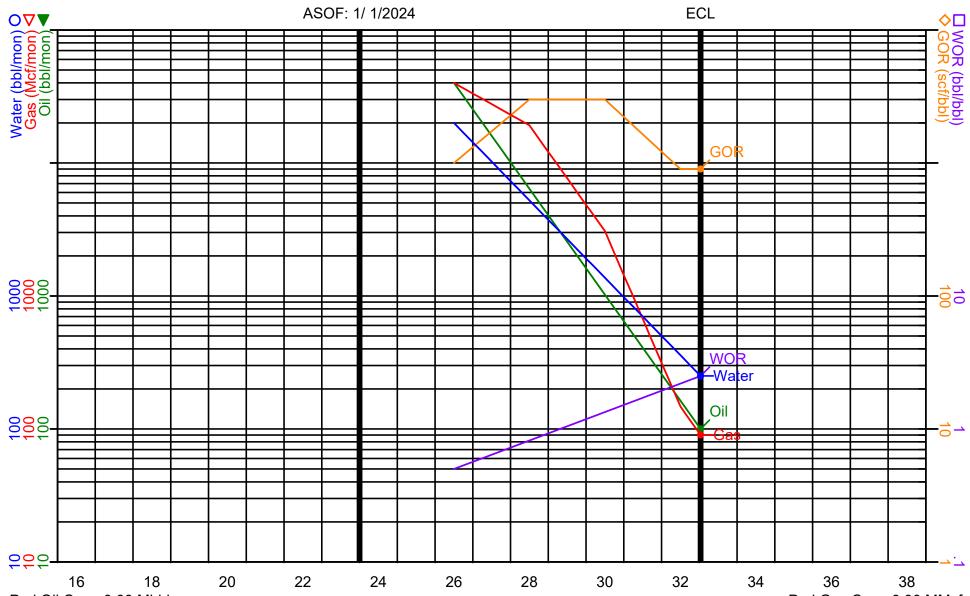
PERIOD	GROSS RESERVES			1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	5.3	0.0	7.9	0.3	0.0	0.4	78.670	0.000	2.929	21.2	0.0	1.1	22.3
12-31-2025	4.2	0.0	8.8	0.2	0.0	0.4	78.670	0.000	2.929	16.7	0.0	1.2	17.9
12-31-2026	3.1	0.0	5.1	0.2	0.0	0.2	78.670	0.000	2.929	12.3	0.0	0.7	13.0
12-31-2027	2.2	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	8.9	0.0	0.3	9.2
12-31-2028	2.7	0.0	2.4	0.1	0.0	0.1	78.670	0.000	2.929	10.7	0.0	0.3	11.0
12-31-2029	2.2	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	8.9	0.0	0.3	9.2
12-31-2030	0.4	0.0	0.3	0.0	0.0	0.0	78.670	0.000	2.929	1.5	0.0	0.0	1.6
12-31-2031	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	20.0	0.0	28.6	1.0	0.0	1.4	78.670	0.000	2.929	80.1	0.0	4.0	84.1
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	20.0	0.0	28.6	1.0	0.0	1.4	78.670	0.000	2.929	80.1	0.0	4.0	84.1
CUM PROD	0.9	0.0	1.4	1.0	0.0	1.7	70.070	0.000	2.727	00.1	0.0	1.0	01.1
ULTIMATE	21.0	0.0	30.0										
OZIIIII II D	21.0	0.0	50.0										

		_		NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	D AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE'	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	2.4	0.0	1.4	18.4	18.4	17.4	17.4	0	145.9
12-31-2025	0	0.0	0.0	1.9	0.0	1.0	15.0	33.4	12.9	30.3	5	138.4
12-31-2026	0	0.0	0.0	1.4	0.0	0.7	10.9	44.2	8.5	38.8	8	134.0
12-31-2027	0	0.0	0.0	1.0	0.0	0.4	7.7	51.9	5.4	44.2	10	131.1
12-31-2028	0	0.0	0.0	1.2	0.0	4.7	5.1	57.0	3.2	47.5	12	128.4
12-31-2029	1	0.1	0.0	1.0	-9.1	6.4	10.8	67.8	6.3	53.8	15	124.3
12-31-2030	1	0.1	0.0	0.2	0.0	1.3	0.1	67.8	0.0	53.8	20	118.0
12-31-2031	0	0.0	0.0	0.0	9.1	0.0	-9.1	58.8	-4.4	49.4	30	106.7
											40	97.1
											50	88.9
SUBTOTAL			0.0	9.3	0.0	16.0	58.8	58.8	49.4	49.4		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.4		
TOTAL OF 6.2 YR	RS		0.0	9.3	0.0	16.0	58.8	58.8	49.4	49.4		

API Number: NDIC FILE No:

Reservoir: THREE FORKS 3 Perfs: 0-0

CTB No:



Proj Oil Cum: 0.00 Mbbl Oil Rem: 522.54 Mbbl Oil EUR: 522.54 Mbbl

## 1/25/2024 12:00:00AM PROJECTION OF RESERVES AND REVENUE

AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST: 0.059351

PHDWIN ID: 149

CARSON PEAK TF3 LOC1

FIELD:
RESERVOIR:
COUNTY, STATE:
OPERATOR:

NAME:

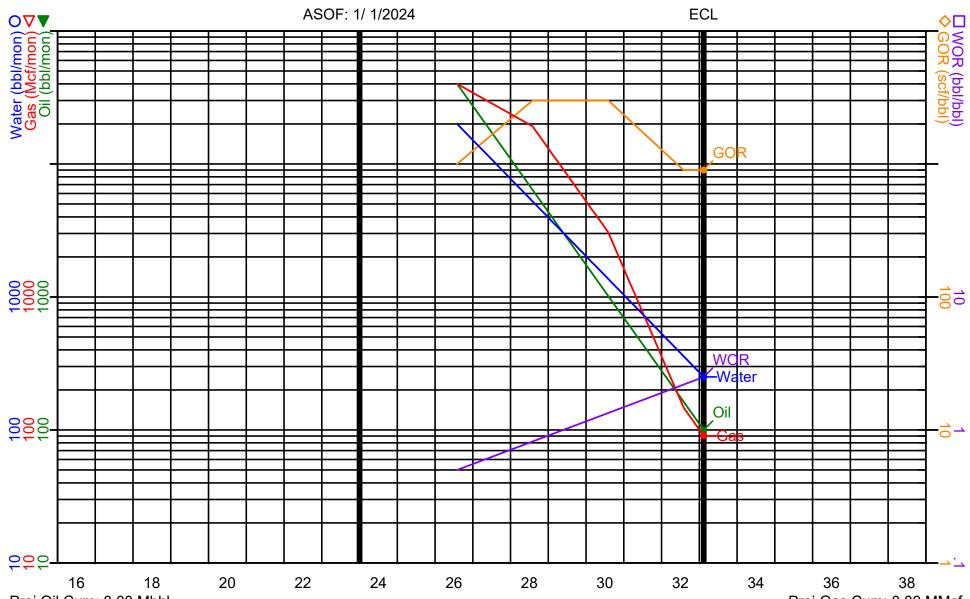
OAKDALE THREE FORKS 3 DUNN, ND

ATE: DUNN, ND
CONTINENTAL RESOURCES

PERIOD	GROSS RESERVES			1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	193.7	0.0	220.7	11.5	0.0	12.3	78.670	0.000	2.929	904.3	0.0	36.1	940.4
12-31-2027	198.0	0.0	333.6	11.8	0.0	18.6	78.670	0.000	2.929	924.6	0.0	54.5	979.1
12-31-2028	79.4	0.0	218.6	4.7	0.0	12.2	78.670	0.000	2.929	370.7	0.0	35.7	406.4
12-31-2029	31.6	0.0	94.9	1.9	0.0	5.3	78.670	0.000	2.929	147.7	0.0	15.5	163.3
12-31-2030	12.7	0.0	36.1	0.8	0.0	2.0	78.670	0.000	2.929	59.1	0.0	5.9	65.0
12-31-2031	5.1	0.0	8.8	0.3	0.0	0.5	78.670	0.000	2.929	23.7	0.0	1.4	25.1
12-31-2032	2.0	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	9.5	0.0	0.3	9.8
12-31-2033	0.0	0.0	0.0	0.0	0.0	0.0	78.670	0.000	2.929	0.2	0.0	0.0	0.2
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	522.5	0.0	914.8	31.0	0.0	51.0	78.670	0.000	2.929	2,439.8	0.0	149.5	2,589.3
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	522.5	0.0	914.8	31.0	0.0	51.0	78.670	0.000	2.929	2,439.8	0.0	149.5	2,589.3
CUM PROD	0.0	0.0	0.0										
ULTIMATE	522.5	0.0	914.8										

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	FACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	1,649.1
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	1,354.2
12-31-2026	1	0.1	0.0	104.5	476.4	42.5	316.9	316.9	216.5	216.5	8	1,203.8
12-31-2027	1	0.1	0.0	107.1	0.0	52.1	819.9	1,136.9	580.7	797.2	10	1,113.2
12-31-2028	1	0.1	0.0	43.1	0.0	28.8	334.5	1,471.4	214.5	1,011.7	12	1,029.6
12-31-2029	1	0.1	0.0	17.2	0.0	17.4	128.7	1,600.1	74.7	1,086.4	15	916.0
12-31-2030	1	0.1	0.0	6.9	0.0	12.0	46.1	1,646.2	24.3	1,110.6	20	754.4
12-31-2031	1	0.1	0.0	2.7	0.0	9.4	13.0	1,659.2	6.2	1,116.8	30	512.5
12-31-2032	1	0.1	0.0	1.1	0.0	8.2	0.6	1,659.7	0.3	1,117.1	40	348.4
12-31-2033	1	0.1	0.0	0.0	0.0	0.3	-0.1	1,659.6	0.0	1,117.1	50	236.5
12-31-2034	0	0.0	0.0	0.0	10.5	0.0	-10.5	1,649.1	-3.9	1,113.2		
SUBTOTAL			0.0	282.6	487.0	170.6	1,649.1	1,649.1	1,113.2	1,113.2		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,113.2		
TOTAL OF 9.0 YR	RS		0.0	282.6	487.0	170.6	1,649.1	1,649.1	1,113.2	1,113.2		

CTB No:



Proj Oil Cum: 0.00 Mbbl Oil Rem: 522.54 Mbbl Oil EUR: 522.54 Mbbl

PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST :

PHDWIN ID: 155

NAME: CARSON PEAK TF3 LOC2 OAKDALE FIELD:

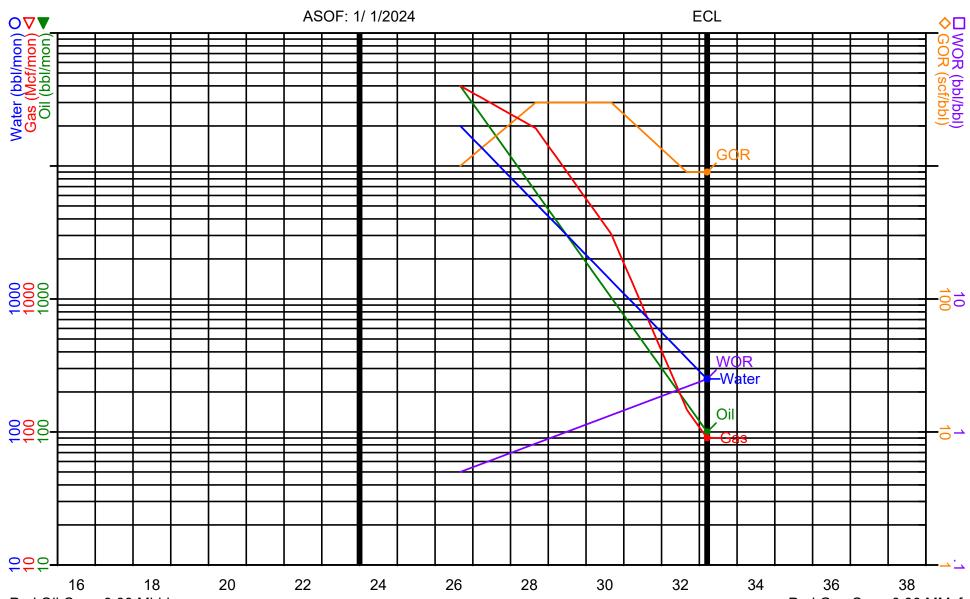
RESERVOIR: THREE FORKS 3 COUNTY, STATE:

DUNN, ND CONTINENTAL RESOURCES OPERATOR:

PERIOD	GROSS RESERVES			1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	167.0	0.0	186.3	9.9	0.0	10.4	78.670	0.000	2.929	779.6	0.0	30.4	810.1
12-31-2027	214.0	0.0	344.1	12.7	0.0	19.2	78.670	0.000	2.929	999.4	0.0	56.2	1,055.6
12-31-2028	85.8	0.0	229.6	5.1	0.0	12.8	78.670	0.000	2.929	400.7	0.0	37.5	438.2
12-31-2029	34.2	0.0	102.6	2.0	0.0	5.7	78.670	0.000	2.929	159.7	0.0	16.8	176.5
12-31-2030	13.7	0.0	39.7	0.8	0.0	2.2	78.670	0.000	2.929	63.9	0.0	6.5	70.4
12-31-2031	5.5	0.0	10.0	0.3	0.0	0.6	78.670	0.000	2.929	25.6	0.0	1.6	27.2
12-31-2032	2.2	0.0	2.3	0.1	0.0	0.1	78.670	0.000	2.929	10.3	0.0	0.4	10.6
12-31-2033	0.2	0.0	0.1	0.0	0.0	0.0	78.670	0.000	2.929	0.7	0.0	0.0	0.7
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
CLIDTOTAL	522.5	0.0	014.0	21.0	0.0	51.0	79 (70	0.000	2.020	2 420 9	0.0	140.5	2.590.2
SUBTOTAL	522.5		914.9	31.0	0.0		78.670	0.000	2.929	2,439.8	0.0	149.5	2,589.3
REMAINING	0.0	0.0 0.0	0.0 914.9	0.0 31.0	0.0 0.0	0.0 51.0	0.000	0.000	0.000	0.0	0.0 0.0	0.0	0.0
TOTAL	522.5			31.0	0.0	51.0	78.670	0.000	2.929	2,439.8	0.0	149.5	2,589.3
CUM PROD	0.0	0.0	0.0										
ULTIMATE	522.5	0.0	914.9										

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	RTH PROFILE
ENDING _	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	1,649.1
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	1,348.4
12-31-2026	1	0.1	0.0	90.1	476.4	36.3	207.2	207.2	134.0	134.0	8	1,195.7
12-31-2027	1	0.1	0.0	115.7	0.0	55.0	884.9	1,092.1	626.7	760.7	10	1,103.8
12-31-2028	1	0.1	0.0	46.6	0.0	30.2	361.4	1,453.6	231.7	992.4	12	1,019.2
12-31-2029	1	0.1	0.0	18.6	0.0	18.1	139.8	1,593.4	81.2	1,073.6	15	904.5
12-31-2030	1	0.1	0.0	7.4	0.0	12.3	50.6	1,644.0	26.6	1,100.2	20	741.8
12-31-2031	1	0.1	0.0	3.0	0.0	9.6	14.7	1,658.7	7.0	1,107.2	30	499.8
12-31-2032	1	0.1	0.0	1.2	0.0	8.2	1.2	1,659.9	0.5	1,107.8	40	337.0
12-31-2033	1	0.1	0.0	0.1	0.0	0.9	-0.3	1,659.6	-0.1	1,107.7	50	226.9
12-31-2034	0	0.0	0.0	0.0	10.5	0.0	-10.5	1,649.1	-3.8	1,103.8		
SUBTOTAL REMAINING			0.0 0.0	282.6 0.0	487.0 0.0	170.6 0.0	1,649.1 0.0	1,649.1 0.0	1,103.8 0.0	1,103.8 1,103.8		
TOTAL OF 9.1 YR	RS		0.0	282.6	487.0	170.6	1,649.1	1,649.1	1,103.8	1,103.8		
1011120171111			0.0	202.0	107.0	170.0	1,017.1	2,017.1	1,103.0	1,105.0		

CTB No:



Proj Oil Cum: 0.00 Mbbl Oil Rem: 522.54 Mbbl Oil EUR: 522.54 Mbbl

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST: 0.059351

PHDWIN ID: 156

NAME : FIELD : CARSON PEAK TF3 LOC3 OAKDALE

RESERVOIR: OAKDALE

RESERVOIR: THREE FORKS 3

COUNTY, STATE: DUNN, ND

OPERATOR:

DUNN, ND CONTINENTAL RESOURCES

PERIOD	GROSS RESERVES			1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	138.1	0.0	150.9	8.2	0.0	8.4	78.670	0.000	2.929	644.9	0.0	24.7	669.5
12-31-2027	231.3	0.0	355.0	13.7	0.0	19.8	78.670	0.000	2.929	1,080.2	0.0	58.0	1,138.2
12-31-2028	92.8	0.0	240.4	5.5	0.0	13.4	78.670	0.000	2.929	433.1	0.0	39.3	472.4
12-31-2029	37.0	0.0	110.9	2.2	0.0	6.2	78.670	0.000	2.929	172.6	0.0	18.1	190.7
12-31-2030	14.8	0.0	43.4	0.9	0.0	2.4	78.670	0.000	2.929	69.1	0.0	7.1	76.2
12-31-2031	5.9	0.0	11.4	0.4	0.0	0.6	78.670	0.000	2.929	27.7	0.0	1.9	29.5
12-31-2032	2.4	0.0	2.6	0.1	0.0	0.1	78.670	0.000	2.929	11.1	0.0	0.4	11.5
12-31-2033	0.3	0.0	0.2	0.0	0.0	0.0	78.670	0.000	2.929	1.3	0.0	0.0	1.3
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	522.5	0.0	914.8	31.0	0.0	51.0	78.670	0.000	2.929	2,439.8	0.0	149.5	2,589.3
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	522.5	0.0	914.8	31.0	0.0	51.0	78.670	0.000	2.929	2,439.8	0.0	149.5	2,589.3
CUM PROD	0.0	0.0	0.0										
ULTIMATE	522.5	0.0	914.8										

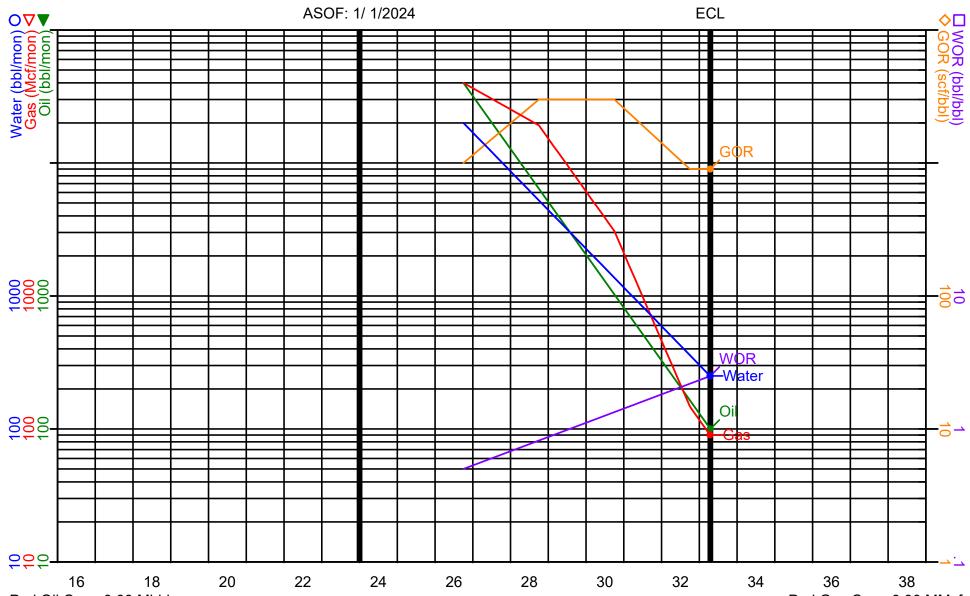
				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE .	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	UNTED	DISCOUNTE	D AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET		PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	1,649.1
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	1,342.7
12-31-2026	1	0.1	0.0	74.5	476.4	29.8	88.8	88.8	45.8	45.8	8	1,187.6
12-31-2027	1	0.1	0.0	125.0	0.0	58.1	955.1	1,043.9	676.4	722.2	10	1,094.5
12-31-2028	1	0.1	0.0	50.3	0.0	31.6	390.4	1,434.2	250.2	972.4	12	1,008.9
12-31-2029	1	0.1	0.0	20.1	0.0	18.8	151.9	1,586.1	88.2	1,060.6	15	893.1
12-31-2030	1	0.1	0.0	8.0	0.0	12.7	55.5	1,641.6	29.2	1,089.8	20	729.4
12-31-2031	1	0.1	0.0	3.2	0.0	9.7	16.6	1,658.2	7.9	1,097.7	30	487.4
12-31-2032	1	0.1	0.0	1.3	0.0	8.3	1.9	1,660.0	0.8	1,098.5	40	325.9
12-31-2033	1	0.1	0.0	0.1	0.0	1.6	-0.4	1,659.6	-0.2	1,098.3	50	217.7
12-31-2034	0	0.0	0.0	0.0	10.5	0.0	-10.5	1,649.1	-3.8	1,094.5		
SUBTOTAL			0.0	282.6	487.0	170.6	1,649.1	1,649.1	1,094.5	1,094.5		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,094.5		
TOTAL OF 9.2 YF	RS		0.0	282.6	487.0	170.6	1,649.1	1,649.1	1,094.5	1,094.5		

Case Name: CARUS TF3 Loc1

API Number: NDIC FILE No:

Reservoir: THREE FORKS 3

Perfs: 0-0 CTB No:



Proj Oil Cum: 0.00 Mbbl Oil Rem: 522.54 Mbbl Oil EUR: 522.54 Mbbl

# PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.006246 INITIAL REVENUE INTEREST : 0.005423

PHDWIN ID: 197

AS OF JANUARY 1, 2024

NAME: CARUS TF3 LOC1 OAKDALE FIELD: RESERVOIR: THREE FORKS 3 COUNTY, STATE:

DUNN, ND CONTINENTAL RESOURCES OPERATOR:

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES	<u> </u>		GROSS RE	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	108.0	0.0	115.4	0.6	0.0	0.6	78.670	0.000	2.929	46.1	0.0	1.7	47.8
12-31-2027	249.4	0.0	365.9	1.4	0.0	1.9	78.670	0.000	2.929	106.4	0.0	5.5	111.9
12-31-2028	100.0	0.0	250.4	0.5	0.0	1.3	78.670	0.000	2.929	42.7	0.0	3.7	46.4
12-31-2029	39.9	0.0	119.6	0.2	0.0	0.6	78.670	0.000	2.929	17.0	0.0	1.8	18.8
12-31-2030	16.0	0.0	47.3	0.1	0.0	0.2	78.670	0.000	2.929	6.8	0.0	0.7	7.5
12-31-2031	6.4	0.0	12.9	0.0	0.0	0.1	78.670	0.000	2.929	2.7	0.0	0.2	2.9
12-31-2032	2.6	0.0	2.9	0.0	0.0	0.0	78.670	0.000	2.929	1.1	0.0	0.0	1.1
12-31-2033	0.4	0.0	0.4	0.0	0.0	0.0	78.670	0.000	2.929	0.2	0.0	0.0	0.2
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	522.5	0.0	914.8	2.8	0.0	4.7	78.670	0.000	2.929	222.9	0.0	13.7	236.6
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	522.5	0.0	914.8	2.8	0.0	4.7	78.670	0.000	2.929	222.9	0.0	13.7	236.6
CUM PROD	0.0	0.0	0.0										
ULTIMATE	522.5	0.0	914.8										

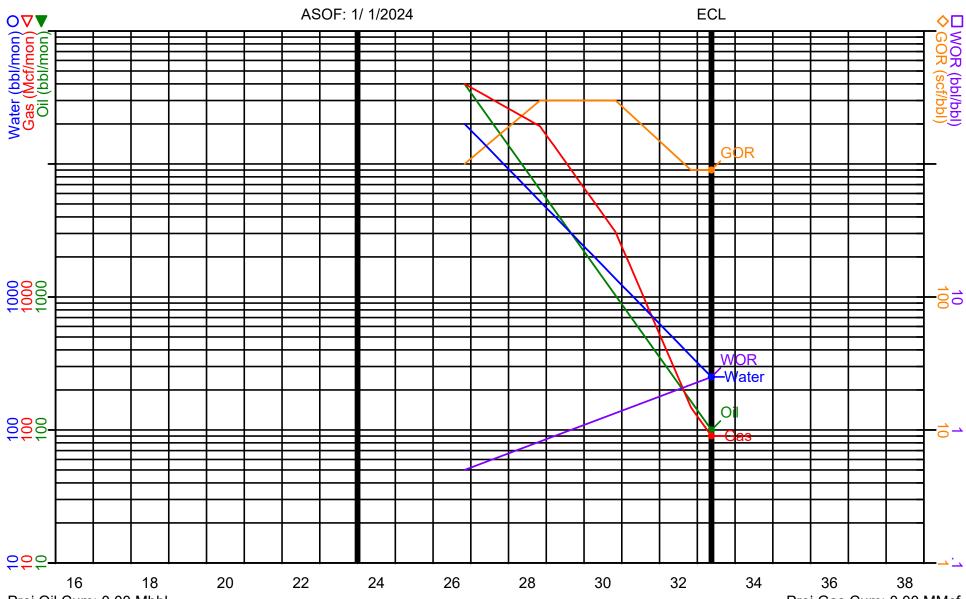
				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	152.2
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	123.4
12-31-2026	1	0.0	0.0	5.3	42.5	2.1	-2.1	-2.1	-3.3	-3.3	8	109.0
12-31-2027	1	0.0	0.0	12.3	0.0	5.5	94.1	92.0	66.6	63.4	10	100.3
12-31-2028	1	0.0	0.0	5.0	0.0	3.0	38.5	130.5	24.7	88.0	12	92.3
12-31-2029	1	0.0	0.0	2.0	0.0	1.7	15.1	145.6	8.7	96.8	15	81.6
12-31-2030	1	0.0	0.0	0.8	0.0	1.2	5.6	151.2	2.9	99.7	20	66.4
12-31-2031	1	0.0	0.0	0.3	0.0	0.9	1.7	152.9	0.8	100.5	30	44.1
12-31-2032	1	0.0	0.0	0.1	0.0	0.7	0.3	153.1	0.1	100.6	40	29.3
12-31-2033	1	0.0	0.0	0.0	0.0	0.2	0.0	153.1	0.0	100.6	50	19.5
12-31-2034	0	0.0	0.0	0.0	0.9	0.0	-0.9	152.2	-0.3	100.3		
SUBTOTAL			0.0	25.8	43.4	15.2	152.2	152.2	100.3	100.3		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.3		
TOTAL OF 9.3 YR	RS		0.0	25.8	43.4	15.2	152.2	152.2	100.3	100.3		

Case Name: CARUS TF3 Loc2

API Number: NDIC FILE No:

Reservoir: THREE FORKS 3

Perfs: 0-0 CTB No:



Proj Oil Cum: 0.00 Mbbl Oil Rem: 522.54 Mbbl Oil EUR: 522.54 Mbbl

# PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

All estimates and exhibits are part of this report and subject to its parameters and conditions.

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.006246 INITIAL REVENUE INTEREST : 0.005423

PHDWIN ID: 198

AS OF JANUARY 1, 2024

NAME: CARUS TF3 LOC2 OAKDALE FIELD: RESERVOIR: THREE FORKS 3 DUNN, ND CONTINENTAL RESOURCES COUNTY, STATE:

OPERATOR:

PERIOD	G	ROSS RESERVES		1	NET RESERVES		A	VERAGE PRICES			GROSS REV	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	74.3	0.0	77.7	0.4	0.0	0.4	78.670	0.000	2.929	31.7	0.0	1.2	32.9
12-31-2027	269.6	0.0	377.5	1.5	0.0	1.9	78.670	0.000	2.929	115.0	0.0	5.6	120.7
12-31-2028	108.1	0.0	260.4	0.6	0.0	1.3	78.670	0.000	2.929	46.1	0.0	3.9	50.0
12-31-2029	43.1	0.0	129.2	0.2	0.0	0.7	78.670	0.000	2.929	18.4	0.0	1.9	20.3
12-31-2030	17.2	0.0	51.5	0.1	0.0	0.3	78.670	0.000	2.929	7.4	0.0	0.8	8.1
12-31-2031	6.9	0.0	14.7	0.0	0.0	0.1	78.670	0.000	2.929	2.9	0.0	0.2	3.2
12-31-2032	2.8	0.0	3.2	0.0	0.0	0.0	78.670	0.000	2.929	1.2	0.0	0.0	1.2
12-31-2033	0.5	0.0	0.5	0.0	0.0	0.0	78.670	0.000	2.929	0.2	0.0	0.0	0.2
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	522.5	0.0	914.8	2.8	0.0	4.7	78.670	0.000	2.929	222.9	0.0	13.7	236.6
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	522.5	0.0	914.8	2.8	0.0	4.7	78.670	0.000	2.929	222.9	0.0	13.7	236.6
CUM PROD	0.0	0.0	0.0										
ULTIMATE	522.5	0.0	914.8										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	OAT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	152.2
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	122.9
12-31-2026	1	0.0	0.0	3.7	42.5	1.4	-14.7	-14.7	-12.5	-12.5	8	108.2
12-31-2027	1	0.0	0.0	13.3	0.0	5.8	101.6	86.9	71.9	59.4	10	99.4
12-31-2028	1	0.0	0.0	5.4	0.0	3.1	41.5	128.4	26.6	86.0	12	91.4
12-31-2029	1	0.0	0.0	2.1	0.0	1.8	16.4	144.8	9.5	95.5	15	80.5
12-31-2030	1	0.0	0.0	0.9	0.0	1.2	6.1	150.9	3.2	98.7	20	65.3
12-31-2031	1	0.0	0.0	0.3	0.0	0.9	1.9	152.8	0.9	99.7	30	43.0
12-31-2032	1	0.0	0.0	0.1	0.0	0.8	0.3	153.1	0.1	99.8	40	28.4
12-31-2033	1	0.0	0.0	0.0	0.0	0.3	-0.1	153.1	0.0	99.8	50	18.7
12-31-2034	0	0.0	0.0	0.0	0.9	0.0	-0.9	152.2	-0.3	99.4		
SUBTOTAL			0.0	25.8	43.4	15.2	152.2	152.2	99.4	99.4		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.4		
TOTAL OF 9.4 YR	RS		0.0	25.8	43.4	15.2	152.2	152.2	99.4	99.4		

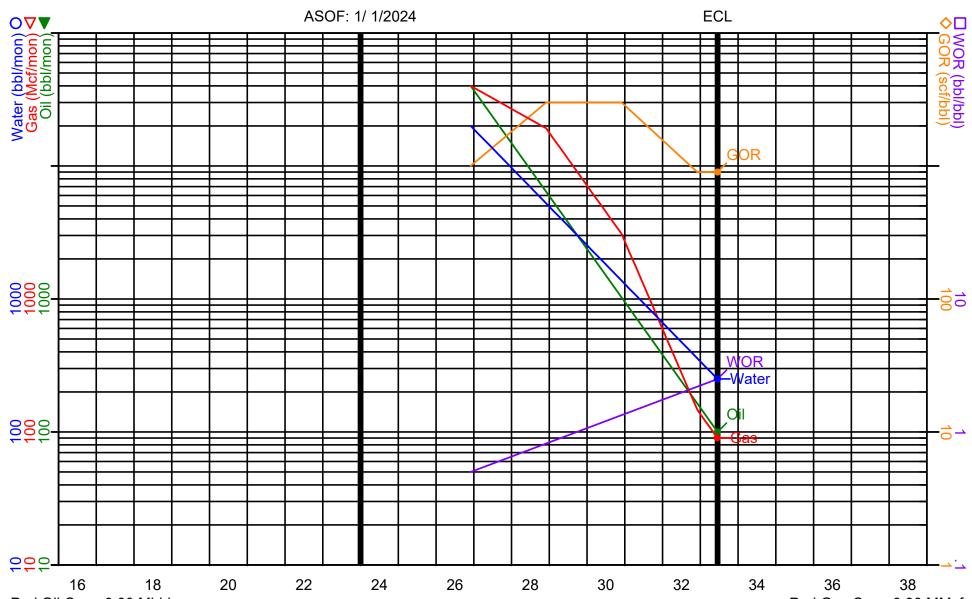
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Case Name: CARUS TF3 Loc3

API Number: NDIC FILE No:

Reservoir: THREE FORKS 3 Perfs: 0-0

CTB No:



Proj Oil Cum: 0.00 Mbbl Oil Rem: 522.54 Mbbl Oil EUR: 522.54 Mbbl

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.006246 INITIAL REVENUE INTEREST: 0.005423

PHDWIN ID: 199

NAME: CARUS TF3 LOC3
FIELD: OAKDALE
RESERVOIR: THREE FORKS 3
COUNTY, STATE: DUNN, ND

COUNTY, STATE : DUNN, ND
OPERATOR : CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	39.2	0.0	40.1	0.2	0.0	0.2	78.670	0.000	2.929	16.7	0.0	0.6	17.3
12-31-2027	290.7	0.0	389.1	1.6	0.0	2.0	78.670	0.000	2.929	124.0	0.0	5.8	129.8
12-31-2028	116.5	0.0	269.7	0.6	0.0	1.4	78.670	0.000	2.929	49.7	0.0	4.0	53.7
12-31-2029	46.4	0.0	139.3	0.3	0.0	0.7	78.670	0.000	2.929	19.8	0.0	2.1	21.9
12-31-2030	18.6	0.0	55.7	0.1	0.0	0.3	78.670	0.000	2.929	7.9	0.0	0.8	8.8
12-31-2031	7.4	0.0	16.7	0.0	0.0	0.1	78.670	0.000	2.929	3.2	0.0	0.2	3.4
12-31-2032	3.0	0.0	3.7	0.0	0.0	0.0	78.670	0.000	2.929	1.3	0.0	0.1	1.3
12-31-2033	0.7	0.0	0.6	0.0	0.0	0.0	78.670	0.000	2.929	0.3	0.0	0.0	0.3
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	522.5	0.0	914.8	2.8	0.0	4.7	78.670	0.000	2.929	222.9	0.0	13.7	236.6
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	522.5	0.0	914.8	2.8	0.0	4.7	78.670	0.000	2.929	222.9	0.0	13.7	236.6
CUM PROD	0.0	0.0	0.0										
ULTIMATE	522.5	0.0	914.8										

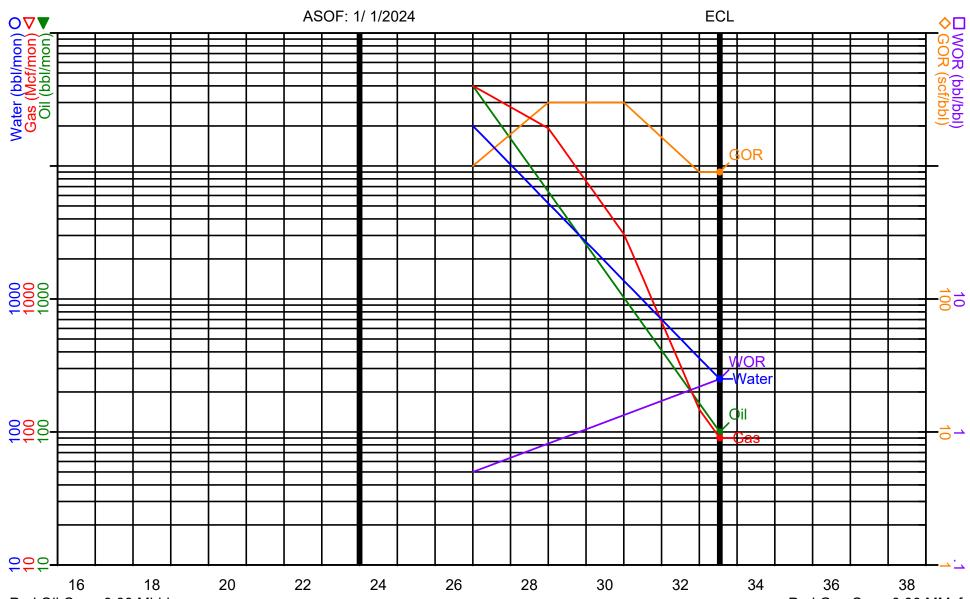
				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	FACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	<u>%</u>	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	152.2
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	122.4
12-31-2026	1	0.0	0.0	1.9	42.5	0.7	-27.8	-27.8	-22.1	-22.1	8	107.5
12-31-2027	1	0.0	0.0	14.3	0.0	6.1	109.4	81.6	77.5	55.4	10	98.6
12-31-2028	1	0.0	0.0	5.8	0.0	3.3	44.7	126.3	28.7	84.0	12	90.5
12-31-2029	1	0.0	0.0	2.3	0.0	1.9	17.7	144.0	10.3	94.3	15	79.6
12-31-2030	1	0.0	0.0	0.9	0.0	1.2	6.6	150.6	3.5	97.8	20	64.2
12-31-2031	1	0.0	0.0	0.4	0.0	0.9	2.1	152.7	1.0	98.8	30	42.0
12-31-2032	1	0.0	0.0	0.1	0.0	0.8	0.4	153.1	0.2	99.0	40	27.5
12-31-2033	1	0.0	0.0	0.0	0.0	0.3	-0.1	153.1	0.0	99.0	50	18.0
12-31-2034	0	0.0	0.0	0.0	0.9	0.0	-0.9	152.2	-0.3	98.6		
SUBTOTAL			0.0	25.8	43.4	15.2	152.2	152.2	98.6	98.6		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	98.6		
TOTAL OF 9.5 YR	RS		0.0	25.8	43.4	15.2	152.2	152.2	98.6	98.6		

Case Name: MORRIS TF3 Loc1

API Number: NDIC FILE No:

Reservoir: THREE FORKS 3

Perfs: 0-0 CTB No:



Proj Oil Cum: 0.00 Mbbl Oil Rem: 522.54 Mbbl Oil EUR: 522.54 Mbbl

All estimates and exhibits are part of this report and subject to its parameters and conditions.

PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST :

PHDWIN ID: 164

NAME: MORRIS TF3 LOC1 OAKDALE FIELD: RESERVOIR: THREE FORKS 3 DUNN, ND CONTINENTAL RESOURCES COUNTY, STATE:

OPERATOR:

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	314.2	0.0	401.4	18.6	0.0	22.4	78.670	0.000	2.929	1,467.0	0.0	65.6	1,532.6
12-31-2028	126.0	0.0	278.7	7.5	0.0	15.5	78.670	0.000	2.929	588.1	0.0	45.5	633.7
12-31-2029	50.2	0.0	150.6	3.0	0.0	8.4	78.670	0.000	2.929	234.4	0.0	24.6	259.0
12-31-2030	20.1	0.0	60.3	1.2	0.0	3.4	78.670	0.000	2.929	93.8	0.0	9.9	103.7
12-31-2031	8.0	0.0	19.0	0.5	0.0	1.1	78.670	0.000	2.929	37.6	0.0	3.1	40.7
12-31-2032	3.2	0.0	4.2	0.2	0.0	0.2	78.670	0.000	2.929	15.1	0.0	0.7	15.7
12-31-2033	0.8	0.0	0.8	0.0	0.0	0.0	78.670	0.000	2.929	3.9	0.0	0.1	4.0
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	522.5	0.0	914.8	31.0	0.0	51.0	78.670	0.000	2.929	2,439.8	0.0	149.5	2,589.3
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	522.5	0.0	914.8	31.0	0.0	51.0	78.670	0.000	2.929	2,439.8	0.0	149.5	2,589.3
CUM PROD	0.0	0.0	0.0										
ULTIMATE	522.5	0.0	914.8										

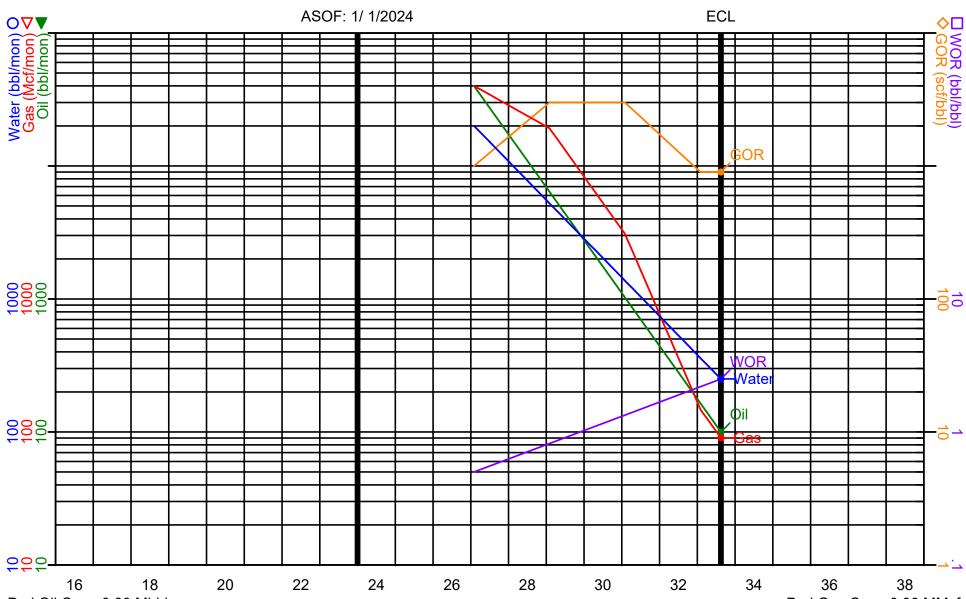
				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLET	ΓΙΟΝS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	1,649.1
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	1,320.5
12-31-2026	0	0.0	0.0	0.0	476.4	0.0	-476.4	-476.4	-366.7	-366.7	8	1,156.4
12-31-2027	1	0.1	0.0	169.6	0.0	72.5	1,290.5	814.0	913.9	547.3	10	1,058.7
12-31-2028	1	0.1	0.0	68.3	0.0	38.4	527.0	1,341.0	337.8	885.1	12	969.5
12-31-2029	1	0.1	0.0	27.3	0.0	22.1	209.7	1,550.7	121.7	1,006.8	15	849.8
12-31-2030	1	0.1	0.0	10.9	0.0	14.2	78.5	1,629.2	41.3	1,048.1	20	682.7
12-31-2031	1	0.1	0.0	4.4	0.0	10.5	25.8	1,655.0	12.3	1,060.4	30	441.4
12-31-2032	1	0.1	0.0	1.7	0.0	8.7	5.3	1,660.3	2.3	1,062.7	40	285.8
12-31-2033	1	0.1	0.0	0.4	0.0	4.2	-0.7	1,659.6	-0.3	1,062.4	50	184.8
12-31-2034	0	0.0	0.0	0.0	10.5	0.0	-10.5	1,649.1	-3.7	1,058.7		
SUBTOTAL			0.0	282.6	487.0	170.6	1,649.1	1,649.1	1,058.7	1,058.7		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,058.7		
TOTAL OF 9.5 Y	RS		0.0	282.6	487.0	170.6	1,649.1	1,649.1	1,058.7	1,058.7		

Case Name: MORRIS TF3 Loc2

API Number: NDIC FILE No:

Reservoir: THREE FORKS 3

Perfs: 0-0 CTB No:



Proj Oil Cum: 0.00 Mbbl Oil Rem: 522.54 Mbbl Oil EUR: 522.54 Mbbl

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST :

PHDWIN ID: 165

MORRIS TF3 LOC2 NAME: OAKDALE FIELD: RESERVOIR: THREE FORKS 3 DUNN, ND CONTINENTAL RESOURCES COUNTY, STATE:

OPERATOR:

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	297.2	0.0	372.7	17.6	0.0	20.8	78.670	0.000	2.929	1,387.8	0.0	60.9	1,448.7
12-31-2028	136.1	0.0	287.5	8.1	0.0	16.0	78.670	0.000	2.929	635.7	0.0	47.0	682.7
12-31-2029	54.3	0.0	162.3	3.2	0.0	9.1	78.670	0.000	2.929	253.4	0.0	26.5	279.9
12-31-2030	21.7	0.0	65.2	1.3	0.0	3.6	78.670	0.000	2.929	101.4	0.0	10.6	112.1
12-31-2031	8.7	0.0	21.5	0.5	0.0	1.2	78.670	0.000	2.929	40.6	0.0	3.5	44.1
12-31-2032	3.5	0.0	4.7	0.2	0.0	0.3	78.670	0.000	2.929	16.3	0.0	0.8	17.0
12-31-2033	1.0	0.0	0.9	0.1	0.0	0.1	78.670	0.000	2.929	4.7	0.0	0.1	4.8
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	522.5	0.0	914.8	31.0	0.0	51.0	78.670	0.000	2.929	2,439.8	0.0	149.5	2,589.3
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	522.5	0.0	914.8	31.0	0.0	51.0	78.670	0.000	2.929	2,439.8	0.0	149.5	2,589.3
CUM PROD	0.0	0.0	0.0										
ULTIMATE	522.5	0.0	914.8										

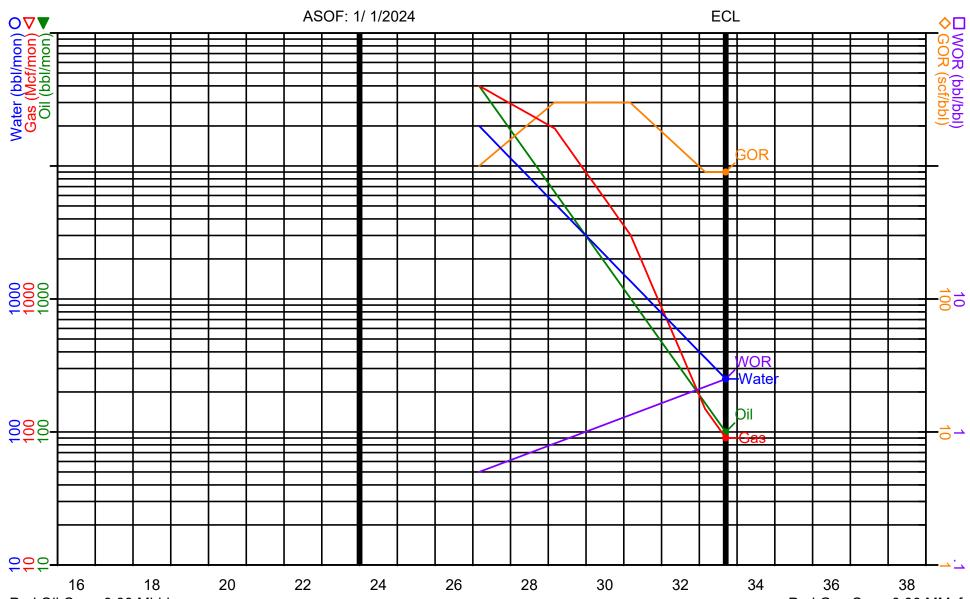
				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	1,649.1
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	1,315.0
12-31-2026	0	0.0	0.0	0.0	476.4	0.0	-476.4	-476.4	-363.6	-363.6	8	1,148.6
12-31-2027	1	0.1	0.0	160.4	0.0	68.0	1,220.3	743.8	859.5	495.9	10	1,049.8
12-31-2028	1	0.1	0.0	73.8	0.0	40.4	568.5	1,312.3	364.4	860.3	12	959.7
12-31-2029	1	0.1	0.0	29.5	0.0	23.0	227.3	1,539.6	132.0	992.3	15	839.1
12-31-2030	1	0.1	0.0	11.8	0.0	14.7	85.6	1,625.2	45.0	1,037.3	20	671.3
12-31-2031	1	0.1	0.0	4.7	0.0	10.7	28.7	1,653.9	13.7	1,051.0	30	430.5
12-31-2032	1	0.1	0.0	1.9	0.0	8.8	6.4	1,660.2	2.8	1,053.7	40	276.4
12-31-2033	1	0.1	0.0	0.5	0.0	4.9	-0.6	1,659.6	-0.2	1,053.5	50	177.3
12-31-2034	0	0.0	0.0	0.0	10.5	0.0	-10.5	1,649.1	-3.6	1,049.8		
SUBTOTAL			0.0	282.6	487.0	170.6	1,649.1	1,649.1	1,049.8	1,049.8		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,049.8		
TOTAL OF 9.6 YE	RS		0.0	282.6	487.0	170.6	1,649.1	1,649.1	1,049.8	1,049.8		

Case Name: MORRIS TF3 Loc3

API Number: NDIC FILE No:

Reservoir: THREE FORKS 3

Perfs: 0-0 CTB No:



Proj Oil Cum: 0.00 Mbbl Oil Rem: 522.54 Mbbl Oil EUR: 522.54 Mbbl

#### 1/25/2024 12:00:00AM PROJECTION OF RESERVES AND REVENUE

All estimates and exhibits are part of this report and subject to its parameters and conditions.

AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.070066 INITIAL REVENUE INTEREST :

PHDWIN ID: 166

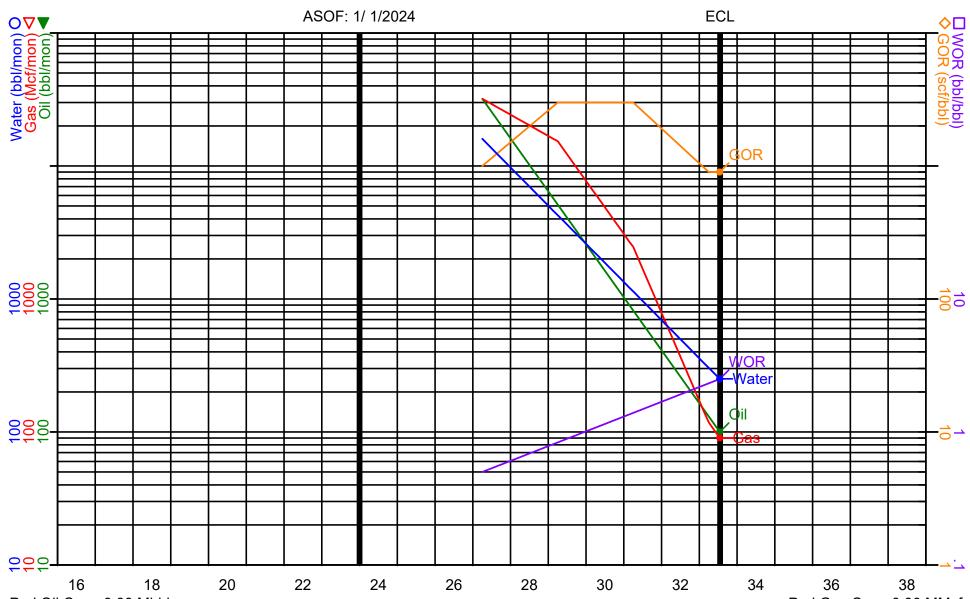
NAME: MORRIS TF3 LOC3 OAKDALE FIELD: RESERVOIR: THREE FORKS 3 COUNTY, STATE:

DUNN, ND CONTINENTAL RESOURCES OPERATOR:

PERIOD	Gl	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	280.7	0.0	346.1	16.7	0.0	19.3	78.670	0.000	2.929	1,310.8	0.0	56.6	1,367.3
12-31-2028	146.1	0.0	295.7	8.7	0.0	16.5	78.670	0.000	2.929	682.0	0.0	48.3	730.3
12-31-2029	58.2	0.0	172.9	3.5	0.0	9.6	78.670	0.000	2.929	271.8	0.0	28.3	300.1
12-31-2030	23.3	0.0	69.9	1.4	0.0	3.9	78.670	0.000	2.929	108.8	0.0	11.4	120.2
12-31-2031	9.3	0.0	23.9	0.6	0.0	1.3	78.670	0.000	2.929	43.5	0.0	3.9	47.5
12-31-2032	3.7	0.0	5.3	0.2	0.0	0.3	78.670	0.000	2.929	17.5	0.0	0.9	18.3
12-31-2033	1.2	0.0	1.1	0.1	0.0	0.1	78.670	0.000	2.929	5.5	0.0	0.2	5.7
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	522.5	0.0	914.8	31.0	0.0	51.0	78.670	0.000	2.929	2,439.8	0.0	149.5	2,589.3
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	522.5	0.0	914.8	31.0	0.0	51.0	78.670	0.000	2.929	2,439.8	0.0	149.5	2,589.3
CUM PROD	0.0	0.0	0.0										
ULTIMATE	522.5	0.0	914.8										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE -	NET	PROD AND	CAPITAL	OPERATING	UNDISCOL	INTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLET	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	1,649.2
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	1,310.0
12-31-2026	0	0.0	0.0	0.0	476.4	0.0	-476.4	-476.4	-360.8	-360.8	8	1,141.6
12-31-2027	1	0.1	0.0	151.5	0.0	63.7	1,152.1	675.7	807.5	446.7	10	1,041.9
12-31-2028	1	0.1	0.0	79.1	0.0	42.4	608.8	1,284.5	390.3	837.0	12	951.0
12-31-2029	1	0.1	0.0	31.6	0.0	24.0	244.4	1,528.9	141.9	978.9	15	829.5
12-31-2030	1	0.1	0.0	12.7	0.0	15.1	92.4	1,621.3	48.6	1,027.5	20	661.1
12-31-2031	1	0.1	0.0	5.1	0.0	10.9	31.5	1,652.8	15.0	1,042.5	30	420.8
12-31-2032	1	0.1	0.0	2.0	0.0	8.9	7.4	1,660.2	3.2	1,045.7	40	268.2
12-31-2033	1	0.1	0.0	0.6	0.0	5.5	-0.5	1,659.7	-0.2	1,045.5	50	170.7
12-31-2034	0	0.0	0.0	0.0	10.5	0.0	-10.5	1,649.2	-3.6	1,041.9		
SUBTOTAL			0.0	282.6	487.0	170.6	1,649.2	1,649.2	1,041.9	1,041.9		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,041.9		
TOTAL OF 9.7 YI	RS		0.0	282.6	487.0	170.6	1,649.2	1,649.2	1,041.9	1,041.9		

CTB No:



Proj Oil Cum: 0.00 Mbbl Oil Rem: 417.77 Mbbl Oil EUR: 417.77 Mbbl

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.012486 INITIAL REVENUE INTEREST : 0.010844

PHDWIN ID: 185

SUMMERFIELD TF3 LOC1 NAME: BEAR CREEK FIELD:

RESERVOIR: THREE FORKS 3 COUNTY, STATE:

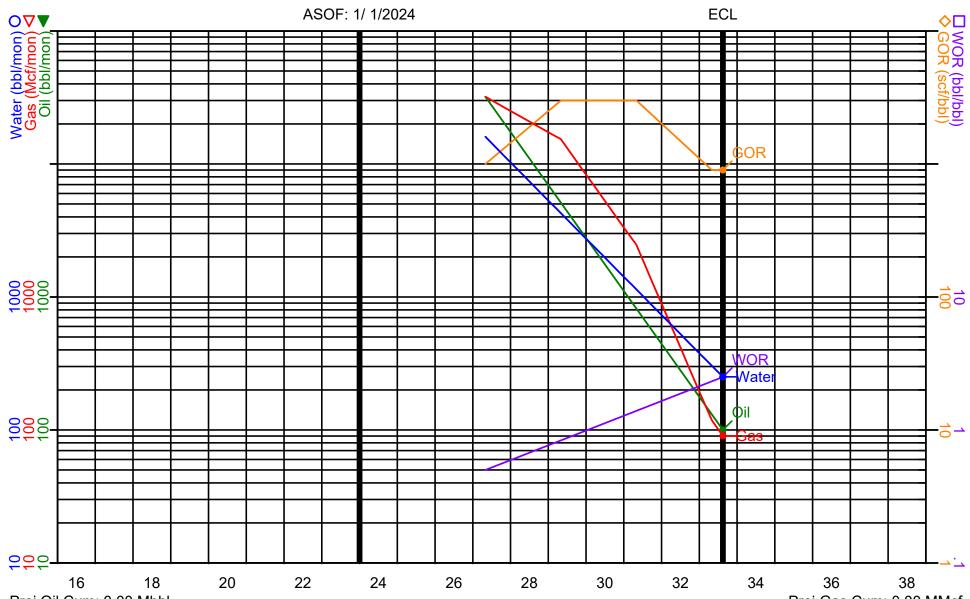
DUNN, ND ENERPLUS RESOURCES USA CORP OPERATOR:

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	ERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	208.9	0.0	252.5	2.3	0.0	2.6	78.670	0.000	2.929	178.2	0.0	7.5	185.7
12-31-2028	126.3	0.0	244.1	1.4	0.0	2.5	78.670	0.000	2.929	107.7	0.0	7.3	115.0
12-31-2029	50.3	0.0	147.6	0.5	0.0	1.5	78.670	0.000	2.929	42.9	0.0	4.4	47.4
12-31-2030	20.1	0.0	60.4	0.2	0.0	0.6	78.670	0.000	2.929	17.2	0.0	1.8	19.0
12-31-2031	8.1	0.0	21.4	0.1	0.0	0.2	78.670	0.000	2.929	6.9	0.0	0.6	7.5
12-31-2032	3.2	0.0	4.8	0.0	0.0	0.0	78.670	0.000	2.929	2.8	0.0	0.1	2.9
12-31-2033	0.8	0.0	0.8	0.0	0.0	0.0	78.670	0.000	2.929	0.7	0.0	0.0	0.7
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	417.8	0.0	731.6	4.5	0.0	7.5	78.670	0.000	2.929	356.4	0.0	21.8	378.3
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	417.8	0.0	731.6	4.5	0.0	7.5	78.670	0.000	2.929	356.4	0.0	21.8	378.3
CUM PROD	0.0	0.0	0.0										
ULTIMATE	417.8	0.0	731.6										

				NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	245.6
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	194.8
12-31-2026	0	0.0	0.0	0.0	37.1	0.0	-37.1	-37.1	-28.2	-28.2	8	169.6
12-31-2027	1	0.0	0.0	20.6	26.5	8.6	130.0	92.9	89.5	61.2	10	154.7
12-31-2028	1	0.0	0.0	12.5	0.0	6.7	95.9	188.8	61.5	122.7	12	141.2
12-31-2029	1	0.0	0.0	5.0	0.0	3.9	38.5	227.2	22.3	145.0	15	123.0
12-31-2030	1	0.0	0.0	2.0	0.0	2.5	14.5	241.7	7.6	152.7	20	97.9
12-31-2031	1	0.0	0.0	0.8	0.0	1.9	4.9	246.6	2.3	155.0	30	62.2
12-31-2032	1	0.0	0.0	0.3	0.0	1.5	1.0	247.6	0.5	155.4	40	39.6
12-31-2033	1	0.0	0.0	0.1	0.0	0.8	-0.1	247.5	0.0	155.4	50	25.2
12-31-2034	0	0.0	0.0	0.0	1.9	0.0	-1.9	245.6	-0.7	154.7		
SUBTOTAL			0.0	41.3	65.6	25.8	245.6	245.6	154.7	154.7		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	154.7		
TOTAL OF 9.5 Y	RS		0.0	41.3	65.6	25.8	245.6	245.6	154.7	154.7		

Reservoir: THREE FORKS 3 Perfs: 0-0

CTB No:



Proj Oil Cum: 0.00 Mbbl Oil Rem: 417.77 Mbbl Oil EUR: 417.77 Mbbl

PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.012486 INITIAL REVENUE INTEREST: 0.010844

PHDWIN ID: 186

NAME : FIELD : SUMMERFIELD TF3 LOC2

RESERVOIR : COUNTY, STATE : BEAR CREEK THREE FORKS 3 DUNN, ND ENERPLUS RESOURCES USA CORP

OPERATOR: ENERPLUS

KATOK. LIVEKI EUS KESOUKCES US

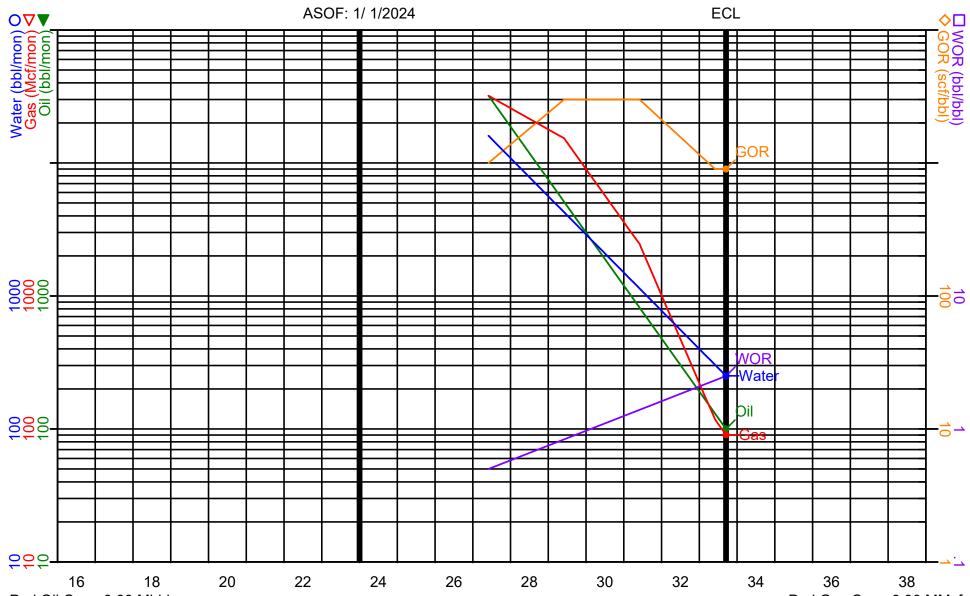
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	192.4	0.0	228.2	2.1	0.0	2.3	78.670	0.000	2.929	164.2	0.0	6.8	171.0
12-31-2028	136.2	0.0	251.5	1.5	0.0	2.6	78.670	0.000	2.929	116.2	0.0	7.5	123.7
12-31-2029	54.3	0.0	156.5	0.6	0.0	1.6	78.670	0.000	2.929	46.3	0.0	4.7	51.0
12-31-2030	21.7	0.0	65.2	0.2	0.0	0.7	78.670	0.000	2.929	18.5	0.0	1.9	20.5
12-31-2031	8.7	0.0	23.7	0.1	0.0	0.2	78.670	0.000	2.929	7.4	0.0	0.7	8.1
12-31-2032	3.5	0.0	5.5	0.0	0.0	0.1	78.670	0.000	2.929	3.0	0.0	0.2	3.1
12-31-2033	1.0	0.0	1.0	0.0	0.0	0.0	78.670	0.000	2.929	0.9	0.0	0.0	0.9
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	417.8	0.0	731.6	4.5	0.0	7.5	78.670	0.000	2.929	356.4	0.0	21.8	378.3
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	417.8	0.0	731.6	4.5	0.0	7.5	78.670	0.000	2.929	356.4	0.0	21.8	378.3
CUM PROD	0.0	0.0	0.0										
ULTIMATE	417.8	0.0	731.6										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTEI	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	245.6
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	194.0
12-31-2026	0	0.0	0.0	0.0	37.1	0.0	-37.1	-37.1	-28.0	-28.0	8	168.5
12-31-2027	1	0.0	0.0	19.0	26.5	7.8	117.6	80.5	80.5	52.5	10	153.5
12-31-2028	1	0.0	0.0	13.5	0.0	7.0	103.2	183.7	66.2	118.7	12	139.8
12-31-2029	1	0.0	0.0	5.4	0.0	4.0	41.6	225.3	24.1	142.8	15	121.5
12-31-2030	1	0.0	0.0	2.2	0.0	2.6	15.7	241.0	8.3	151.1	20	96.3
12-31-2031	1	0.0	0.0	0.9	0.0	1.9	5.4	246.4	2.6	153.6	30	60.7
12-31-2032	1	0.0	0.0	0.3	0.0	1.6	1.2	247.6	0.5	154.2	40	38.3
12-31-2033	1	0.0	0.0	0.1	0.0	0.9	-0.1	247.5	0.0	154.1	50	24.2
12-31-2034	0	0.0	0.0	0.0	1.9	0.0	-1.9	245.6	-0.7	153.5		
SUBTOTAL			0.0	41.3	65.6	25.8	245.6	245.6	153.5	153.5		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	153.5		
TOTAL OF 9.6 Y	RS		0.0	41.3	65.6	25.8	245.6	245.6	153.5	153.5		

API Number: NDIC FILE No:

Reservoir: THREE FORKS 3 Perfs: 0-0

CTB No:



Proj Oil Cum: 0.00 Mbbl Oil Rem: 417.77 Mbbl Oil EUR: 417.77 Mbbl

# PROJECTION OF RESERVES AND REVENUE

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.012486 INITIAL REVENUE INTEREST : 0.010844

PHDWIN ID: 187

AS OF JANUARY 1, 2024

SUMMERFIELD TF3 LOC3 NAME: BEAR CREEK

FIELD: RESERVOIR: THREE FORKS 3 COUNTY, STATE:

DUNN, ND ENERPLUS RESOURCES USA CORP OPERATOR:

PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	174.1	0.0	202.4	1.9	0.0	2.1	78.670	0.000	2.929	148.5	0.0	6.0	154.6
12-31-2028	147.2	0.0	259.5	1.6	0.0	2.6	78.670	0.000	2.929	125.6	0.0	7.7	133.3
12-31-2029	58.7	0.0	165.6	0.6	0.0	1.7	78.670	0.000	2.929	50.0	0.0	4.9	55.0
12-31-2030	23.5	0.0	70.4	0.3	0.0	0.7	78.670	0.000	2.929	20.0	0.0	2.1	22.1
12-31-2031	9.4	0.0	26.3	0.1	0.0	0.3	78.670	0.000	2.929	8.0	0.0	0.8	8.8
12-31-2032	3.8	0.0	6.2	0.0	0.0	0.1	78.670	0.000	2.929	3.2	0.0	0.2	3.4
12-31-2033	1.2	0.0	1.2	0.0	0.0	0.0	78.670	0.000	2.929	1.0	0.0	0.0	1.1
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	417.8	0.0	731.6	4.5	0.0	7.5	78.670	0.000	2.929	356.4	0.0	21.8	378.3
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	417.8	0.0	731.6	4.5	0.0	7.5	78.670	0.000	2.929	356.4	0.0	21.8	378.3
CUM PROD	0.0	0.0	0.0										
ULTIMATE	417.8	0.0	731.6										

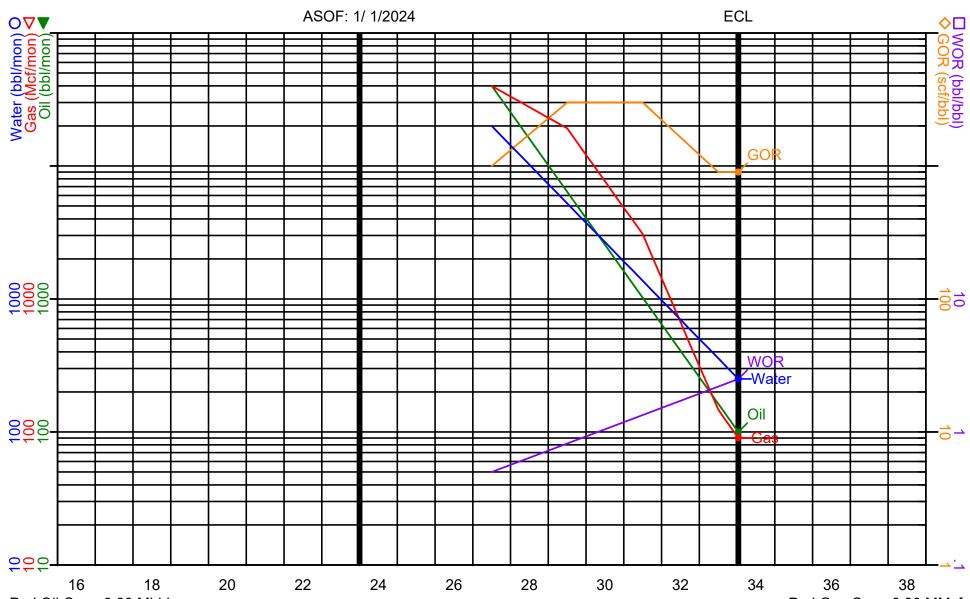
				NET DEDUCTIONS	S/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	245.6
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	193.2
12-31-2026	0	0.0	0.0	0.0	37.1	0.0	-37.1	-37.1	-27.8	-27.8	8	167.4
12-31-2027	1	0.0	0.0	17.2	26.5	7.0	103.8	66.7	70.6	42.9	10	152.2
12-31-2028	1	0.0	0.0	14.5	0.0	7.3	111.4	178.1	71.4	114.3	12	138.4
12-31-2029	1	0.0	0.0	5.8	0.0	4.2	45.0	223.1	26.1	140.4	15	120.0
12-31-2030	1	0.0	0.0	2.3	0.0	2.7	17.1	240.2	9.0	149.4	20	94.7
12-31-2031	1	0.0	0.0	0.9	0.0	1.9	5.9	246.1	2.8	152.2	30	59.2
12-31-2032	1	0.0	0.0	0.4	0.0	1.6	1.4	247.6	0.6	152.8	40	37.1
12-31-2033	1	0.0	0.0	0.1	0.0	1.0	-0.1	247.5	0.0	152.8	50	23.2
12-31-2034	0	0.0	0.0	0.0	1.9	0.0	-1.9	245.6	-0.6	152.2		
SUBTOTAL			0.0	41.3	65.6	25.8	245.6	245.6	152.2	152.2		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	152.2		
TOTAL OF 9.7 Y	YRS		0.0	41.3	65.6	25.8	245.6	245.6	152.2	152.2		

Case Name: WHITMAN TF3 Loc1

API Number: NDIC FILE No:

Reservoir: THREE FORKS 3

Perfs: 0-0 CTB No:



Proj Oil Cum: 0.00 Mbbl Oil Rem: 522.54 Mbbl Oil EUR: 522.54 Mbbl

#### 1/25/2024 12:00:00AM PROJECTION OF RESERVES AND REVENUE

AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.060737 INITIAL REVENUE INTEREST :

PHDWIN ID: 167

NAME: WHITMAN TF3 LOC1 OAKDALE FIELD: RESERVOIR: THREE FORKS 3 DUNN, ND CONTINENTAL RESOURCES COUNTY, STATE:

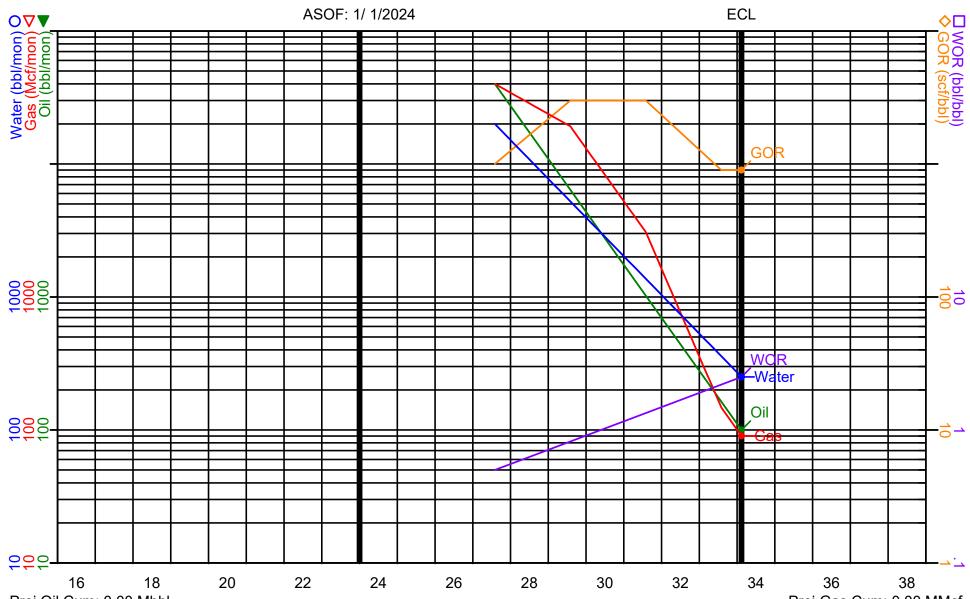
OPERATOR:

PERIOD	G	ROSS RESERVES			NET RESERVES		A	VERAGE PRICES	3		GROSS RE	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	193.7	0.0	220.7	9.9	0.0	10.6	78.670	0.000	2.929	777.0	0.0	31.0	807.9
12-31-2028	198.4	0.0	334.3	10.1	0.0	16.0	78.670	0.000	2.929	795.7	0.0	46.9	842.6
12-31-2029	79.1	0.0	217.9	4.0	0.0	10.4	78.670	0.000	2.929	317.1	0.0	30.6	347.7
12-31-2030	31.6	0.0	94.9	1.6	0.0	4.6	78.670	0.000	2.929	126.9	0.0	13.3	140.3
12-31-2031	12.7	0.0	36.1	0.6	0.0	1.7	78.670	0.000	2.929	50.8	0.0	5.1	55.9
12-31-2032	5.1	0.0	8.8	0.3	0.0	0.4	78.670	0.000	2.929	20.4	0.0	1.2	21.6
12-31-2033	2.0	0.0	2.0	0.1	0.0	0.1	78.670	0.000	2.929	8.1	0.0	0.3	8.4
12-31-2034	0.0	0.0	0.0	0.0	0.0	0.0	78.670	0.000	2.929	0.2	0.0	0.0	0.2
12-31-2035	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	522.5	0.0	914.8	26.6	0.0	43.8	78.670	0.000	2.929	2,096.2	0.0	128.4	2,224.6
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	522.5	0.0	914.8	26.6	0.0	43.8	78.670	0.000	2.929	2,096.2	0.0	128.4	2,224.6
CUM PROD	0.0	0.0	0.0										
ULTIMATE	522.5	0.0	914.8										

				NET DEDUCTIONS	EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	UNTED	DISCOUNTE	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	1,411.8
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	1,102.6
12-31-2026	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	951.3
12-31-2027	1	0.1	0.0	89.8	413.0	36.8	268.3	268.3	165.5	165.5	10	862.3
12-31-2028	1	0.1	0.0	92.2	0.0	45.2	705.3	973.6	452.1	617.6	12	781.8
12-31-2029	1	0.1	0.0	36.9	0.0	24.9	286.0	1,259.5	166.0	783.5	15	675.1
12-31-2030	1	0.1	0.0	14.8	0.0	15.1	110.4	1,369.9	58.0	841.6	20	529.1
12-31-2031	1	0.1	0.0	5.9	0.0	10.4	39.6	1,409.5	18.8	860.4	30	325.7
12-31-2032	1	0.1	0.0	2.4	0.0	8.2	11.1	1,420.6	4.8	865.2	40	200.7
12-31-2033	1	0.1	0.0	0.9	0.0	7.1	0.4	1,421.0	0.2	865.4	50	123.6
12-31-2034	1	0.1	0.0	0.0	0.0	0.2	-0.1	1,420.9	0.0	865.3		
12-31-2035	0	0.0	0.0	0.0	9.1	0.0	-9.1	1,411.8	-3.0	862.3		
SUBTOTAL			0.0	242.8	422.1	147.9	1,411.8	1,411.8	862.3	862.3		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	862.3		
TOTAL OF 10.0 Y	RS		0.0	242.8	422.1	147.9	1,411.8	1,411.8	862.3	862.3		

Reservoir: THREE FORKS 3 Perfs: 0-0

CTB No:



Proj Oil Cum: 0.00 Mbbl Oil Rem: 522.54 Mbbl Oil EUR: 522.54 Mbbl

ANDRESS SANDEFER ET AL CURRENT INTEREST

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.060737 INITIAL REVENUE INTEREST: 0.050992

PHDWIN ID: 174

WHITMAN TF3 LOC2 OAKDALE

FIELD: OAKDALE
RESERVOIR: THREE FORKS 3
COUNTY, STATE: DUNN, ND

OPERATOR:

NAME:

E: DUNN, ND
CONTINENTAL RESOURCES

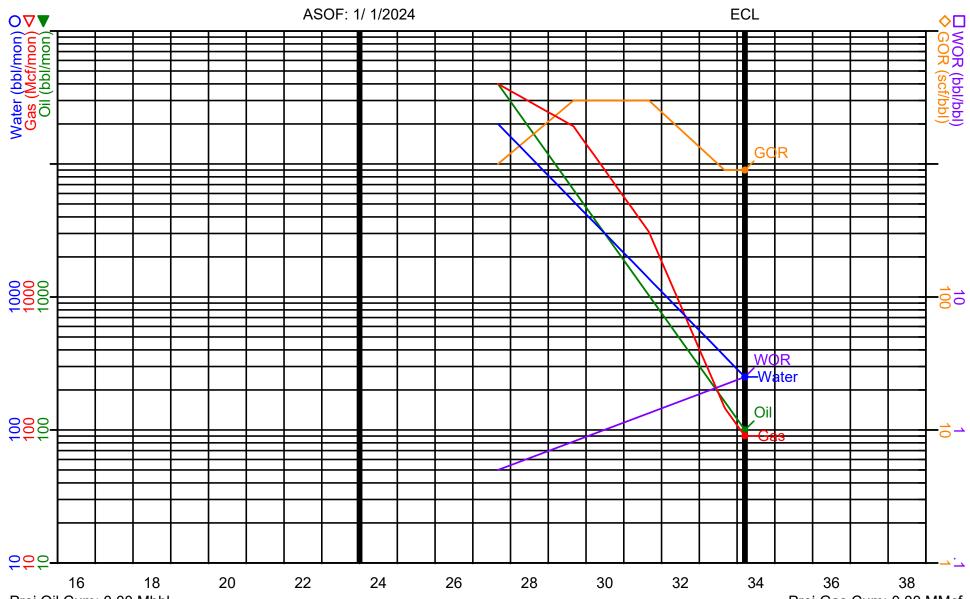
PERIOD	G	ROSS RESERVES		1	NET RESERVES		AV	VERAGE PRICES			GROSS REV	/ENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	167.0	0.0	186.3	8.5	0.0	8.9	78.670	0.000	2.929	669.8	0.0	26.2	696.0
12-31-2028	214.4	0.0	344.9	10.9	0.0	16.5	78.670	0.000	2.929	860.0	0.0	48.4	908.5
12-31-2029	85.5	0.0	228.9	4.4	0.0	11.0	78.670	0.000	2.929	342.8	0.0	32.1	374.9
12-31-2030	34.2	0.0	102.6	1.7	0.0	4.9	78.670	0.000	2.929	137.2	0.0	14.4	151.6
12-31-2031	13.7	0.0	39.7	0.7	0.0	1.9	78.670	0.000	2.929	54.9	0.0	5.6	60.5
12-31-2032	5.5	0.0	10.1	0.3	0.0	0.5	78.670	0.000	2.929	22.0	0.0	1.4	23.4
12-31-2033	2.2	0.0	2.3	0.1	0.0	0.1	78.670	0.000	2.929	8.8	0.0	0.3	9.1
12-31-2034	0.2	0.0	0.1	0.0	0.0	0.0	78.670	0.000	2.929	0.6	0.0	0.0	0.6
12-31-2035	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	522.5	0.0	914.8	26.6	0.0	43.8	78.670	0.000	2.929	2,096.2	0.0	128.4	2,224.6
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	522.5	0.0	914.8	26.6	0.0	43.8	78.670	0.000	2.929	2,096.2	0.0	128.4	2,224.6
CUM PROD	0.0	0.0	0.0										
ULTIMATE	522.5	0.0	914.8										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	FACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	UNTED	DISCOUNTE	O AT 10%	PRESENT WO	ORTH PROFILE
ENDING _	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	1,411.8
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	1,098.0
12-31-2026	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	944.9
12-31-2027	1	0.1	0.0	77.4	413.0	31.5	174.1	174.1	101.4	101.4	10	855.0
12-31-2028	1	0.1	0.0	99.6	0.0	47.7	761.1	935.2	487.9	589.3	12	773.9
12-31-2029	1	0.1	0.0	39.9	0.0	26.1	309.0	1,244.2	179.3	768.6	15	666.7
12-31-2030	1	0.1	0.0	16.0	0.0	15.7	120.0	1,364.2	63.1	831.7	20	520.3
12-31-2031	1	0.1	0.0	6.4	0.0	10.7	43.4	1,407.6	20.7	852.3	30	317.6
12-31-2032	1	0.1	0.0	2.6	0.0	8.3	12.6	1,420.2	5.4	857.8	40	194.2
12-31-2033	1	0.1	0.0	1.0	0.0	7.1	0.9	1,421.1	0.4	858.2	50	118.6
12-31-2034	1	0.1	0.0	0.1	0.0	0.8	-0.3	1,420.9	-0.1	858.1		
12-31-2035	0	0.0	0.0	0.0	9.1	0.0	-9.1	1,411.8	-3.0	855.0		
SUBTOTAL			0.0	242.8	422.1	147.9	1,411.8	1,411.8	855.0	855.0		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	855.0		
TOTAL OF 10.1 Y	RS		0.0	242.8	422.1	147.9	1,411.8	1,411.8	855.0	855.0		

API Number: NDIC FILE No:

Reservoir: THREE FORKS 3 Perfs: 0-0

CTB No:



Proj Oil Cum: 0.00 Mbbl Oil Rem: 522.54 Mbbl Oil EUR: 522.54 Mbbl

### PROJECTION OF RESERVES AND REVENUE AS OF JANUARY 1, 2024

ANDRESS SANDEFER ET AL CURRENT INTEREST

All estimates and exhibits are part of this report and subject to its parameters and conditions.

ARCHIVE SET: Sandefer Andress

INITIAL WORKING INTEREST: 0.060737 INITIAL REVENUE INTEREST: 0.050992

PHDWIN ID: 175

WHITMAN TF3 LOC3

FIELD: OAKDALE
RESERVOIR: THREE FORKS 3
COUNTY, STATE: DUNN, ND

OPERATOR:

NAME:

DUNN, ND CONTINENTAL RESOURCES

PERIOD	G	ROSS RESERVES			NET RESERVES		A	VERAGE PRICES	3		GROSS RE	VENUE	
ENDING	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	OIL	NGL	GAS	TOTAL
M-D-Y	MBBL	MGAL	MMCF	MBBL	MGAL	MMCF	\$/BBL	\$/GAL	\$/MCF	M\$	M\$	M\$	M\$
12-31-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2026	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
12-31-2027	138.1	0.0	150.9	7.0	0.0	7.2	78.670	0.000	2.929	554.1	0.0	21.2	575.2
12-31-2028	231.7	0.0	355.8	11.8	0.0	17.1	78.670	0.000	2.929	929.6	0.0	50.0	979.6
12-31-2029	92.4	0.0	239.6	4.7	0.0	11.5	78.670	0.000	2.929	370.5	0.0	33.6	404.2
12-31-2030	37.0	0.0	110.9	1.9	0.0	5.3	78.670	0.000	2.929	148.3	0.0	15.6	163.9
12-31-2031	14.8	0.0	43.4	0.8	0.0	2.1	78.670	0.000	2.929	59.4	0.0	6.1	65.5
12-31-2032	5.9	0.0	11.4	0.3	0.0	0.5	78.670	0.000	2.929	23.8	0.0	1.6	25.4
12-31-2033	2.4	0.0	2.5	0.1	0.0	0.1	78.670	0.000	2.929	9.5	0.0	0.4	9.8
12-31-2034	0.3	0.0	0.2	0.0	0.0	0.0	78.670	0.000	2.929	1.1	0.0	0.0	1.1
12-31-2035	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
SUBTOTAL	522.5	0.0	914.8	26.6	0.0	43.8	78.670	0.000	2.929	2,096.2	0.0	128.4	2,224.6
REMAINING	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0
TOTAL	522.5	0.0	914.8	26.6	0.0	43.8	78.670	0.000	2.929	2,096.2	0.0	128.4	2,224.6
CUM PROD	0.0	0.0	0.0										
ULTIMATE	522.5	0.0	914.8										

				NET DEDUCTIONS	/EXPENDITURES			FUTURE NET	REVENUE			
PERIOD	NUMBER OF	ACTIVE	NET	PROD AND	CAPITAL	OPERATING	UNDISCOU	JNTED	DISCOUNTE	O AT 10%	PRESENT WO	RTH PROFILE
ENDING	COMPLE	TIONS	PROFITS	ADV TAXES	COST	EXPENSE	PERIOD	CUM	PERIOD	CUM	DISC RATE	CUM PW
M-D-Y	GROSS	NET	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$	%	M\$
12-31-2024	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	1,411.8
12-31-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	1,093.3
12-31-2026	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	938.5
12-31-2027	1	0.1	0.0	64.0	413.0	25.8	72.4	72.4	32.8	32.8	10	847.9
12-31-2028	1	0.1	0.0	107.6	0.0	50.4	821.5	893.9	526.6	559.4	12	766.1
12-31-2029	1	0.1	0.0	43.1	0.0	27.4	333.7	1,227.6	193.6	753.1	15	658.3
12-31-2030	1	0.1	0.0	17.3	0.0	16.3	130.3	1,358.0	68.5	821.6	20	511.6
12-31-2031	1	0.1	0.0	6.9	0.0	11.0	47.6	1,405.5	22.6	844.2	30	309.7
12-31-2032	1	0.1	0.0	2.8	0.0	8.4	14.2	1,419.7	6.1	850.4	40	187.8
12-31-2033	1	0.1	0.0	1.1	0.0	7.2	1.5	1,421.3	0.6	851.0	50	113.8
12-31-2034	1	0.1	0.0	0.1	0.0	1.4	-0.4	1,420.9	-0.1	850.8		
12-31-2035	0	0.0	0.0	0.0	9.1	0.0	-9.1	1,411.8	-3.0	847.9		
SUBTOTAL			0.0	242.8	422.1	147.9	1,411.8	1,411.8	847.9	847.9		
REMAINING			0.0	0.0	0.0	0.0	0.0	0.0	0.0	847.9		
TOTAL OF 10.2 Y	RS		0.0	242.8	422.1	147.9	1,411.8	1,411.8	847.9	847.9		

3P Filter

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This document contains information excerpted from definitions and guidelines prepared by the Oil and Gas Reserves Committee of the Society of Petroleum Engineers (SPE) and reviewed and jointly sponsored by the SPE, World Petroleum Council, American Association of Petroleum Geologists, Society of Petroleum Evaluation Engineers, Society of Exploration Geophysicists, Society of Petrophysicists and Well Log Analysts, and European Association of Geoscientists & Engineers.

#### **Preamble**

Petroleum resources are the quantities of hydrocarbons naturally occurring on or within the Earth's crust. Resources assessments estimate quantities in known and yet-to-be-discovered accumulations. Resources evaluations are focused on those quantities that can potentially be recovered and marketed by commercial projects. A petroleum resources management system provides a consistent approach to estimating petroleum quantities, evaluating projects, and presenting results within a comprehensive classification framework.

This updated PRMS provides fundamental principles for the evaluation and classification of petroleum reserves and resources. If there is any conflict with prior SPE and PRMS guidance, approved training, or the Application Guidelines, the current PRMS shall prevail. It is understood that these definitions and guidelines allow flexibility for entities, governments, and regulatory agencies to tailor application for their particular needs; however, any modifications to the guidance contained herein must be clearly identified. The terms "shall" or "must" indicate that a provision herein is mandatory for PRMS compliance, while "should" indicates a recommended practice and "may" indicates that a course of action is permissible. The definitions and guidelines contained in this document must not be construed as modifying the interpretation or application of any existing regulatory reporting requirements.

#### 1.0 Basic Principles and Definitions

- **1.0.0.1** A classification system of petroleum resources is a fundamental element that provides a common language for communicating both the confidence of a project's resources maturation status and the range of potential outcomes to the various entities. The PRMS provides transparency by requiring the assessment of various criteria that allow for the classification and categorization of a project's resources. The evaluation elements consider the risk of geologic discovery and the technical uncertainties together with a determination of the chance of achieving the commercial maturation status of a petroleum project.
- **1.0.0.2** The technical estimation of petroleum resources quantities involves the assessment of quantities and values that have an inherent degree of uncertainty. These quantities are associated with exploration, appraisal, and development projects at various stages of design and implementation. The commercial aspects considered will relate the project's maturity status (e.g., technical, economical, regulatory, and legal) to the chance of project implementation.
- **1.0.0.3** The use of a consistent classification system enhances comparisons between projects, groups of projects, and total company portfolios. The application of PRMS must consider both technical and commercial factors that impact the project's feasibility, its productive life, and its related cash flows.

#### 1.1 Petroleum Resources Classification Framework

**1.1.0.1** Petroleum is defined as a naturally occurring mixture consisting of hydrocarbons in the gaseous, liquid, or solid state. Petroleum may also contain non-hydrocarbons, common examples of which are carbon

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dioxide, nitrogen, hydrogen sulfide, and sulfur. In rare cases, non-hydrocarbon content can be greater than 50%.

- **1.1.0.2** The term resources as used herein is intended to encompass all quantities of petroleum naturally occurring within the Earth's crust, both discovered and undiscovered (whether recoverable or unrecoverable), plus those quantities already produced. Further, it includes all types of petroleum whether currently considered as conventional or unconventional resources.
- **1.1.0.3** Figure 1.1 graphically represents the PRMS resources classification system. The system classifies resources into discovered and undiscovered and defines the recoverable resources classes: Production, Reserves, Contingent Resources, and Prospective Resources, as well as Unrecoverable Petroleum.

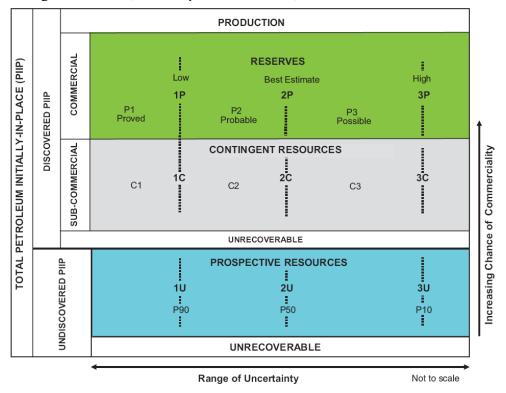


Figure 1.1 – Resources classification framework

- **1.1.0.4** The horizontal axis reflects the range of uncertainty of estimated quantities potentially recoverable from an accumulation by a project, while the vertical axis represents the chance of commerciality, Pc, which is the chance that a project will be committed for development and reach commercial producing status.
- 1.1.0.5 The following definitions apply to the major subdivisions within the resources classification:
  - A. **Total Petroleum Initially-In-Place** (PIIP) is all quantities of petroleum that are estimated to exist originally in naturally occurring accumulations, discovered and undiscovered, before production.
  - B. **Discovered PIIP** is the quantity of petroleum that is estimated, as of a given date, to be contained in known accumulations before production.
  - C. **Production** is the cumulative quantities of petroleum that have been recovered at a given date. While all recoverable resources are estimated, and production is measured in terms of the sales product specifications, raw production (sales plus non-sales) quantities are also measured and

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required to support engineering analyses based on reservoir voidage (see Section 3.2, Production Measurement).

- **1.1.0.6** Multiple development projects may be applied to each known or unknown accumulation, and each project will be forecast to recover an estimated portion of the initially-in-place quantities. The projects shall be subdivided into commercial, sub-commercial, and undiscovered, with the estimated recoverable quantities being classified as Reserves, Contingent Resources, or Prospective Resources respectively, as defined below.
  - A. 1. **Reserves** are those quantities of petroleum anticipated to be commercially recoverable by application of development projects to known accumulations from a given date forward under defined conditions. Reserves must satisfy four criteria: discovered, recoverable, commercial, and remaining (as of the evaluation's effective date) based on the development project(s) applied.
    - 2. Reserves are recommended as sales quantities as metered at the reference point. Where the entity also recognizes quantities consumed in operations (CiO) (see Section 3.2.2), as Reserves these quantities must be recorded separately. Nonhydrocarbon quantities are recognized as Reserves only when sold together with hydrocarbons or CiO associated with petroleum production. If the non-hydrocarbon is separated before sales, it is excluded from Reserves.
    - 3. Reserves are further categorized in accordance with the range of uncertainty and should be subclassified based on project maturity and/or characterized by development and production status.
  - B. Contingent Resources are those quantities of petroleum estimated, as of a given date, to be potentially recoverable from known accumulations, by the application of development project(s) not currently considered to be commercial owing to one or more contingencies. Contingent Resources have an associated chance of development. Contingent Resources may include, for example, projects for which there are currently no viable markets, or where commercial recovery is dependent on technology under development, or where evaluation of the accumulation is insufficient to clearly assess commerciality. Contingent Resources are further categorized in accordance with the range of uncertainty associated with the estimates and should be sub-classified based on project maturity and/or economic status.
  - C. **Undiscovered PIIP** is that quantity of petroleum estimated, as of a given date, to be contained within accumulations yet to be discovered.
  - D. **Prospective Resources** are those quantities of petroleum estimated, as of a given date, to be potentially recoverable from undiscovered accumulations by application of future development projects. Prospective Resources have both an associated chance of geologic discovery and a chance of development. Prospective Resources are further categorized in accordance with the range of uncertainty associated with recoverable estimates, assuming discovery and development, and may be subclassified based on project maturity.
  - E. Unrecoverable Resources are that portion of either discovered or undiscovered PIIP evaluated, as of a given date, to be unrecoverable by the currently defined project(s). A portion of these quantities may become recoverable in the future as commercial circumstances change, technology is developed, or additional data are acquired. The remaining portion may never be recovered because of physical/chemical constraints represented by subsurface interaction of fluids and reservoir rocks.
- **1.1.0.7** The sum of Reserves, Contingent Resources, and Prospective Resources may be referred to as "remaining recoverable resources." Importantly, these quantities should not be aggregated without due

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consideration of the technical and commercial risk involved with their classification. When such terms are used, each classification component of the summation must be provided.

- **1.1.0.8** Other terms used in resource assessments include the following:
  - A. **Estimated Ultimate Recovery (EUR)** is not a resources category or class, but a term that can be applied to an accumulation or group of accumulations (discovered or undiscovered) to define those quantities of petroleum estimated, as of a given date, to be potentially recoverable plus those quantities already produced from the accumulation or group of accumulations. For clarity, EUR must reference the associated technical and commercial conditions for the resources; for example, proved EUR is Proved Reserves plus prior production.
  - B. **Technically Recoverable Resources (TRR)** are those quantities of petroleum producible using currently available technology and industry practices, regardless of commercial considerations. TRR may be used for specific Projects or for groups of Projects, or, can be an undifferentiated estimate within an area (often basin-wide) of recovery potential.
- **1.1.0.9** Whenever these terms are used, the conditions associated with their usage must be clearly noted and documented.

#### 1.2 Project-Based Resources Evaluations

- **1.2.0.1** The resources evaluation process consists of identifying a recovery project or projects associated with one or more petroleum accumulations, estimating the quantities of PIIP, estimating that portion of those in-place quantities that can be recovered by each project, and classifying the project(s) based on maturity status or chance of commerciality.
- **1.2.0.2** The concept of a project-based classification system is further clarified by examining the elements contributing to an evaluation of net recoverable resources (see Figure 1.2).

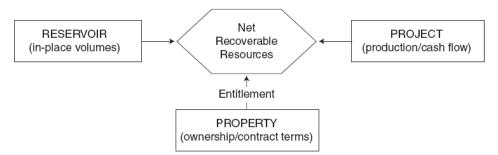


Figure 1.2 – Resources evaluation

- **1.2.0.3** The reservoir (contains the petroleum accumulation): Key attributes include the types and quantities of PIIP and the fluid and rock properties that affect petroleum recovery.
- 1.2.0.4 The project: A project may constitute the development of a well, a single reservoir, or a small field; an incremental development in a producing field; or the integrated development of a field or several fields together with the associated processing facilities (e.g., compression). Within a project, a specific reservoir's development generates a unique production and cash-flow schedule at each level of certainty. The integration of these schedules taken to the project's earliest truncation caused by technical, economic, or the contractual limit defines the estimated recoverable resources and associated future net cash flow projections for each project. The ratio of EUR to total PIIP quantities defines the project's recovery

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efficiency. Each project should have an associated recoverable resources range (low, best, and high estimate).

- **1.2.0.5** The property (lease or license area): Each property may have unique associated contractual rights and obligations, including the fiscal terms. This information allows definition of each participating entity's share of produced quantities (entitlement) and share of investments, expenses, and revenues for each recovery project and the reservoir to which it is applied. One property may encompass many reservoirs, or one reservoir may span several different properties. A property may contain both discovered and undiscovered accumulations that may be spatially unrelated to a potential single field designation.
- **1.2.0.6** An entity's net recoverable resources are the entitlement share of future production legally accruing under the terms of the development and production contract or license.
- 1.2.0.7 In the context of this relationship, the project is the primary element considered in the resources classification, and the net recoverable resources are the quantities derived from each project. A project represents a defined activity or set of activities to develop the petroleum accumulation(s) and the decisions taken to mature the resources to reserves. In general, it is recommended that an individual project has assigned to it a specific maturity level sub-class (See Section 2.1.3.5, Project Maturity Sub-Classes) at which a decision is made whether or not to proceed (i.e., spend more money) and there should be an associated range of estimated recoverable quantities for the project (See Section 2.2.1, Range of Uncertainty). For completeness, a developed field is also considered to be a project.
- **1.2.0.8** An accumulation or potential accumulation of petroleum is often subject to several separate and distinct projects that are at different stages of exploration or development. Thus, an accumulation may have recoverable quantities in several resources classes simultaneously.
- **1.2.0.9** The estimates of recoverable quantities must be stated in terms of the production derived from the potential development program even for Prospective Resources. Given the major uncertainties involved at this early stage, the development program will not be of the detail expected in later stages of maturity. In most cases, recovery efficiency may be based largely on analogous projects. In-place quantities for which a feasible project cannot be defined using current or reasonably forecast improvements in technology are classified as Unrecoverable.
- 1.2.0.10 Not all technically feasible development projects will be commercial. The commercial viability of a development project within a field's development plan is dependent on a forecast of the conditions that will exist during the time period encompassed by the project (see Section 3.1, Assessment of Commerciality). Conditions include technical, economic (e.g., hurdle rates, commodity prices), operating and capital costs, marketing, sales route(s), and legal, environmental, social, and governmental factors forecast to exist and impact the project during the time period being evaluated. While economic factors can be summarized as forecast costs and product prices, the underlying influences include, but are not limited to, market conditions (e.g., inflation, market factors, and contingencies), exchange rates, transportation and processing infrastructure, fiscal terms, and taxes.
- **1.2.0.11** The resources being estimated are those quantities producible from a project as measured according to delivery specifications at the point of sale or custody transfer (see Section 3.2.1, Reference Point) and may permit forecasts of CiO quantities (see Section 3.2.2., Consumed in Operations). The cumulative production forecast from the effective date forward to cessation of production is the remaining recoverable resources quantity (see Section 3.1.1, Net Cash-Flow Evaluation).

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**1.2.0.12** The supporting data, analytical processes, and assumptions describing the technical and commercial basis used in an evaluation must be documented in sufficient detail to allow, as needed, a qualified reserves evaluator or qualified reserves auditor to clearly understand each project's basis for the estimation, categorization, and classification of recoverable resources quantities and, if appropriate, associated commercial assessment.

#### 2.0 Classification and Categorization Guidelines

#### 2.1 Resources Classification

**2.1.0.1** The PRMS classification establishes criteria for the classification of the total PIIP. A determination of a discovery differentiates between discovered and undiscovered PIIP. The application of a project further differentiates the recoverable from unrecoverable resources. The project is then evaluated to determine its maturity status to allow the classification distinction between commercial and sub-commercial projects. PRMS requires the project's recoverable resources quantities to be classified as either Reserves, Contingent Resources, or Prospective Resources.

#### 2.1.1 Determination of Discovery Status

- **2.1.1.1** A discovered petroleum accumulation is determined to exist when one or more exploratory wells have established through testing, sampling, and/or logging the existence of a significant quantity of potentially recoverable hydrocarbons and thus have established a known accumulation. In the absence of a flow test or sampling, the discovery determination requires confidence in the presence of hydrocarbons and evidence of producibility, which may be supported by suitable producing analogs (see Section 4.1.1, Analogs). In this context, "significant" implies that there is evidence of a sufficient quantity of petroleum to justify estimating the in-place quantity demonstrated by the well(s) and for evaluating the potential for commercial recovery.
- **2.1.1.2** Where a discovery has identified potentially recoverable hydrocarbons, but it is not considered viable to apply a project with established technology or with technology under development, such quantities may be classified as Discovered Unrecoverable with no Contingent Resources. In future evaluations, as appropriate for petroleum resources management purposes, a portion of these unrecoverable quantities may become recoverable resources as either commercial circumstances change or technological developments occur.

#### 2.1.2 Determination of Commerciality

- **2.1.2.1** Discovered recoverable quantities (Contingent Resources) may be considered commercially mature, and thus attain Reserves classification, if the entity claiming commerciality has demonstrated a firm intention to proceed with development. This means the entity has satisfied the internal decision criteria (typically rate of return at or above the weighted average cost-of-capital or the hurdle rate). Commerciality is achieved with the entity's commitment to the project and all of the following criteria:
  - A. Evidence of a technically mature, feasible development plan.
  - B. Evidence of financial appropriations either being in place or having a high likelihood of being secured to implement the project.
  - C. Evidence to support a reasonable time-frame for development.
  - D. A reasonable assessment that the development projects will have positive economics and meet defined investment and operating criteria. This assessment is performed on the estimated

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- entitlement forecast quantities and associated cash flow on which the investment decision is made (see Section 3.1.1, Net Cash-Flow Evaluation).
- E. A reasonable expectation that there will be a market for forecast sales quantities of the production required to justify development. There should also be similar confidence that all produced streams (e.g., oil, gas, water, CO2) can be sold, stored, re-injected, or otherwise appropriately disposed.
- F. Evidence that the necessary production and transportation facilities are available or can be made available.
- G. Evidence that legal, contractual, environmental, regulatory, and government approvals are in place or will be forthcoming, together with resolving any social and economic concerns.
- **2.1.2.2** The commerciality test for Reserves determination is applied to the best estimate (P50) forecast quantities, which upon qualifying all commercial and technical maturity criteria and constraints become the 2P Reserves. Stricter cases [e.g., low estimate (P90)] may be used for decision purposes or to investigate the range of commerciality (see Section 3.1.2, Economic Criteria). Typically, the low- and high-case project scenarios may be evaluated for sensitivities when considering project risk and upside opportunity.
- **2.1.2.3** To be included in the Reserves class, a project must be sufficiently defined to establish both its technical and commercial viability as noted in Section 2.1.2.1. There must be a reasonable expectation that all required internal and external approvals will be forthcoming and evidence of firm intention to proceed with development within a reasonable time-frame. A reasonable time-frame for the initiation of development depends on the specific circumstances and varies according to the scope of the project. While five years is recommended as a benchmark, a longer time-frame could be applied where justifiable; for example, development of economic projects that take longer than five years to be developed or are deferred to meet contractual or strategic objectives. In all cases, the justification for classification as Reserves should be clearly documented.
- **2.1.2.4** While PRMS guidelines require financial appropriations evidence, they do not require that project financing be confirmed before classifying projects as Reserves. However, this may be another external reporting requirement. In many cases, financing is conditional upon the same criteria as above. In general, if there is not a reasonable expectation that financing or other forms of commitment (e.g., farm-outs) can be arranged so that the development will be initiated within a reasonable time-frame, then the project should be classified as Contingent Resources. If financing is reasonably expected to be in place at the time of the final investment decision (FID), the project's resources may be classified as Reserves.

#### 2.1.3 Project Status and Chance of Commerciality

**2.1.3.1** Evaluators have the option to establish a more detailed resources classification reporting system that can also provide the basis for portfolio management by subdividing the chance of commerciality axis according to project maturity. Such sub-classes may be characterized qualitatively by the project maturity level descriptions and associated quantitative chance of reaching commercial status and being placed on production.

#### 2.1.3.5 Project Maturity Sub-Classes

**2.1.3.5.1** As Figure 2.1 illustrates, development projects and associated recoverable quantities may be subclassified according to project maturity levels and the associated actions (i.e., business decisions) required to move a project toward commercial production.

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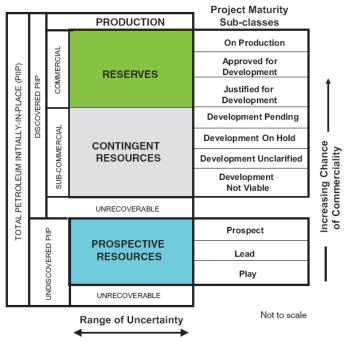


Figure 2.1 – Sub-classes based on project maturity

**2.1.3.5.2** Maturity terminology and definitions for each project maturity class and sub-class are provided in Table 1. This approach supports the management of portfolios of opportunities at various stages of exploration, appraisal, and development. Reserve sub-classes must achieve commerciality while Contingent and Prospective Resources sub-classes may be supplemented by associated quantitative estimates of chance of commerciality to mature.

#### 2.1.3.6 Reserves Status

- **2.1.3.6.1** Once projects satisfy commercial maturity (criteria given in Table 1), the associated quantities are classified as Reserves. These quantities may be allocated to the following subdivisions based on the funding and operational status of wells and associated facilities within the reservoir development plan (Table 2 provides detailed definitions and guidelines):
  - A. **Developed Reserves** are quantities expected to be recovered from existing wells and facilities.
    - 1. **Developed Producing Reserves** are expected to be recovered from completion intervals that are open and producing at the time of the estimate.
    - 2. **Developed Non-Producing Reserves** include shut-in and behind-pipe reserves with minor costs to access.
  - B. Undeveloped Reserves are quantities expected to be recovered through future significant investments.
- **2.1.3.6.2** The distinction between the "minor costs to access" Developed Non-Producing Reserves and the "significant investment" needed to develop Undeveloped Reserves requires the judgment of the evaluator taking into account the cost environment. A significant investment would be a relatively large expenditure when compared to the cost of drilling and completing a new well. A minor cost would be a lower expenditure when compared to the cost of drilling and completing a new well.

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- **2.1.3.6.3** Once a project passes the commercial assessment and achieves Reserves status, it is then included with all other Reserves projects of the same category in the same field for estimating combined future production and applying the economic limit test (see Section 3.1, Assessment of Commerciality).
- **2.1.3.6.4** Where Reserves remain Undeveloped beyond a reasonable time-frame or have remained Undeveloped owing to postponements, evaluations should be critically reviewed to document reasons for the delay in initiating development and to justify retaining these quantities within the Reserves class. While there are specific circumstances where a longer delay (see Section 2.1.2, Determination of Commerciality) is justified, a reasonable time-frame to commence the project is generally considered to be less than five years from the initial classification date.
- **2.1.3.6.5** Development and Production status are of significant importance for project portfolio management and financials. The Reserves status concept of Developed and Undeveloped status is based on the funding and operational status of wells and producing facilities within the development project. These status designations are applicable throughout the full range of Reserves uncertainty categories (1P, 2P, and 3P or Proved, Probable, and Possible). Even those projects that are Developed and On Production should have remaining uncertainty in recoverable quantities.

#### 2.2 Resources Categorization

- **2.2.0.1** The horizontal axis in the resources classification in Figure 1.1 defines the range of uncertainty in estimates of the quantities of recoverable, or potentially recoverable, petroleum associated with a project or group of projects. These estimates include the uncertainty components as follows:
  - A. The total petroleum remaining within the accumulation (in-place resources).
  - B. The technical uncertainty in the portion of the total petroleum that can be recovered by applying a defined development project or projects (i.e., the technology applied).
  - C. Known variations in the commercial terms that may impact the quantities recovered and sold (e.g., market availability; contractual changes, such as production rate tiers or product quality specifications) are part of project's scope and are included in the horizontal axis, while the chance of satisfying the commercial terms is reflected in the classification (vertical axis).
- **2.2.0.2** The uncertainty in a project's recoverable quantities is reflected by the 1P, 2P, 3P, Proved (P1), Probable (P2), Possible (P3), 1C, 2C, 3C, C1, C2, and C3; or 1U, 2U, and 3U resources categories. The commercial chance of success is associated with resources classes or sub-classes and not with the resources categories reflecting the range of recoverable quantities.

#### 2.2.1 Range of Uncertainty

- **2.2.1.1** Uncertainty is inherent in a project's resources estimation and is communicated in PRMS by reporting a range of category outcomes. The range of uncertainty of the recoverable and/or potentially recoverable quantities may be represented by either deterministic scenarios or by a probability distribution (see Section 4.2, Resources Assessment Methods).
- **2.2.1.2** When the range of uncertainty is represented by a probability distribution, a low, best, and high estimate shall be provided such that:

Excerpted from the Petroleum Resources Management System (PRMS) approved by the Society of Petroleum Engineers (SPE) Board of Directors, June 2018

- A. There should be at least a 90% probability (P90) that the quantities actually recovered will equal or exceed the low estimate.
- B. There should be at least a 50% probability (P50) that the quantities actually recovered will equal or exceed the best estimate.
- C. There should be at least a 10% probability (P10) that the quantities actually recovered will equal or exceed the high estimate.
- **2.2.1.3** In some projects, the range of uncertainty may be limited, and the three scenarios may result in resources estimates that are not significantly different. In these situations, a single value estimate may be appropriate to describe the expected result.
- **2.2.1.4** When using the deterministic scenario method, typically there should also be low, best, and high estimates, where such estimates are based on qualitative assessments of relative uncertainty using consistent interpretation guidelines. Under the deterministic incremental method, quantities for each confidence segment are estimated discretely (see Section 2.2.2, Category Definitions and Guidelines).
- **2.2.1.5** Project resources are initially estimated using the above uncertainty range forecasts that incorporate the subsurface elements together with technical constraints related to wells and facilities. The technical forecasts then have additional commercial criteria applied (e.g., economics and license cutoffs are the most common) to estimate the entitlement quantities attributed and the resources classification status: Reserves, Contingent Resources, and Prospective Resources.

#### 2.2.2 Category Definitions and Guidelines

- **2.2.2.1** Evaluators may assess recoverable quantities and categorize results by uncertainty using the deterministic incremental method, the deterministic scenario (cumulative) method, geostatistical methods, or probabilistic methods (see Section 4.2, Resources Assessment Methods). Also, combinations of these methods may be used.
- **2.2.2.2** Use of consistent terminology (Figures 1.1 and 2.1) promotes clarity in communication of evaluation results. For Reserves, the general cumulative terms low/best/high forecasts are used to estimate the resulting 1P/2P/3P quantities, respectively. The associated incremental quantities are termed Proved (P1), Probable (P2) and Possible (P3). Reserves are a subset of, and must be viewed within the context of, the complete resources classification system. While the categorization criteria are proposed specifically for Reserves, in most cases, the criteria can be equally applied to Contingent and Prospective Resources. Upon satisfying the commercial maturity criteria for discovery and/or development, the project quantities will then move to the appropriate resources sub-class. Table 3 provides criteria for the Reserves categories determination.
- **2.2.2.3** For Contingent Resources, the general cumulative terms low/best/high estimates are used to estimate the resulting 1C/2C/3C quantities, respectively. The terms C1, C2, and C3 are defined for incremental quantities of Contingent Resources.
- **2.2.2.4** For Prospective Resources, the general cumulative terms low/best/high estimates also apply and are used to estimate the resulting 1U/2U/3U quantities. No specific terms are defined for incremental quantities within Prospective Resources.
- **2.2.2.5** Quantities in different classes and sub-classes cannot be aggregated without considering the varying degrees of technical uncertainty and commercial likelihood involved with the classification(s) and without considering the degree of dependency between them (see Section 4.2.1, Aggregating Resources Classes).

Excerpted from the Petroleum Resources Management System (PRMS) approved by the Society of Petroleum Engineers (SPE) Board of Directors, June 2018

- **2.2.2.6** Without new technical information, there should be no change in the distribution of technically recoverable resources and the categorization boundaries when conditions are satisfied to reclassify a project from Contingent Resources to Reserves.
- **2.2.2.7** All evaluations require application of a consistent set of forecast conditions, including assumed future costs and prices, for both classification of projects and categorization of estimated quantities recovered by each project (see Section 3.1, Assessment of Commerciality).

#### 2.3 Incremental Projects

**2.3.0.1** The initial resources assessment is based on application of a defined initial development project, even extending into Prospective Resources. Incremental projects are designed to either increase recovery efficiency, reduce costs, or accelerate production through either maintenance of or changes to wells, completions, or facilities or through infill drilling or by means of improved recovery. Such projects are classified according to the resources classification framework (Figure 1.1), with preference for applying project maturity sub-classes (Figure 2.1). Related incremental quantities are similarly categorized on the range of uncertainty of recovery. The projected recovery change can be included in Reserves if the degree of commitment is such that the project has achieved commercial maturity (See Section 2.1.2, Determination of Commerciality). The quantity of such incremental recovery must be supported by technical evidence to justify the relative confidence in the resources category assigned.

#### 2.3.1 Workovers, Treatments, and Changes of Equipment

**2.3.1.1** Incremental recovery associated with a future workover, treatment (including hydraulic fracturing stimulation), re-treatment, changes to existing equipment, or other mechanical procedures where such projects have routinely been successful in analogous reservoirs may be classified as Developed Reserves, Undeveloped Reserves, or Contingent Resources, depending on the associated costs required (see Section 2.1.3.2, Reserves Status) and the status of the project's commercial maturity elements.

#### 2.4 Unconventional Resources

- **2.4.0.1** The types of in-place petroleum resources defined as conventional and unconventional may require different evaluation approaches and/or extraction methods. However, the PRMS resources definitions, together with the classification system, apply to all types of petroleum accumulations regardless of the in-place characteristics, extraction method applied, or degree of processing required.
  - A. Conventional resources exist in porous and permeable rock with pressure equilibrium. The PIIP is trapped in discrete accumulations related to a local geological structure feature and/or stratigraphic condition. Each conventional accumulation is typically bounded by a down dip contact with an aquifer, as its position is controlled by hydrodynamic interactions between buoyancy of petroleum in water versus capillary force. The petroleum is recovered through wellbores and typically requires minimal processing before sale.
  - B. Unconventional resources exist in petroleum accumulations that are pervasive throughout a large area and are not significantly affected by hydrodynamic influences (also called "continuous-type deposit"). Usually there is not an obvious structural or stratigraphic trap. Examples include coalbed methane (CBM), basin-centered gas (low permeability), tight gas and tight oil (low permeability), gas hydrates, natural bitumen (very high viscosity oil), and oil shale (kerogen) deposits. Note that shale gas and shale oil are sub-types of tight gas and tight oil where the lithologies are predominantly shales or siltstones. These accumulations lack the porosity and permeability of

Excerpted from the Petroleum Resources Management System (PRMS) approved by the Society of Petroleum Engineers (SPE) Board of Directors, June 2018

conventional reservoirs required to flow without stimulation at economic rates. Typically, such accumulations require specialized extraction technology (e.g., dewatering of CBM, hydraulic fracturing stimulation for tight gas and tight oil, steam and/or solvents to mobilize natural bitumen for in-situ recovery, and in some cases, surface mining of oil sands). Moreover, the extracted petroleum may require significant processing before sale (e.g., bitumen upgraders).

Table 1 – Recoverable Resources Classes and Sub-Classes

Class/Sub-Class	Definition	Guidelines
Reserves	Reserves are those quantities of petroleum anticipated to be commercially recoverable by application of development projects to known accumulations from a given date forward under defined conditions.	Reserves must satisfy four criteria: discovered, recoverable, commercial, and remaining based on the development project(s) applied. Reserves are further categorized in accordance with the level of certainty associated with the estimates and may be subclassified based on project maturity and/or characterized by the development and production status.  To be included in the Reserves class, a project must be sufficiently defined to establish its commercial viability (see Section 2.1.2, Determination of Commerciality). This includes the requirement that there is evidence of firm intention to proceed with development within a reasonable time-frame.  A reasonable time-frame for the initiation of development depends on the specific circumstances and varies according to the scope of the project. While five years is recommended as a benchmark, a longer time-frame could be applied where, for example, development of an economic project is deferred at the option of the producer for, among other things, market-related reasons or to meet contractual or strategic objectives. In all cases, the justification for classification as Reserves should be clearly documented.
		To be included in the Reserves class, there must be a high confidence in the commercial maturity and economic producibility of the reservoir as supported by actual production or formation tests. In certain cases, Reserves may be assigned on the basis of well logs and/or core analysis that indicate that the subject reservoir is hydrocarbon-bearing and is analogous to reservoirs in the same area that are producing or have demonstrated the ability to produce on formation tests.
On Production	The development project is currently producing or capable of producing and selling petroleum to market.	The key criterion is that the project is receiving income from sales, rather than that the approved development project is necessarily complete. Includes Developed Producing Reserves.  The project decision gate is the decision to initiate or continue economic production from the project.

Class/Sub-Class	Definition	Guidelines
Approved for Development	All necessary approvals have been obtained, capital funds have been committed, and implementation of the development project is ready to begin or is under way.	At this point, it must be certain that the development project is going ahead. The project must not be subject to any contingencies, such as outstanding regulatory approvals or sales contracts. Forecast capital expenditures should be included in the reporting entity's current or following year's approved budget.  The project decision gate is the decision to start investing capital in the construction of production facilities and/or drilling development wells.
Justified for Development  Contingent	Implementation of the development project is justified on the basis of reasonable forecast commercial conditions at the time of reporting, and there are reasonable expectations that all necessary approvals/contracts will be obtained.  Those quantities of	To move to this level of project maturity, and hence have Reserves associated with it, the development project must be commercially viable at the time of reporting (see Section 2.1.2, Determination of Commerciality) and the specific circumstances of the project. All participating entities have agreed and there is evidence of a committed project (firm intention to proceed with development within a reasonable time-frame}) There must be no known contingencies that could preclude the development from proceeding (see Reserves class).  The project decision gate is the decision by the reporting entity and its partners, if any, that the project has reached a level of technical and commercial maturity sufficient to justify proceeding with development at that point in time.  Contingent Resources may include, for example, projects for
Resources	petroleum estimated, as of a given date, to be potentially recoverable from known accumulations by application of development projects, but which are not currently considered to be commercially recoverable owing to one or more contingencies.	which there are currently no viable markets, where commercial recovery is dependent on technology under development, where evaluation of the accumulation is insufficient to clearly assess commerciality, where the development plan is not yet approved, or where regulatory or social acceptance issues may exist.  Contingent Resources are further categorized in accordance with the level of certainty associated with the estimates and may be sub-classified based on project maturity and/or characterized by the economic status.
Development Pending	A discovered accumulation where project activities are ongoing to justify commercial development in the foreseeable future.	The project is seen to have reasonable potential for eventual commercial development, to the extent that further data acquisition (e.g., drilling, seismic data) and/or evaluations are currently ongoing with a view to confirming that the project is commercially viable and providing the basis for selection of an appropriate development plan. The critical contingencies have been identified and are reasonably expected to be resolved within a reasonable time-frame. Note that disappointing appraisal/evaluation results could lead to a reclassification of the project to On Hold or Not Viable status.  The project decision gate is the decision to undertake further data acquisition and/or studies designed to move the project to a level of technical and commercial maturity at which a decision can be made to proceed with development and production.

Class/Sub-Class	Definition	Guidelines
Development on Hold	A discovered accumulation where project activities are on hold and/or where justification as a commercial development may be subject to significant delay.	The project is seen to have potential for commercial development. Development may be subject to a significant time delay. Note that a change in circumstances, such that there is no longer a probable chance that a critical contingency can be removed in the foreseeable future, could lead to a reclassification of the project to Not Viable status.  The project decision gate is the decision to either proceed with additional evaluation designed to clarify the potential for eventual commercial development or to temporarily suspend or delay further activities pending resolution of external contingencies.
Development Unclarified	A discovered accumulation where project activities are under evaluation and where justification as a commercial development is unknown based on available information.	The project is seen to have potential for eventual commercial development, but further appraisal/evaluation activities are ongoing to clarify the potential for eventual commercial development.  This sub-class requires active appraisal or evaluation and should not be maintained without a plan for future evaluation. The sub-class should reflect the actions required to move a project toward commercial maturity and economic production.
Development Not Viable	A discovered accumulation for which there are no current plans to develop or to acquire additional data at the time because of limited production potential.	The project is not seen to have potential for eventual commercial development at the time of reporting, but the theoretically recoverable quantities are recorded so that the potential opportunity will be recognized in the event of a major change in technology or commercial conditions.  The project decision gate is the decision not to undertake further data acquisition or studies on the project for the foreseeable future.
Prospective Resources	Those quantities of petroleum that are estimated, as of a given date, to be potentially recoverable from undiscovered accumulations.	Potential accumulations are evaluated according to the chance of geologic discovery and, assuming a discovery, the estimated quantities that would be recoverable under defined development projects. It is recognized that the development programs will be of significantly less detail and depend more heavily on analog developments in the earlier phases of exploration.
Prospect	A project associated with a potential accumulation that is sufficiently well defined to represent a viable drilling target.	Project activities are focused on assessing the chance of geologic discovery and, assuming discovery, the range of potential recoverable quantities under a commercial development program.
Lead	A project associated with a potential accumulation that is currently poorly defined and requires more data acquisition and/or evaluation to be classified as a Prospect.	Project activities are focused on acquiring additional data and/or undertaking further evaluation designed to confirm whether or not the Lead can be matured into a Prospect. Such evaluation includes the assessment of the chance of geologic discovery and, assuming discovery, the range of potential recovery under feasible development scenarios.

Class/Sub-Class	Definition	Guidelines
Play	A project associated with a prospective trend of potential prospects, but that requires more data acquisition and/or evaluation to define specific Leads or Prospects.	Project activities are focused on acquiring additional data and/or undertaking further evaluation designed to define specific Leads or Prospects for more detailed analysis of their chance of geologic discovery and, assuming discovery, the range of potential recovery under hypothetical development scenarios.

Table 2 – Reserves Status Definitions and Guidelines

Status	Definition	Guidelines
Developed Reserves	Expected quantities to be recovered from existing wells and facilities.	Reserves are considered developed only after the necessary equipment has been installed, or when the costs to do so are relatively minor compared to the cost of a well. Where required facilities become unavailable, it may be necessary to reclassify Developed Reserves as Undeveloped. Developed Reserves may be further sub-classified as Producing or Non-producing.
Developed Producing Reserves	Expected quantities to be recovered from completion intervals that are open and producing at the effective date of the estimate.	Improved recovery Reserves are considered producing only after the improved recovery project is in operation.
Developed Non-Producing Reserves	Shut-in and behind-pipe Reserves.	Shut-in Reserves are expected to be recovered from (1) completion intervals that are open at the time of the estimate but which have not yet started producing, (2) wells which were shut-in for market conditions or pipeline connections, or (3) wells not capable of production for mechanical reasons. Behind-pipe Reserves are expected to be recovered from zones in existing wells that will require additional completion work or future re-completion before start of production with minor cost to access these reserves.  In all cases, production can be initiated or restored with relatively low expenditure compared to the cost of drilling a new well.
Undeveloped Reserves	Quantities expected to be recovered through future significant investments.	Undeveloped Reserves are to be produced (1) from new wells on undrilled acreage in known accumulations, (2) from deepening existing wells to a different (but known) reservoir, (3) from infill wells that will increase recovery, or (4) where a relatively large expenditure (e.g., when compared to the cost of drilling a new well) is required to (a) recomplete an existing well or (b) install production or transportation facilities for primary or improved recovery projects.

Table 3 – Reserves Category Definitions and Guidelines

Category	Definition	Guidelines
Proved Reserves  Those quant petroleum the geoscience and data, can be reasonable of commercially from a given from known under define conditions, of	Those quantities of petroleum that, by analysis of geoscience and engineering data, can be estimated with reasonable certainty to be commercially recoverable from a given date forward from known reservoirs and under defined economic conditions, operating methods, and government regulations.	If deterministic methods are used, the term "reasonable certainty" is intended to express a high degree of confidence that the quantities will be recovered. If probabilistic methods are used, there should be at least a 90% probability (P90) that the quantities actually recovered will equal or exceed the estimate.  The area of the reservoir considered as Proved includes (1) the area delineated by drilling and defined by fluid contacts, if any, and (2) adjacent undrilled portions of the reservoir that can reasonably be judged as continuous with it and commercially productive on the basis of available geoscience and engineering data.  In the absence of data on fluid contacts, Proved quantities in a reservoir are limited by the LKH as seen in a well penetration unless otherwise indicated by definitive geoscience, engineering, or performance data. Such definitive information
		may include pressure gradient analysis and seismic indicators.  Seismic data alone may not be sufficient to define fluid contacts for Proved reserves.  Reserves in undeveloped locations may be classified as Proved provided that:
		A. The locations are in undrilled areas of the reservoir that can be judged with reasonable certainty to be commercially mature and economically productive.
		B. Interpretations of available geoscience and engineering data indicate with reasonable certainty that the objective formation is laterally continuous with drilled Proved locations.
		For Proved Reserves, the recovery efficiency applied to these reservoirs should be defined based on a range of possibilities supported by analogs and sound engineering judgment considering the characteristics of the Proved area and the applied development program.

Category	Definition	Guidelines
Probable Reserves	Those additional Reserves that analysis of geoscience and engineering data indicates are less likely to be recovered than Proved Reserves but more certain to be recovered than Possible Reserves.	It is equally likely that actual remaining quantities recovered will be greater than or less than the sum of the estimated Proved plus Probable Reserves (2P). In this context, when probabilistic methods are used, there should be at least a 50% probability that the actual quantities recovered will equal or exceed the 2P estimate.  Probable Reserves may be assigned to areas of a reservoir adjacent to Proved where data control or interpretations of available data are less certain. The interpreted reservoir continuity may not meet the reasonable certainty criteria.  Probable estimates also include incremental recoveries associated with project recovery efficiencies beyond that
Possible Reserves	Those additional reserves that analysis of geoscience and engineering data indicates are less likely to be recoverable than Probable Reserves.	assumed for Proved.  The total quantities ultimately recovered from the project have a low probability to exceed the sum of Proved plus Probable plus Possible (3P), which is equivalent to the high-estimate scenario. When probabilistic methods are used, there should be at least a 10% probability (P10) that the actual quantities recovered will equal or exceed the 3P estimate.  Possible Reserves may be assigned to areas of a reservoir adjacent to Probable where data control and interpretations of available data are progressively less certain. Frequently, this may be in areas where geoscience and engineering data are unable to clearly define the area and vertical reservoir limits of economic production from the reservoir by a defined, commercially mature project.  Possible estimates also include incremental quantities associated with project recovery efficiencies beyond that assumed for Probable.

Category	Definition	Guidelines
Probable and Possible Reserves	See above for separate criteria for Probable Reserves and Possible Reserves.	The 2P and 3P estimates may be based on reasonable alternative technical interpretations within the reservoir and/or subject project that are clearly documented, including comparisons to results in successful similar projects.
		In conventional accumulations, Probable and/or Possible Reserves may be assigned where geoscience and engineering data identify directly adjacent portions of a reservoir within the same accumulation that may be separated from Proved areas by minor faulting or other geological discontinuities and have not been penetrated by a wellbore but are interpreted to be in communication with the known (Proved) reservoir. Probable or Possible Reserves may be assigned to areas that are structurally higher than the Proved area. Possible (and in some cases, Probable) Reserves may be assigned to areas that are structurally lower than the adjacent Proved or 2P area.  Caution should be exercised in assigning Reserves to adjacent
		reservoirs isolated by major, potentially sealing faults until this reservoir is penetrated and evaluated as commercially mature and economically productive. Justification for assigning Reserves in such cases should be clearly documented. Reserves should not be assigned to areas that are clearly separated from a known accumulation by non-productive reservoir (i.e., absence of reservoir, structurally low reservoir, or negative test results); such areas may contain Prospective Resources.
		In conventional accumulations, where drilling has defined a highest known oil elevation and there exists the potential for an associated gas cap, Proved Reserves of oil should only be assigned in the structurally higher portions of the reservoir if there is reasonable certainty that such portions are initially above bubble point pressure based on documented engineering analyses. Reservoir portions that do not meet this certainty may be assigned as Probable and Possible oil and/or gas based on reservoir fluid properties and pressure gradient interpretations.

#### EXHIBIT 3

## BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS. MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, ROBERT "BOB" FULWILER, MCTAN HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT, TO CONSIDER THE ALLOCATION OF PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT CONSISTING OF SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2, TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

CONTINENTAL RESOURCES, INC.'S
RESPONSES TO PETITIONERS'
INTERROGATORIES AND
REQUESTS FOR PRODUCTION OF
DOCUMENTS

Continental Resources, Inc. ("Continental") responds to Petitioners' Interrogatories and Requests for Production of Documents to Continental Resources, Inc. (the "Discovery Requests") as follows:

#### **INTERROGATORIES**

1. Identify by name and address all persons contributing information or assisting in answering these Discovery Requests.

**RESPONSE:** Objection: This interrogatory seeks information that is protected from discovery by the attorney work product doctrine and also is overbroad as to "all persons." Without waiving the objection, the following individuals assisted in preparing responses to these discovery requests: David Bengtson, Jenn Kaiser, Rob Forward, TeJay Botchlet, Sarah Hale, and Mark Oekerman.

- 2. Identify all fact witnesses, including their address and employer, that you intend to call at the hearing set in this matter, currently scheduled for June 5, 2024.
  - a. For each fact witness, identify the subject matter of their expected testimony as related to Petitioners' claim, or Continental's defenses to Petitioners' claim; and
  - b. Identify any exhibits, reports, or other demonstrative materials you will be offering, and/or relying upon, during their testimony.

RESPONSE: Objection: This interrogatory seeks information that is protected from discovery by the attorney work product doctrine. Moreover, Continental is not required to provide information during discovery about any non-expert witnesses. "Ordinarily...discovery is not the stage of litigation at which a party identifies its prospective witnesses." Brock v. R.J. Auto Parts and Service, Inc., 864 F.2d 677, 679 (10th Cir. 1988); see Brennan v. Engineered Products, Inc., 506 F.2d 299, 303 n. 2 (8th Cir. 1974); Wirtz v. Continental Finance & Loan Co., 326 F.2d 561, 564 (5th Cir. 1964). If witnesses are to be identified prior to hearing, a pretrial conference is the appropriate time to address this issue. See id. at 679; 304; 564. In this case, the Commission has not entered a pre-hearing scheduling order requiring the parties to identify their witnesses prior to the hearing.

- 3. Identify by name, address, employer, and field of expertise, each and every person whom you expect to call as an expert witness at the June 5, 2024 hearing set in this matter, and:
  - a. state the subject matter upon which each such expert is expected to testify;
  - b. the substance of the facts and opinions to which each such expert is expected to testify;
  - c. a summary of the grounds for each such expert's opinion;

- d. a complete resume of each such expert's educational and employment background, together with a list of any articles or published works which such expert has authored; and
- e. and whether or not said expert has prepared a written report.

**RESPONSE:** Continental may call the following witnesses to testify at the hearing in this case and who may offer expert testimony:

TeJay Botchlet; Land Supervisor, Bakken North; Continental Resources, Inc.; Petroleum Land and Regulatory. Mr. Botchlet may offer expert testimony at the hearing regarding the following subjects: the history of the spacing, pooling and development of the Oakdale Field and the Oakdale-Bakken Pool, including the spacing and pooling cases that have been involved in that development; the Applicants inaction and delay in seeking the relief sought in their Application; the interpretation and application of applicable the pooling and spacing orders; the impact and effects of the relief requested by Applicants in this case, including the relief not requested by Applicants; and how operators other than Continental allocate or do not allocate production from lease line wells in overlapping spacing units. Mr. Botchlet has not prepared a written expert report.

Sarah Hale; Resource Development Manager – Williston Basin; Continental Resources, Inc., Petroleum Reservoir Engineering. Ms. Hale may offer expert testimony at the hearing regarding the following subjects: the development of the Overlapping Spacing Unit, the Underlying Spacing Unit and the other spacing units in the Oakdale Field; the

production from and performance of the wells in the Overlapping Spacing Unit, the Underlying Spacing Unit and the Oakdale Field; the absence of any impact on the wells in the Underlying Spacing Unit from the wells in the Overlapping Spacing Unit; and that the allocation of production from the section-line wells to the land within the Overlapping Spacing Unit, and not to the Underlying Spacing Unit, is a fair and equitable allocation of production from those wells. Ms. Hale has not prepared a written expert report.

Mark Oekerman; Director, Exploration & Subsurface Performance; Continental Resources, Inc., Petroleum Geology. Mr. Oekerman may offer expert testimony at the hearing regarding his understanding and interpretation of the subsurface geology and structures in the Oakdale Field and the impact and effect on the production from the wells drilled in and producing from that field.

The exact nature and scope of the testimony of those witnesses at the hearing has not been finalized and Continental reserves the right for each of those witnesses to testify as to such other and further matters within their respective areas of expertise and relevant to allegations in the Application. Continental further reserves the right for those witnesses, or other witnesses, to testify as to any and all other matters in response to evidence introduced by Applicants at the hearing.

4. Identify and describe any and all facts, documents, or communications supporting your claim that production from the Overlapping Spacing Unit does not interfere with or impact

production from the Underlying Spacing Unit.

**RESPONSE:** At this time, Continental believes that the following facts support the

conclusion that production from lease-line wells in the Overlapping Spacing Unit has not

interfered with or impacted production from the wells in the Underlying Spacing Unit:

the timing of drilling wells in the Overlapping Spacing Unit and in the Underlying Spacing

Unit, the producing formations in those wells, the distance between wells, and the

volumes of oil and gas produced from those wells over time. Continental reserves the

right to rely on other and additional facts to support that conclusion at the hearing in this

matter.

5. Identify and describe any and all facts, documents, or communications supporting your claim that production from the section line wells at issue, the Carson Peak 4-35HSL well (NDIC #35272) and Whitman FIU 13-34HSL1 well (NDIC #38533), do not interfere with or impact production from the other wells in the Underlying Spacing Unit.

RESPONSE:

See Continental's response to Interrogatory No. 4, above.

#### REQUESTS FOR PRODUCTION OF DOCUMENTS

1. Any and all documents identified in your Answers to Interrogatories, which constitute or contain matters within the scope of Rule 34 and which are in your possession, custody, or control.

**RESPONSE:** No documents were specifically referred to and identified in Continental's answers to Interrogatory Nos. 3, 4 & 5, above.

2. Any and all exhibits, materials, or documents that you intend to offer as evidence, or otherwise offer for the Commission's consideration, at the June 5, 2024, hearing.

**RESPONSE:** Objection: This requests seeks information that is protected from

discovery by the attorney work product doctrine. In addition, the request is

premature because Continental has not yet finalized the exhibits, materials or

documents that it intends to offer as evidence at the hearing in this matter.

3. Any and all documents identified in your response to Interrogatory No. 2.

**RESPONSE:** None

4. Any and all documents identified in your response to Interrogatory No. 3.

**RESPONSE:** None

5. Any and all reports prepared by an expert witness that you intend to offer as evidence, or otherwise offer for the Commission's consideration, at the June 5, 2024 hearing.

**RESPONSE:** None

6. Any documents identified in your response to Interrogatory No. 4.

**RESPONSE:** No documents were identified in Continental's response.

7. Any documents identified in your response to Interrogatory No .5.

**RESPONSE:** No documents were identified in Continental's response.

Dated this 29th day of May, 2024.

/s/ David E. Bengtson

David E. Bengtson (#08486)

STINSON LLP

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Robin Wade Forward (#05324) **STINSON LLP** 424 South Third Street, Suite 206 Bismarck, ND 58504 rob.forward@stinson.com Telephone 701.221.8603

ATTORNEYS FOR CONTINENTAL RESOURCES, INC.

#### **CERTIFICATE OF SERVICE**

The undersigned certifies that a true and correct copy of the foregoing Continental Resources, Inc.'s Responses to Petitioners' First Set of Interrogatories and Requests for Production of Documents was served via electronic mail, in the above-captioned matter on this 29th day of May, 2024 as follows:

Joshua A. Swanson Vogel Law Firm 218 NP Avenue P.O. Box 1389 Fargo, ND 58107-1389 jswanson@vogellaw.com Attorney for Applicants

/s/ David E. Bengtson
David E. Bengtson

#### RE: NDIC Case No. 30604

**EXHIBIT 4** 

Joshua A. Swanson < jswanson@vogellaw.com>

Thu 5/30/2024 10:29 AM

To:Bengtson, David <david.bengtson@stinson.com>;rob.forward@stinson.com <Rob.Forward@stinson.com> Cc:Tracy A. Ottum <tottum@vogellaw.com>

David,

Good morning. I'm hopeful we can avoid a motion with respect to Continental's deficient discovery responses, but, as it stands, Continental's responses are deficient in several respects and do not comply with the North Dakota Rules of Civil Procedure. Pursuant to N.D.C.C. 28-32-33(1), "In an adjudicative proceeding, discovery may be obtained in accordance with the North Dakota Rules of Civil Procedure." The cases cited by Continental are wholly inapplicable to these proceedings. Not a single case involves North Dakota law or our Rules of Procedure. N.D.R.Civ.P. 26(a) is crystal clear. Andress Sandefer "may obtain discovery regarding any nonprivileged matter that is relevant to any party's claims or defense, including ... the identify and location of persons who know of any discoverable matter." The identify of fact witnesses that Continental intends to call next week is within the scope of Rule 26, as those witnesses, presumably, would offer testimony relevant to Continental's claims and defenses.

With respect to Interrogatory No. 2, Continental refuses to identify any fact witnesses that it may call. The identity of fact witnesses, and the subject of their testimony, is not work product. As Mr. Forward is certainly aware, it is standard practice in North Dakota, with respect to written interrogatories, to request an opposing party to identify their fact witnesses and the nature of their testimony. Rule 26(e)(2) states that a party has a duty to supplement responses with the identify and location of persons having knowledge of discoverable matters. There is nothing in North Dakota's Rules of Civil Procedure that state a pretrial conference is the appropriate time to address this issue. In Kjonass v. Kjonass, 1999 ND 50, 590 NW2d 440, our Supreme Court explained that the purpose of Rule 26(e) is to eliminate surprise and allow the opposing party a fair opportunity to meet the evidence at trial. As our Court has repeatedly stated, discovery games and trial by ambush are not acceptable. "The use of trial by ambush is not an acceptable trial technique." Tormaschy v. Tormaschy, 1997 ND 2, ¶ 13, 559 N.W.2d 813. See also Martin v. Trinity Hosp., 2008 ND 176, ¶ 10, 755 N.W.2d 900 (stating, "Trial by ambush will not be condoned.") By failing to disclose its witnesses, and subject matter of their expected testimony, Continental is violating Rules 26 and 33. If Continental seeks to offer testimony from any fact witness at the hearing that it did not disclose in its discovery responses, which it would certainly have known about when responding to Andress Sandefer's written discovery requests, Andress Sandefer will object to the same and seek to exclude their testimony in full, including having a brief prepared for the Commission's consideration at the hearing.

Similarly, Continental's response to Interrogatory No. 3 regarding its expert disclosures is deficient. "Parties must fully, completely, and fairly disclose the subject matter on which their expert witnesses will testify at trial and the <u>substance of their expert witnesses' testimony.</u>" *Wolf,* 1997 ND 240, ¶ 17, 573 N.W.2d 161 (citing N.D.R.Civ.P. 26(e)(1)(B)) (emphasis added). The purpose of this disclosure requirement is to allow the opposing party a fair opportunity to meet the evidence and eliminate surprise at trial." <u>Perius v. Nodak Mut. Ins. Co.</u>, 2012 ND 54, ¶¶ 9 and 10, 813 N.W.2d 580. A party must also provide "a summary of the grounds for each [expert] opinion." <u>Troubadour Oil & Gas, LLC v. Rustad</u>, 2022 ND 191, ¶ 12, 981 N.W.2d 918. Rule 26 also requires "the substance of the facts and opinions to which the expert is expected to testify." Rule 26(b)(4)(A)(i).

about:blank 1/3

Continental does not provide any summary or grounds for any of its proffered expert's opinions, nor does Continental provide the substance of the facts and the opinions to which each of its experts is expected to testify. Continental simply lists, in a broad and summary fashion, a cornucopia of vaguely described subject matter on which its experts may testify. Further, Continental offers experts on areas that are not germane as to expert testimony. For example, Continental lists TeJay Botchlet to testify as an expert on areas, including, "the Applicants inaction and delay in seeking the relief sought in their Application." In addition to objecting to the foundation and qualifications as to any proffered fact testimony from this witness, any alleged inaction and delay is likely not a subject for expert testimony. Finally, Andress Sandefer will object to the qualifications of all the experts listed by Continental as its discovery responses did not answer or remotely address Interrogatory No. 3(d), which asks for a copy of any experts resume, educational and employment background, and other background information that would establish the qualifications of these witnesses as an expert.

The fact all the questions in Andress Sandefer's Interrogatory No. 3(a) - (d) must be answered is further supported by the fact Continental's written requests to Andress Sandefer ask for identical information at Interrogatory No. 2, which Andress Sandefer will be serving later today, including a full expert report and resume of its expert witness. It is manifestly unjust for Continental to request the same information that Andress Sandefer did, with respect to expert witnesses, for Andress Sandefer to provide a full report that addresses all the areas required by Rule 26(b)(4)(A)(i), and for Continental to fail to provide the substances of the facts and opinions to which each of its experts is expected to testify under Rule 26, and a summary of the grounds for each opinion.

It is my expectation that Continental will supplement its discovery responses before 5:00p tomorrow, Friday May 31, to bring them into compliance with Rules 26 and 33. If Continental fails to do so, Andress Sandefer will seek the exclusion of Continental's experts and fact witnesses at next week's hearing. Andress Sandefer will also object by any attempt by Continental to offer any reports or exhibits through experts that were not disclosed in discovery.

I am available for a phone call to discuss between now and tomorrow.



Joshua A. Swanson I Attorney
T: 701.237.6983 | F: 701.356.6395
vogellaw.com | jswanson@vogellaw.com

**From:** Bengtson, David <david.bengtson@stinson.com>

**Sent:** Wednesday, May 29, 2024 4:45 PM

**To:** Joshua A. Swanson <jswanson@vogellaw.com> **Cc:** Forward, Robin Wade <Rob.Forward@stinson.com>

Subject: NDIC Case No. 30604

Josh,

Attached are Continental's responses to the written discovery served by Applicants in Case No. 30604.

David

David E. Bengtson

Partner

about:blank 2/3

#### STINSON LLP

1625 N. Waterfront Parkway, Suite 300

Wichita, KS 67206-6620

Direct: 316.268.7943 \ Mobile: 316.253.7680 \ Bio

Assistant: WIC.LSSTeam@stinson.com \ 316.268.7987

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about:blank 3/3

From: Garner, David P.

To: Derrick Braaten; Bengtson, David; Forward, Robin Wade; Joshua A. Swanson
Cc: Forsberg, Sara L.; Knutson, Amy N.; Helms, Lynn D.; Sagsveen, Matthew A.
Subject: NDIC Case No. 30604 / Motions to Intervene and Request for Continuance

**Date:** Monday, June 3, 2024 2:57:43 PM

Dear Counsel – I will be the hearing examiner for this case on Wednesday, June 5<sup>th</sup>. The Commission has discussed the motions and prior to the hearing will be issuing orders granting the motions to intervene and denying the motion for continuance.

#### David P. Garner

Assistant Attorney General ND Office of the Attorney General Division of Natural Resources and Native American Affairs 500 N 9th Street Bismarck, ND 58501-4509 (701) 328-3640 From: <u>Danso, Bridget Y.</u>
To: <u>Forsberg, Sara L.</u>

**Subject:** FW: NDIC Case 30604 letter of opposition **Date:** Tuesday, June 4, 2024 8:07:29 AM

From: Leah Lavelle <leah.lavelle@gmail.com>

Sent: Monday, June 3, 2024 6:07 PM

To: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>

**Subject:** NDIC Case 30604 letter of opposition

You don't often get email from <a href="mailto:leah.lavelle@gmail.com">leah.lavelle@gmail.com</a>. <a href="mailto:Learn why this is important">Learn why this is important</a>

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Hello,

Submitting a letter, thank you.

Best, Leah

May 22, 2024

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

Re: NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

Director Helms.

Please be advised the undersigned was recently notified of the Application filed in NDIC Case No. 30604 and the relief being sought by the Applicants. I own an oil and gas interest in Section 35. Township 147 North, Range 96 West, and/or Section 2, Township 146 North, Range 96 West. Based on that ownership, I have received my proportionate share of production revenue from the Carson Peak 4-35HSL and/or the Whitman FIU 13-34 HSL1 (the "Section Line Wells") for several years. I understand if the relief requested by the Applicants is granted, I will be required to pay back part of that revenue and will receive less revenue going forward from these Wells.

I am writing to express my opposition to the relief sought in the Application and to object that the Applicants did not notify me that my rights could be impacted by the proceeding. I do not believe there is any basis to deny me my lawful share of production revenue from the Wells based on my oil and gas interest in the spacing unit for those Wells.

Please accept this letter as my official opposition of the relief sought by the Applicants in Case No. 30604, Applicant's failure to notify me of that proceeding so that I may participate therein.

Should you have any questions, please do not hesitate to contact the undersigned.

Regards,

LEAH LAVELLE

Name/Entity Printed

From: <u>Danso, Bridget Y.</u>

To: Helms, Lynn D.; Forsberg, Sara L.

Subject: FW: NDIC Case 30604 - ATTN: LD Helms

Date: Monday, June 3, 2024 4:30:04 PM

Attachments: NDIC Case 30604 Knight B.pdf

From: Bruce Knight <geezerdad22@gmail.com>

Sent: Monday, June 3, 2024 3:55 PM

To: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>

Subject: NDIC Case 30604 - ATTN: LD Helms

[You don't often get email from <u>geezerdad22@gmail.com</u>. Learn why this is important at <u>https://aka.ms/LearnAboutSenderIdentification</u>]

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Please forward the attached Cade Support Letter to Director L. D. Helms ASAP.
Thank you,
Bruce Knight
(360) 631-8323

Sent from my iPhone

May 22, 2024

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

Re: NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

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Please accept this letter as my official opposition of the relief sought by the Applicants in Case No. 30604, Applicant's failure to notify me of that proceeding so that I may participate therein.

Should you have any questions, please do not hesitate to contact the undersigned.

Regards,

Name/Entity Printed





May 22, 2024

ARKANSAS MINERALS INC 314 E OAK ST, EL DORADO, AR 71730

Re: Production Revenue Allocation from Carson 4-35HSL and Whitman FIU 13-34HSL1 Wells at Risk

Dear Interest Owner,

Our records indicate you currently receive production revenue from the Carson 4-35HSL (NDIC #35272) and/or the Whitman FIU 13-34HSL1 (NDIC #38533) located in Dunn County, North Dakota and operated by Continental Resources, Inc. (collectively, the "Section Line Wells"). This letter is to advise you that a third-party is challenging the current allocation of production revenue from the Wells.

Your production revenue will be adversely affected if the third-party challenge is successful. You may be responsible for repayment of production revenue previously paid to you. Please read for more information about the challenge and steps you should take to protect your interest.

#### Details of Challenge

On August 17, 2023, parties who collectively refer to themselves as "Andress Sandefer" submitted an application to the North Dakota Industrial Commission ("NDIC") seeking an order to reallocate production revenue from the Section Line Wells (the "Application"). Specifically, the Andress Sandefer parties believe production revenue proceeds from the Section Line Wells should be paid to interest owners in tracts **outside of the Section Line Wells' designated spacing unit boundaries**. A copy of the application can be sent to you, should you wish to review.

NDIC Spacing Order No. 30640 established a 2,560 acre drilling and spacing unit comprised of four sections: Sections 34 and 35, Township 147N-Range 97W, and Sections 2 and 3, Township 146N-Range 96W, and (the "Overlapping Spacing Unit"). The Section Line Wells were drilled within the Overlapping Spacing Unit, and you currently receive production revenue from those wells.

NDIC Spacing Order No. 14604 had previously established a 2,560 acre drilling and spacing unit comprised of four sections: Section 23, 26, and 35 Township 147N-Range 96W, and Section 2, Township 146N-Range96W (the "Underlying Spacing Unit"). The Andress Sandefer parties allege ownership interests in Section 23 and 26 and argue, even though their interests lie

outside the Overlapping Spacing Unit, they are entitled to production revenue from the Wells because such interests overlap the Underlapping Unit.

Continental allocates production revenue from the Wells only to the interests located within the boundaries of the Overlapping Spacing Unit. If the Andress Sandefer parties' challenge is successful, your production revenue interest will be significantly diluted. The Application does not specify a formula for such a reallocation, though it is likely to result in a 50% reduction of your production revenue from the Wells. Additionally, you may be responsible for paying a portion of the production revenue previously paid to you to the Andress Sandefer parties.

## How to Protect Your Production Revenue Allocation

A hearing on the Application will take place before the NDIC at 1000 East Calgary Avenue, Bismarck North Dakota on Wednesday, June 5, 2024. As a party whose interest is at stake, you may attend and participate in the hearing. Continental will present argument at the hearing to protect current production revenue allocation and encourages you to participate as well.

If you are unable to participate, however, Continental respectfully requests that you submit a letter supporting Continental's current production revenue allocation methodology. A form letter of support for your signature is included herein, as well as an addressed and stamped envelope, for your convenience.

Please contact me if you have questions regarding the Application and its impact on your oil and gas interests.

ennil

Sincerety.

Jenn Kaise

Lead Counsel, Williston Basin

May 22, 2024

JUN - 3 2024

MARAL RESOURCES

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

Re: NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

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Please accept this letter as my official opposition of the relief sought by the Applicants in Case No. 30604, Applicant's failure to notify me of that proceeding so that I may participate therein.

Should you have any questions, please do not hesitate to contact the undersigned.

Regards,

Name/Entity Printed

SectTreasurer
Ada Minerals Fac

From: Sagsveen, Matthew A.

To: Joshua A. Swanson; "Desirae Zaste"; -Info-Oil & Gas Division; Forsberg, Sara L.; Helm, Kerrie L.; david.bengston@stinson.com;

rob.forward@stinson.com

Cc: <u>Derrick Braaten</u>

Subject: RE: NDIC Case No. 30604 / Objection to Motions to Intervene and Request for Continuance

**Date:** Monday, June 3, 2024 11:15:20 AM

Mr. Swanson,

We will checking with DMR regarding your inquiry.

Matt Sagsveen

Matthew Sagsveen
Director of Natural Resources and Native American Affairs Division
North Dakota Office of Attorney General
500 N. 9th Street
Bismarck, ND 58501-4509

(701) 328-3640

From: Joshua A. Swanson < jswanson@vogellaw.com>

**Sent:** Monday, June 3, 2024 11:13 AM

**To:** 'Desirae Zaste' <desirae@braatenlawfirm.com>; -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Forsberg, Sara L. <slforsberg@nd.gov>; Sagsveen, Matthew A. <masagsve@nd.gov>; Helm, Kerrie L. <khelm@nd.gov>; david.bengston@stinson.com; rob.forward@stinson.com

Cc: Derrick Braaten <derrick@braatenlawfirm.com>

Subject: RE: NDIC Case No. 30604 / Objection to Motions to Intervene and Request for Continuance

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Dear Commission,

Good morning. If Andress Sandefer consented to the request for a continuance – or the Commission was inclined to grant the petitions to intervene and continue this matter even over Andress Sandefer's objection to a continuance – are there any hearing dates available in July or August for this evidentiary hearing.

I've spoken with Attorney Braaten via email this morning about any discovery his clients would need should the Commission grant his motions to intervene and to continue. If I'm misstating your position, Derrick, please correct me. My understanding is that the proposed intervenors that Derrick represents do not see the need for a lot of discovery (potentially some Rule 30(b) depositions). It sounds like a July or August hearing date would work for Derrick's clients, and if the Commission is inclined to grant the motions to intervene and continue this, then Andress Sandefer would likewise desire a hearing in July or August (if that date worked for everyone).

Having said that, Andress Sandefer objects to any continuance and the motions to intervene. The Andress Sandefer group and its expert witness are scheduled to fly to Bismarck tomorrow morning, June 4. Given the fact we're set for a hearing on Wednesday (and my clients are scheduled to fly here tomorrow), if the Commission's plans to grant the motions to intervene and continue this, I'd respectfully ask that the Commission consider this e-mail Petitioners', Andress Sandefer et al., Response to the proposed intervenor's motions which were just filed this morning. Given the tight timeline here, and the travel windows my clients are on, respectfully, I'd prefer if at all possible to let my clients know today if this matter is being continued and the proposed intervenor's motions are being granted versus them traveling to North Dakota tomorrow morning only to learn the hearing was continued and the motions to intervene granted.

I'll note that the issue of additional parties being necessary to this case was previously raised by Continental in its motion to dismiss, and addressed in Andress Sandefer's Response Brief filed on December 29, 2023. Andress Sandefer argued that:

[¶55] Similarly, the Supreme Court failed to adopt Continental's argument that every single owner in overlapping and underlying units needed to be added before the Court could proceed with answering whether production from lease-line wells in overlapping units must be allocated across underlying units. See Continental Amicus at ¶¶ 13 – 14. The Supreme Court proceeded in Dominek with answering the first certified question over Continental's objection, and sent the remaining four questions back for determination to the District Court. The District Court then held the Commission had jurisdiction over the questions. What's more, there's nothing in Chapter 38-08, or N.D.C.C. § 38-08-11(4), that requires or even implies that Andress Sandefer must add every owner in and outside the Oakdale Field who has interests in an overlapping or underlying spacing unit with a lease-line well. The statute – N.D.C.C. § 38-08-11(4) – allows Andress Sandefer, as an interested party, to bring their Application to the Commission for determination as an absolute right. 10

[¶56] If the Commission, however, believes every single owner in overlapping and underlying spacing units where there are lease-line wells needs to be added, then the remedy is not dismissal with prejudice, but for the Commission to grant Andress Sandefer leave to add all of those parties to this matter, and to order that Continental provide the contact information for every such owner in their lease-line wells so those parties can be added. Fortunately, there is nothing in Chapter 38 – 08 that requires every similarly situated owner be added before proceeding with the hearing on Andress Sandefer's Application and the Commission deciding it on the merits.

FN10 stated: It's also quite rich for Continental to suddenly feign concern that all the potentially impacted owners in overlapping and underlying spacing units where there are lease-line wells be added to this matter when Continental did not provide actual notice to Andress Sandefer, or any other similarly situated owners in the Underlying Spacing Unit, when it decided not to allocate any production from Carson Peak 4 and Whitman FIU 13 Wells in the Overlapping Spacing Unit across the Underlying Spacing Unit.

After the February hearing, when setting the evidentiary hearing for this Wednesday, the Commission did not require that Andress Sandefer join every other potentially impacted owner as Continental

requested.

In sum, Andress Sandefer objects to the proposed intervenor's motions and any continuance as this matter has been pending since last fall and the Andress Sandefer group have made travel plans to be in Bismarck starting tomorrow. What's more, the Commission did not require, when setting the evidentiary hearing for this Wednesday, that Andress Sandefer add any additional parties.

Andress Sandefer will, of course, abide by and respect any decision by the Commission as to whether to continue this – but respectfully asks the Commission, given the time and travel issues involved, to let the parties know today, if that's possible, whether the motions will be granted and the hearing continued so Andress Sandefer does not end up flying to Bismarck for a hearing that will be continued to a later date.

Thank you.

Joshua A. Swanson | Attorney
T: 701.237.6983 | F: 701.356.6395
vogellaw.com | jswanson@vogellaw.com

From: Desirae Zaste < desirae@braatenlawfirm.com >

**Sent:** Monday, June 3, 2024 9:11 AM

To: oilandgasinfo@nd.gov; Forsberg, Sara L. <slforsberg@nd.gov>; masagsve@nd.gov; khelm@nd.gov; Joshua

A. Swanson <jswanson@vogellaw.com>; david.bengston@stinson.com; rob.forward@stinson.com

Cc: Derrick Braaten < derrick@braatenlawfirm.com >

**Subject:** NDIC Case No. 30604

Good morning,

Attached for filing and service are the following documents:

- Petition to Intervene for Rodney Rychner;
- Petition to Intervene for Sheila Murphy;
- Petition to Intervene for Shirley and Dean Meyer;
- Motion to Continue Hearing;
- Brief in Support of Motion to Continue Hearing;
- Declaration of Derrick Braaten in Support of Motion to Continue Hearing; and
- Declaration of Service.

Thank you.

#### Desirae Zaste¦ Certified Paralegal



BRAATEN LAW FIRM 109 N. 4th Street, Suite 100 Bismarck, ND 58501 Phone: 701-221-2911 Fax: 701-221-5842

www.braatenlawfirm.com

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From: Danso, Bridget Y.
To: Forsberg, Sara L.

**Subject:** FW: NDIC Case # 30604 Notification Received - Sean Lavelle

**Date:** Monday, June 3, 2024 9:23:12 AM **Attachments:** form-letter Sean-Lavelle.pdf

From: Sean Lavelle <sean.a.lavelle@gmail.com>

**Sent:** Saturday, June 1, 2024 2:58 AM

To: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>

**Subject:** NDIC Case # 30604 Notification Received - Sean Lavelle

You don't often get email from <a href="mailto:sean.a.lavelle@gmail.com">sean.a.lavelle@gmail.com</a>. Learn why this is important

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Attached is the form letter relevant to the case, signed by me on this date. The paper form is also in the mail, for redundancy's sake. Regards,

~Sean Lavelle

May 22, 2024

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

Re: NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

Director Helms.

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Should you have any questions, please do not hesitate to contact the undersigned.

Regards,

Name/Entity Printed

EAN A. LAVELLE

From: Danso, Bridget Y.
To: Forsberg, Sara L.

 Subject:
 FW: NDIC Case No. 30604

 Date:
 Monday, June 3, 2024 9:59:53 AM

Attachments: NDIC Support Letter (Final)- Murphy Living Trust.pdf

NDIC Support Letter (Final) - James and Susan Mischel.pdf

From: Megan Ryan <megan@kalillawfirm.com>

**Sent:** Monday, June 3, 2024 9:41 AM

To: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Sagsveen, Matthew A. <masagsve@nd.gov>

Cc: Thomas Kalil <tom@kalillawfirm.com>

Subject: NDIC Case No. 30604

Some people who received this message don't often get email from <a href="megan@kalillawfirm.com">megan@kalillawfirm.com</a>. <a href="megan@kalillawfirm.com">Learn why this is important</a>

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Good morning,

Please see the attached letters. Should you have any questions please let me know.

Thank you,

Megan Ryan Legal Assistant

#### KALIL LAW FIRM, PLLC

1802 13<sup>th</sup> Ave W (FedEx and UPS)

P.O. Box 2355 (USPS)

Williston, ND 58802 Tel: (701) 572-0395

Toll Free: 888-220-1193
Fax: (701) 205-4930
megan@kalillawfirm.com
www.kalillawfirm.com

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May 31, 2024

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

Re: NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

Director Helms,

Please be advised the undersigned was recently notified of the Application filed in NDIC Case No. 30604 and the relief being sought by the Applicants. I own an oil and gas interest in Section 35, Township 147 North, Range 96 West, and/or Section 2, Township 146 North, Range 96 West. Based on that ownership, I have received my proportionate share of production revenue from the Carson Peak 4-35HSL and/or the Whitman FIU 13-34 HSL1 (the "Section Line Wells") for several years. I understand if the relief requested by the Applicants is granted, I may be required to pay back part of that revenue and will receive less revenue going forward from these Wells.

I am writing to express my opposition to the relief sought in the Application and to object that the Applicants did not notify me that my rights could be impacted by the proceeding. I do not believe there is any basis to deny me my lawful share of production revenue from the Wells based on my oil and gas interest in the spacing unit for those Wells.

Please accept this letter as my official opposition of the relief sought by the Applicants in Case No. 30604, Applicant's failure to notify me of that proceeding so that I may participate therein.

Should you have any questions, please do not hesitate to contact the undersigned.

Regards,

Christopher E. Murphy, Trustee

Christophu E. Musphy

Murphy Living Trust

Murphy Living Trust

Margaret L. Murphy, Trustee

Murphy Living Trust

May 31, 2024

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

Re: NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

Director Helms,

Please be advised the undersigned was recently notified of the Application filed in NDIC Case No. 30604 and the relief being sought by the Applicants. I own an oil and gas interest in Section 35, Township 147 North, Range 96 West, and/or Section 2, Township 146 North, Range 96 West. Based on that ownership, I have received my proportionate share of production revenue from the Carson Peak 4-35HSL and/or the Whitman FIU 13-34 HSL1 (the "Section Line Wells") for several years. I understand if the relief requested by the Applicants is granted, I may be required to pay back part of that revenue and will receive less revenue going forward from these Wells.

I am writing to express my opposition to the relief sought in the Application and to object that the Applicants did not notify me that my rights could be impacted by the proceeding. I do not believe there is any basis to deny me my lawful share of production revenue from the Wells based on my oil and gas interest in the spacing unit for those Wells.

Please accept this letter as my official opposition of the relief sought by the Applicants in Case No. 30604, Applicant's failure to notify me of that proceeding so that I may participate therein.

Should you have any questions, please do not hesitate to contact the undersigned.

Regards,

James V. Mischel Sr.

Susan Mischel

From: <u>Desirae Zaste</u>

To: <a href="Info-Oil & Gas Division">-Info-Oil & Gas Division</a>; Forsberg, Sara L.; Sagsveen, Matthew A.; Helm, Kerrie L.; Joshua A. Swanson;

david.bengston@stinson.com; rob.forward@stinson.com

Cc: <u>Derrick Braaten</u>
Subject: NDIC Case No. 30604

Date: Monday, June 3, 2024 9:11:21 AM

Attachments: Petition to Intervene-Rodney Rychner.pdf
Petition to Intervene-Sheila Murphy.pdf

Petition to Intervene-Shirley & Dean Meyer.pdf 240603 Declaration of Service.pdf

Declaration of DB in support of Mot to Continue.pdf

Motion to Continue.pdf Brief to Continue.pdf

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Good morning,

Attached for filing and service are the following documents:

- Petition to Intervene for Rodney Rychner;
- Petition to Intervene for Sheila Murphy;
- Petition to Intervene for Shirley and Dean Meyer;
- Motion to Continue Hearing;
- Brief in Support of Motion to Continue Hearing;
- Declaration of Derrick Braaten in Support of Motion to Continue Hearing; and
- Declaration of Service.

Thank you.

## Desirae Zaste! Certified Paralegal



BRAATEN LAW FIRM 109 N. 4th Street, Suite 100 Bismarck, ND 58501 Phone: 701-221-2911

Fax: 701-221-5842 www.braatenlawfirm.com

#### PRIVILEGED COMMUNICATION

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#### **OIL AND GAS DIVISION**

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

**Case Nos. 30604** 

## PETITION TO INTERVENE FOR RODNEY RYCHNER

Pursuant to N.D.C.C. § 28-32-28, Rodney Rychner ("Landowner") hereby petitions to intervene in the above-captioned proceedings. In support of this petition, Landowner states and alleges as follows:

- [¶1] On or about November 14, 2023, Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, Robert "Bob" Fulwiler, McTan Holdings, LP, Tejon Exploration, Inc., Randa K. Up, and David S. Halbert ("Applicants") submitted their application ("Application") asking the North Dakota Industrial Commission ("NDIC") to grant their application. *See* Case No. 30604.
- [¶2] Landowner was just made aware of the Application in the past week.
- [¶3] Landowner owns an oil and gas interest in the units encompassing Section 35, Township 147 North, Range 96 West, and/or Section 2, Township 146 North, Range 96 West.

- [¶4] Based on that ownership, Landowner has received his proportionate share of production revenue from the Whitman FIU 13-34 HSL1 (the "Section Line Well") for several years.
- [¶5] If the relief requested by the Applicants is granted, Landowner may be asked to pay back part of that revenue and may receive less revenue going forward from these Wells. If the relief requested by the Applicants is granted, Landowner may be required to pay back part of that revenue and will receive less revenue going forward from these Wells. The proposal from the applicants would violate Landowner's correlative rights and the removal of the Landowner's proportionate share threatens to undermine the constitutionality of the North Dakota conservation laws and its authority to conduct forced pooling under N.D.C.C. § 38-08-08.
- [¶6] The legal rights, privileges, and other legal interests of Landowner will be substantially affected by the NDIC's findings and conclusions in this proceeding as they relate to the Application. Landowner files this petition for the purpose of responding in opposition to the Application and in support of Continental Resources, Inc. position in this matter with regard to the proper manner of allocation.
- [¶7] For these reasons Landowner petitions for leave to intervene in this proceeding for the purpose of responding to Applicants' Application and participating in any oral argument or hearings on the application and the right to be heard before the final determination as it relates to Landowner and the legality of the relief requested and which may be provided in these proceedings.

# Dated this 3<sup>rd</sup> day of June, 2024.

# BRAATEN LAW FIRM

/s/ Derrick Braaten

Derrick Braaten (ND #06394)
109 North 4<sup>th</sup> Street, Suite 100 Bismarck, ND 58501 Phone: 701-221-2911 derrick@braatenlawfirm.com

Attorneys for Landowner

#### **OIL AND GAS DIVISION**

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

**Case Nos. 30604** 

#### PETITION TO INTERVENE FOR SHEILA MURPHY

Pursuant to N.D.C.C. § 28-32-28, Sheila Murphy ("Landowner") hereby petitions to intervene in the above-captioned proceedings in support of the position taken by Continental Resources, Inc. In support of this petition, Landowner states and alleges as follows:

- [¶1] On or about November 14, 2023, Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, Robert "Bob" Fulwiler, McTan Holdings, LP, Tejon Exploration, Inc., Randa K. Up, and David S. Halbert ("Applicants") submitted their application ("Application") asking the North Dakota Industrial Commission ("NDIC") to grant their application. *See* Case No. 30604.
- [¶2] Landowner was just made aware of the Application in the last week.
- [¶3] Landowner owns an oil and gas interest in the units encompassing Section 35, Township 147 North, Range 96 West, and/or Section 2, Township 146 North, Range 96 West.

- [¶4] Based on that ownership, Landowner has received her proportionate share of production revenue from the Whitman FIU 13-34 HSL1 (the "Section Line Well") for several years.
- [¶5] If the relief requested by the Applicants is granted, Landowner may be required to pay back part of that revenue and will receive less revenue going forward from these Wells. The proposal from the applicants would violate Landowner's correlative rights and the removal of the Landowner's proportionate share threatens to undermine the constitutionality of the North Dakota conservation laws and its authority to conduct forced pooling under N.D.C.C. § 38-08-08.
- [¶6] The legal rights, privileges, and other legal interests of Landowner will be substantially affected by the NDIC's findings and conclusions in this proceeding as they relate to the Application. Landowner files this petition for the purpose of responding in opposition to the Application and in support of Continental Resources, Inc. position in this matter with regard to the proper manner of allocation.
- [¶7] For these reasons Landowner petitions for leave to intervene in this proceeding for the purpose of responding to Applicants' Application and participating in any oral argument or hearings on the application and the right to be heard before the final determination as it relates to Landowner and the legality of the relief requested and which may be provided in these proceedings.

# Dated this 3<sup>rd</sup> day of June, 2024.

# BRAATEN LAW FIRM

/s/ Derrick Braaten

Derrick Braaten (ND #06394)
109 North 4<sup>th</sup> Street, Suite 100 Bismarck, ND 58501 Phone: 701-221-2911 derrick@braatenlawfirm.com

Attorneys for Landowner

#### **OIL AND GAS DIVISION**

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

**Case Nos. 30604** 

#### PETITION TO INTERVENE FOR SHIRLEY AND DEAN MEYER

Pursuant to N.D.C.C. § 28-32-28, Shirley and Dean Meyer ("Landowners") hereby petition to intervene in the above-captioned proceedings. In support of this petition, Landowners state and allege as follows:

- [¶1] On or about November 14, 2023, Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, Robert "Bob" Fulwiler, McTan Holdings, LP, Tejon Exploration, Inc., Randa K. Up, and David S. Halbert ("Applicants") submitted their application ("Application") asking the North Dakota Industrial Commission ("NDIC") to grant their application. *See* Case No. 30604.
- [¶2] Landowners were just made aware of the Application recently. Shirley Meyer is a former state legislator who is knowledgeable regarding North Dakota law and her minerals, and is familiar with the functions of the NDIC. Ms. Meyer is also a board member of the Northwest

Landowners Association, which is currently challenging the constitutionality of several laws in the North Dakota courts, and has argued that in order for conservation laws like N.D.C.C. § 38-08-08 to be constitutional, they must be based on the reservoir mechanics and principles of drainage that were the original basis for these conservation laws. The way the applicants are proposing to allocate revenues from these wells undermines the constitutional basis for the oil and gas conservation laws and could result in a challenge to the oil and gas conservation laws in their entirety. It is not at all what the legislature intended and the NDIC is going down a treacherous road by divorcing royalty allocation from drainage and basing it on an erroneous interpretation of language in a statute.

- [¶3] Landowners own an oil and gas interest in the units encompassed by Section 35, Township 147 North, Range 96 West, and/or Section 2, Township 146 North, Range 96 West.
- [¶4] Based on that ownership, Landowners have received their proportionate share of production revenue from the Whitman FIU 13-34 HSL1 (the "Section Line Well") for several years.
- [¶5] If the relief requested by the Applicants is granted, Landowners will be asked to pay back part of that revenue and will receive less revenue going forward.
- [¶6] The legal rights, privileges, and other legal interests of Landowners will be substantially affected by the NDIC's findings and conclusions in this proceeding as they relate to the Application. Landowner files this petition for the purpose of responding in opposition to the Application.
- [¶7] For these reasons Landowners petition for leave to intervene in this proceeding for the purpose of responding to Applicants' Application and participating in any oral argument or hearings on the application and the right to be heard before the final determination as it

relates to Landowner and the legality of the relief requested and which may be provided in these proceedings.

Dated this 3<sup>rd</sup> day of June, 2024.

## **BRAATEN LAW FIRM**

/s/ Derrick Braaten

Derrick Braaten (ND #06394) 109 North 4<sup>th</sup> Street, Suite 100 Bismarck, ND 58501 Phone: 701-221-2911

derrick@braatenlawfirm.com

Attorneys for Landowners

#### OIL AND GAS DIVISION

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

Case Nos. 30604

#### MOTION TO CONTINUE HEARING

Intervenor Landowners Rodney Rychner, Sheila Murphy, and Shirley and Dean Meyer ("Landowners), by and through their undersigned counsel, hereby move to continue the hearing in the above-captioned matter, currently scheduled for June 5, 2024. This Motion is supported by the Brief in Support and the Declaration of Derrick Braaten and other documents filed in this matter.

# DATED this 3<sup>rd</sup> day of June, 2024.

# BRAATEN LAW FIRM

/s/ Derrick Braaten

Derrick Braaten (ND #06394) 109 North 4<sup>th</sup> Street, Suite 100 Bismarck, ND 58501 Phone: 701-221-2911 derrick@braatenlawfirm.com

Attorneys for Intervenors

#### OIL AND GAS DIVISION

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

Case Nos. 30604

#### BRIEF IN SUPPORT OF MOTION TO CONTINUE HEARING

Intervenor Landowners Rodney Rychner, Sheila Murphy, and Shirley and Dean Meyer ("Landowners"), by and through their undersigned counsel, submits the following Brief in Support of its Motion to Continue Hearing.

Landowners' are requesting this matter be rescheduled from June 5, 2024 to a later date on to allow adequate time to allow the Landowners' to defend their interests.

The Landowners never received notice of this hearing, but were made aware on or about May 30 and 31, 2024. *See* Decl. of Derrick Braaten, ¶3.

Under North Dakota law, Landowners must be afforded a fair hearing. See N.D.C.C. § 28-32-46(4). To deny Landowners a continuance based upon the rules and procedure of the administrative agency and require a hearing in less than a week will deny Landowners their right to a fair hearing and to procedural and substantive due process. Applicants in these types of

adjudicative proceedings have as much time as necessary to prepare applications and witnesses prior to hearings, and indeed this applicant has had the benefit of months.

Landowners request that a continuance be granted and the hearing be rescheduled for a later date.

DATED this 3<sup>rd</sup> day of June, 2024.

## **BRAATEN LAW FIRM**

/s/ Derrick Braaten

Derrick Braaten (ND #06394) 109 North 4<sup>th</sup> Street, Suite 100 Bismarck, ND 58501

Phone: 701-221-2911

derrick@braatenlawfirm.com

Attorneys for Intervenors

#### OIL AND GAS DIVISION

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

Case Nos. 30604

# DECLARATION OF DERRICK BRAATEN IN SUPPORT OF MOTION TO CONTINUE HEARING

- 1. I am an attorney for Rodney Rychner, Sheila Murphy, and Shirley and Dean Meyer ("Landowners"), in the above-captioned matter.
- 2. I represent the Landowners in matters involving the application submitted by Applicants.
- The hearing on Applicants' applications has been scheduled for June 5, 2024. The Landowners never received notice of this hearing until very recently, some within the past few days.
- 4. With the hearing less than a week away, this does not allow adequate time for preparation or for these landowners to protect their interests, particularly with the lack of notice provided. I have taken on numerous clients in this matter at a time when I

have zero capacity to do so, but it is absolutely critical that this momentous decision for North Dakota mineral owners not be made entirely in their absence. Altering the face of oil and gas development in North Dakota at the request of a handful of Texas royalty owners, with no notice to the North Dakota citizens who are impacted, does not afford due process to those with the most to lose from this proceeding.

I declare under penalty of perjury under the law of North Dakota, that the foregoing is true and correct.

Executed this 3<sup>rd</sup> day of June, 2024 in Bismarck, North Dakota.

**Derrick Braaten** 

#### OIL AND GAS DIVISION

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

**Case Nos. 30604** 

#### DECLARATION OF SERVICE

- [¶1] I hereby certify that true and correct copies of the following documents:
  - Petition to Intervene for Rodney Rychner;
  - Petition to Intervene for Sheila Murphy;
  - Petition to Intervene for Shirley and Dean Meyer;
  - Motion to Continue Hearing;
  - Brief in Support of Motion to Continue Hearing;
  - Declaration of Derrick Braaten in Support of Motion to Continue Hearing; and
  - Declaration of Service.

were, on the 3<sup>rd</sup> day of June, 2024 sent via electronic mail to the following:

North Dakota Industrial Commission oilandgasinfo@nd.gov slforsberg@nd.gov

Matthew Sagsveen Hearing Examiner masagsve@nd.gov

Joshua Swanson Attorney at Law jswanson@vogellaw.com

David Bengston Attorney at Law david.bengston@stinson.com

Robin Forward Attorney at Law rob.forward@stinson.com

I declare, under penalty of perjury under the law of North Dakota, that the foregoing is true and correct.

Signed on this 3<sup>rd</sup> day of June, 2024 at Bismarck, North Dakota.

Desirae Zaste

From: Forward, Robin Wade

To: Forsberg, Sara L.

Cc: Sagsveen, Matthew A.; Joshua A. Swanson; Roberts, Karen L.; Bengtson, David; MPL.LSS Team 2

**Subject:** NDIC Case No. 30604

**Date:** Friday, May 31, 2024 4:09:50 PM

Attachments: CLR NDIC Case No. 30604 Pre-Hearing Brief of Continental Resources, Inc. (Final).pdf

NDIC Case No. 30604 Continental"s Motion to Limit Scope of Hearing.pdf

CLR NDIC Case No. 30604 Pre-Hearing Brief of Continental Resources, Inc. (Final).pdf

NDIC Case No. 30604 Continental"s Motion to Limit Scope of Hearing.pdf

\*\*\*\*\* **CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe. \*\*\*\*\*

Ms. Forsberg,

The following two attachments are submitted to you for filing in NDIC Case No. 30604: Continental's Pre-Hearing Brief, and Continental's Motion to Limit Scope of Hearing.

Thank you.

#### **Robin Wade Forward**

Partner

#### STINSON LLP

424 South Third Street, Suite 206 Bismarck, ND 58504

Direct: 701.221.8603 \ Mobile: 701.426.9365 \ Bio

Assistant: MPL.LSSTeam2@stinson.com \ 612.335.1966

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# BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS. MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, ROBERT "BOB" FULWILER, MCTAN HOLDINGS, LP, TEJON EXPLORATION. INC., RANDA K. UPP, AND DAVID HALBERT, TO CONSIDER THE ALLOCATION OF PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT CONSISTING OF SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2, TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No. 30604

## PRE-HEARING BRIEF OF CONTINENTAL RESOURCES, INC.

#### I. INTRODUCTION

Applicants Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thompson, Robert "Bob" Fulwiler, McTan Holdings LP, Tejon Exploration, Inc., Randa K. Upp and David Halbert (herein "Applicants") request an order reallocating production to them (and, presumably, all of the other owners of oil and gas interests in Section 23 & 26-147N-96W (the "Morris Unit") from the Carson Peak 4-35HSL Well and the Whitman FIU 13-34HSL Well (collectively the "Subject Wells"). The Subject Wells are section line wells in the Overlapping Spacing Unit consisting of Sections 34 & 35-147-96 and Sections 2 & 3-146-96. Applicants do not own any oil and gas interest in the Overlapping Spacing Unit. Their claims to production from the Subject Wells rest solely upon Applicants' ownership of a small working interest (approximately 30 net

mineral acres) in the Morris Unit. Applicants leases are also located in the Morris-Carson Peak Unit -- a standup 2560 spacing unit consisting of Sections 23, 26 & 35-147-96 and Section 2-146-96 (defined by Applicants as the "Underlying Spacing Unit")<sup>1</sup>. Applicants own no interest in either the Carson Peak Unit or the Whitman Unit which are the two base spacing units in the Overlapping Spacing Unit.

Presumably, Applicants seek to reallocate 50% of the production revenue from the Subject Wells -- that has been allocated and paid to date to the owners in the Carson Peak Unit -- to the Morris Unit. If that requested reallocation occurs, Applicants will "take" that revenue from the owners in the Carson Peak Unit.<sup>2</sup> In effect, long after the Subject Wells had been drilled and even paid out, Applicants seek to retroactively participate in those wells without any drilling risk.

Continental Resources, Inc. ("Continental") operates all of the wells in the Oakdale-Bakken Pool. Continental opposes the reallocation of production and revenue sought by Applicants. To date, Continental has allocated the production from the Subject Wells to the owners of the oil and gas interests within the Overlapping Spacing Unit. That allocation has been in compliance with North Dakota law, the applicable spacing and pooling orders for those wells, and scientifically sound spacing and pooling principles.

#### II. BACKGROUND FACTS

Order No. 30745 in Case No. 28290 is the most recent spacing order for the Oakdale-Bakken Pool. That Order defined the Oakdale Field as all of Sections 22, 23, 26, 27, 34 and 35, Township 147 North, Range 96 West, 5th PM (herein referred to without Township and Range as

<sup>&</sup>lt;sup>1</sup> Referring to the Morris-Carson Peak Unit as an "underlying spacing unit" is not entirely accurate because it is also an "overlapping spacing unit" – overlapping the Morris base spacing unit and the Carson Peak base spacing unit.

<sup>&</sup>lt;sup>2</sup> As explained below, the owners in Sections 2 & 35 from whom the Applicants seek to "take" that production/revenue are not parties to this proceeding.

Sections 22, 23, 26, 27, 34 and 35, respectively), and all of Sections 2 and 3, Township 146 North, Range 96 West, 5th PM (Sections 2, and 3, respectively).

Order No. 30745 established and confirmed the existing proper spacing for horizontal development in the Oakdale-Bakken Pool as follows:

ZONE I, 1 well, 1,280 standup spacing unit (Morris Standup 1280)

TOWNSHIP 147 NORTH, RANGE 96 WEST, 5TH PM ALL OF SECTIONS 23, 26

ZONE I, 1 well, 1,280 standup spacing units (Carson Peak Standup 1280)

TOWNSHIP 147 NORTH, RANGE 96 WEST, 5TH PM ALL OF SECTION 35

TOWNSHIP 146 NORTH, RANGE 96 WEST, 5TH PM ALL OF SECTION 2.

ZONE II, 11 wells, 1,280 standup spacing unit (Whitman Standup 1280)

TOWNSHIP 147 NORTH, RANGE 96 WEST, 5TH PM ALL OF SECTION 34,

TOWNSHIP 146 NORTH, RANGE 96 WEST, 5TH PM ALL OF SECTION 3.

ZONE III, 16 wells, 1,280 standup spacing unit (Hawkinson Standup 1280)

TOWNSHIP 147 NORTH, RANGE 96 WEST, 5TH PM ALL OF SECTIONS 22 AND 27.

ZONE IV, 2 north/south lease-line wells, 2,560 square spacing unit (Hawkinson-Morris Overlapping 2560)

TOWNSHIP 147 NORTH, RANGE 96 WEST, 5TH PM ALL OF SECTIONS 22, 23, 26, 27

ZONE IV, 2 north/south lease-line wells, 2,560 square spacing unit (Whitman-Carson Peak Overlapping 2560) (the "Overlapping Spacing Unit" as defined by Applicants)

TOWNSHIP 147 NORTH, RANGE 96 WEST, 5TH PM ALL OF SECTIONS 34 AND 35,

TOWNSHIP 146 NORTH, RANGE 96 WEST, 5TH PM ALL OF SECTIONS 2 AND 3.

ZONE V, 4 wells, 2,560 standup spacing unit (Hawkinson-Whitman Standup 2560)

TOWNSHIP 147 NORTH, RANGE 96 WEST, 5TH PM ALL OF SECTIONS 22, 27 AND 34,

TOWNSHIP 146 NORTH, RANGE 96 WEST, 5TH PM ALL OF SECTION 3.

ZONE VI, 24 wells, 2,560 standup spacing unit (Morris-Carson Peak Standup 2560) (the "Underlying Spacing Order" as defined by Applicants)

TOWNSHIP 147 NORTH, RANGE 96 WEST, 5TH PM ALL OF SECTIONS 23, 26 AND 35,

TOWNSHIP 146 NORTH, RANGE 96 WEST, 5TH PM ALL OF SECTION 2.

In Order No. 33453, Case No. 29902 (the "Petro-Hunt Case"), the Commission created a concept that it referred to as a "base spacing unit." The Commission defined that term as "the first spacing unit established for horizontal well development of the spaced lands." Order No. 33453, ¶31, p. 7 & ¶2, p. 9. As defined by the Commission, the "base spacing units" for the Overlapping Spacing Unit are: (a) the Carson Peak standup 1280 spacing unit comprised of Sections 35 & 2, created in Order No. 10608, Case No. 9032 (July 25, 2006); and (b) the Whitman standup 1280 spacing unit comprised of Sections 34 & 3, created in Order No. 10609, Case No. 9033 (July 25, 2006). Neither of those base spacing units have been terminated. Applicants admittedly do not own any interest in either of those "base spacing units."

The oil and gas interests in the Underlying Spacing Unit, in which Applicants own their interests, were spaced for the drilling of wells by Order No. 14604, Case No. 12030 (April 22, 2010), and were subsequently pooled for the development and operation of the spacing unit by Order No. 14262, Case No. 12031 (May 10, 2010).

The oil and gas interests in the Overlapping Spacing Unit were spaced for the drilling of wells by Order No. 28508, Case No. 26095 (October 31, 2017), and were subsequently pooled for the development and operation of the spacing unit by Order No. 29871 in Case No. 27427 (March 26, 2019).

The Commission can and should take administrative notice of all the proceedings in all of the prior cases involving spacing and pooling of lands within the Oakdale Field, including the pleadings, notice given of the proceedings, the evidence introduced at the hearings, and the orders. *See* N.D.C.C. § 28-32-24(7).

Since 2006, Continental has filed 21 applications to space and pool the lands within the Oakdale Field. Applicants did not appear or participate in any of the spacing or pooling hearings, including the spacing and pooling of the Underlying Spacing Unit or the Overlapping Spacing Unit which they now seek to change.

Continental has allocated and paid all of the proceeds from the Subject Wells to the owners of the oil and gas interests in the Overlapping Spacing Unit. If Applicants claims for relief are granted, the oil and gas that has already been produced from the Subject Wells cannot be reallocated, but instead money must be repaid and reallocated. Nearly 200 owners of working interests and royalty interests in the Overlapping Spacing Unit will be required to repay money that they have already received (and likely spent) to Applicants. Moreover, many of those owners

who would be obligated to pay money to Applicants may have either died or transferred their interests, further complicating matters.

#### III. ARGUMENTS AND AUTHORITIES

On December 4, 2023, Continental filed a motion to dismiss the Application arguing that this case should be dismissed based on several independently sufficient legal grounds. That motion is fully briefed and has been argued, but has not been decided by the Commission. Since that motion was filed, a ruling by the North Dakota Supreme effectively disposed of one of Continental's grounds for dismissal, i.e., that the Commission lacks jurisdiction over Applicants' claim. See Garaas as Co-Trustees of the Barbara Susan Garaas Family Trust v. Petro-Hunt, LLC, 3 N.W.3d 156 (N. D. 2024). However, all of the other grounds for dismissal in Continental's motion to dismiss remain viable and have not been ruled upon. Continental does not waive and continues to rely on all of those other grounds for dismissal.

# A. No statute authorizes the Commission to reallocate production from the Overlapping Spacing Unit to Applicants.

"The Commission's 'authority to regulate' is limited to that authority provided to it by the legislature." *Environmental Law & Policy Center v. N.D. Pub. Serv. Comm'n.*, 948 N.W.2d 838, 841 (N.D. 2020). Thus, absent express statutory authority to grant the relief requested, the Application must be denied.

No North Dakota statute gives the Commission authority to reallocate production from one spacing unit to another spacing unit as requested by Applicants. The pooling statute, N.D.C.C. § 38-08-08(1)—the only statute on which Applicants rely—does not authorize the relief requested. In *Dominek v. Equinor Energy, LP*, 982 N.W.2d 303 (N.D 2022), the Supreme Court held that "Section 38-08-08(1), NDCC, does not require allocation of production from Section 13 [the

overlapping spacing unit] to Section 24 [the underlying unit]." *Dominek*, 982 N.W.2d at 5-6. More importantly, the Supreme Court went further, stating that <u>nothing</u> in the language of the pooling statute created any "ambiguity as to whether or not the legislature intended such allocation" in the pooling statute. *Id.* at 5. Thus, the phrase "for all purposes" as used in the pooling statute, which has been relied upon by some to argue that the pooling statue does authorize the reallocation urged by Applicants, does not authorize the relief sought in this case. Thus, neither Applicants nor the Commission can rely on any of the language of the pooling statute to grant the relief sought by Applicants.

Moreover, as pointed out in the briefing on Continental's motion to dismiss, no other statute authorizes the allocation of production sought by Applicants. While two other statutes do authorize the Commission to allocate production in circumstances that are not present in this case.

See N.D.C.C. §§ 38-08-04(1)(c) and 38-08-06 (allowing the Commission to limit and allocate production when producing wells at less than full capacity to prevent waste); and N.D.C.C. § 38-08-09.4 (allowing the Commission to allocate production in the context of enhance recover unitization orders). An exhaustive search of Chapter 38-08 of the NDCC reveals no statute authorizing the Commission to order allocation of production in a pooled spacing unit to specific parties. The absence of such express authority for pooled spacing units, coupled with the express authority in other contexts, is clear indication that the Commission lacks authority to order allocation as Applicants request.

B. The relief requested by Applicants will "take" production (and money) from the owners in the Carson Peak Unit. Applicants failure to name those owners as parties to this case requires dismissal of this action. Unless and until those owners are given notice and an opportunity to participate this case to protect their interests, the Application must be dismissed.

Applicants seek an order from the Commission allocating to them twenty-five percent (25%) of the production from the Subject Wells – i.e., half of the 50% that has to date been

allocated to the owners in the Carson Peak Unit. Because 100% of the production to date has already been allocated (and paid) to the owners in the Carson Peak Unit, granting Applicants' relief will effectively take production (and revenue) from the owners in the Carson Peak Unit. In other words, allocating production to Applicants is just another way of saying that same production will be taken away from someone else.

Applicants chose not to name any respondents in this case. However, it is abundantly clear that the owners in the Carson Peak Unit, whose revenue and production will be taken from them if Applicants' relief is granted, should have been named as respondents in this proceeding. The Application in this matter is in reality a complaint and those owners should be joined and have an opportunity to participate.<sup>3</sup>

By analogy, the Application is akin to a quiet title action in which the Applicants are asking the Commission to quiet title in them to production that, to date, has been allocated (and paid) by Continental to other persons and entities. To not name as respondents those persons to whom that production has been allocated (and revenue paid) and from whom money must be repaid is patently unfair. Based upon Applicants' failure to join those parties who clearly have a real and substantial interest in the outcome of this proceeding, this case should be dismissed.

NDCC § 28-32-21 provides that in an adjudicative proceeding involving a hearing on a complaint against a named respondent, the respondent must be served a copy of the complaint at least 45 days before the hearing, and a copy of the notice of hearing at least 20 days before the hearing. NDCC 28-32-21; NDAC § 43-02-03-90. At any hearing in an adjudicative proceeding,

<sup>&</sup>lt;sup>3</sup> The relief sought by Petro-Hunt, LLC in Case No. 29902 was fundamentally different. In that case, Petro-Hunt sought an Order of the Commission affirming that its allocation of production was proper and granting that relief would not result in any reallocation of production and proceeds.

the parties must be afforded the opportunity to presence evidence and to examine and cross-examine witnesses as is permitted under NDCC §§ 28-32-24 & 28-32-35. None of the owners in the Carson Peak standup 1280 spacing unit have been given notice of or the opportunity to participate in this proceeding.

Fundamental concepts of due process and fairness require that the owners in the Carson Peak Unit should be parties to this proceeding and given the opportunity to participate in this case. Although Continental is an owner in the Carson Peak Unit, it is not the only such owner and does not act on their behalf. Moreover, Continental also owns oil and gas interests in Morris Unit which would receive production/revenue if Applicants prevail, so it cannot adequately represent the Carson Peak Unit owners in this case.

#### C. Applicants' claims are barred by administrative res judicata.

In Order No. 28508 (October 31, 2017), which created the Overlapping Spacing Unit and authorized the drilling of the first section line well, the Commission determined that production from that well would "not have a detrimental effect on correlative rights." Order No. 28508, ¶ 17, p. 3. Then, in Order No. 30640 (April 7, 2020), which authorized the second section line well in the Overlapping Spacing Unit, the Commission, first, noted that that "[t]here are twelve horizontal wells completed in the [Underlying Spacing Order]," and, second, determined that production from the Subject Wells "will not have a detrimental effect on correlative rights." Order No. 30640, ¶¶ 17 & 19, p. 3. Those determinations still stand. Under the doctrine of res judicata, the Application in this case is an impermissible collateral attack on Order Nos. 28508 and 30640.

Res judicata prohibits the re-litigation of claims and issues that were raised or could have been raised in a prior proceeding between the same parties or their privies, and that were resolved by final judgment in a court of competent jurisdiction. *Hofsommer v. Hofsommer Excavating, Inc.*,

488 N.W.2d 380, 383 (N.D. 1992). Res judicata promotes "efficiency for both the judiciary and litigants by requiring that disputes be finally resolved and ended." *Id.* Administrative res judicata is simply the judicial doctrine of res judicata applied to an administrative proceeding. *Lamplighter Lounge, Inc. v. State ex rel. Heitkamp*, 510 N.W.2d 585, 591 (N.D. 1994). The purpose of administrative res judicata is to preserve scarce administrative resources and avoid wasteful expense and delay. *Ziesch v. Workforce Safety & Ins.*, 2006 ND 99, ¶ 17, 713 N.W.2d 525. The doctrine applies to decisions of the North Dakota Industrial Commission. *See Hystad v. Mid-Con Expl. Co. Exeter*, 489 N.W.2d 571 (N.D. 1992) (determining res judicata prevented collateral attack on Commission's spacing order); *Amerada Hess Corp. v. Furlong Oil & Minerals Co.*, 348 N.W.2d 913 (N.D. 1984) (affirming determination that Commission's well order was res judicata and not subject to collateral attack).

Here, the reallocation of production and correlative rights could have been raised by Applicants in 2017 or again in 2020 during the proceedings in Case Nos. 26095 and 28184 authorizing the Subject Wells in the Overlapping Spacing Unit. There is no question Applicants did not raise these issues during any proceedings regarding the Oakdale-Bakken Pool and they obviously did not challenge either Order Nos. 28508 or 30640 with an appeal. Administrative res judicata bars not only re-litigation of issues that were raised in a prior proceeding, but it also bars those issues that could have been raised. *Cridland v. North Dakota Workers Comp. Bur.*, 1997 ND 223, ¶ 17, 571 N.W.2d 351 ¶ 17; *see Lamplighter Lounge, Inc.*, 510 N.W.2d at 591 ("The res judicata effect of an agency decision extends to matters adjudicable at the time of that decision.").

In addition, it is important to note the application of res judicata is not precluded by an administrative agency's continuing jurisdiction to investigate and consider matters under its purview. Put another way, statutory continuing jurisdiction does not empower agencies to reopen

and revisit any and all past decisions involving the same parties; there are limits. Indeed, the North Dakota Supreme Court has indicated that even though agencies have statutory authority to exercise continuing jurisdiction over a matter, this authority does not encompass unlimited re-litigation of issues that could have been raised in a prior proceeding. *See, e.g., Cridland* at ¶ 17 (agency's continuing jurisdiction could not be exercised to re-litigate issues that should have been raised in prior hearing). Absent a new development or evidence, an issue or claim may not be revisited in a subsequent administrative proceeding. *See Houn v. Workforce Safety & Ins.*, 2005 ND 115, ¶ 12, 698 N.W.2d 271 (future changes in medical condition necessary to avoid application of res judicata); *Lamplighter Lounge, Inc.* 510 N.W.2d at 591 (res judicata barred subsequent proceeding where no new of evidence of misconduct); *McCarty v. North Dakota Workers Comp. Bureau*, 1998 ND 9, ¶ 13, 574 N.W.2d 556 (When "subsequent claims are based upon the identical factual situation as the claims in the prior proceeding, then they should have been raised in the prior proceeding.").

Applicants seek relief on issues that were already considered or could have been taken up in prior proceedings that included evidentiary hearings in which Applicants chose not to participate. Therefore, as a matter of law, res judicata applies and bars Applicants' administrative claims.

D. Applicants' claims are barred by the doctrine of laches based on their delay in pursing their claims and the extreme prejudice to Continental and the owners in the Carson-Peak Unit due to that delay.

The doctrine of laches bars Applicants claims in this case. The Carson Peak Lease Line Well and the Whitman Lease Line Well began production three years and one year, respectively, before any of the Applicants first contacted Continental and expressed any concerns over the allocation of production from those wells. Before that first contact, the Subject Wells had already

produced hundreds of thousands of barrels of oil, and over 1000 MMcf of gas. It is undisputed that Continental paid tens of millions of dollars of proceeds from the Subject Wells to hundreds of third parties, and that it would be very difficult for Continental to recoup and redistribute those proceeds to Applicants. In fact, many of those third parties are now deceased or have otherwise transferred their interests making it impossible to collect and redistribute those funds.

The doctrine of laches may be applied in administrative proceedings. See 2 Am. Jur. 2d Administrative Law § 269 ("If there are no statutory time limitations applicable to a particular administrative proceeding, the question of whether or not there is a bar by time may turn on the question of laches."). "Laches is an affirmative defense arising out of equity. Laches is a delay or lapse of time in commencing an action that works a disadvantage or prejudice to the adverse party because of a change in conditions during the delay. Laches does not arise from the delay of time alone; rather, it is the delay in enforcing a person's rights that disadvantages another. The party against whom laches is sought to be invoked must be actually or presumptively aware of his rights and must fail to assert them against a party who in good faith permitted his position to become so changed that he could not be restored to his former state. The party asserting laches has the burden of proving he was so prejudiced during the delay that he cannot be restored to the status quo." Kvande v. Thorson, 2020 ND 186, P11-P12, 947 N.W.2d 901, 904 (internal citations and quotations omitted). The North Dakota Supreme Court has held that laches may be invoked against state government action. Stenehjem ex rel. State v. National Audubon Soc'y, Inc., 2014 ND 71, ¶ 18, 844 N.W.2d 892, 901.

The prejudice to Continental resulting from Applicants' delay is clear and substantial.

Continental has already distributed tens of millions of dollars in proceeds of production form the Subject Wells in good faith reliance on Applicants' lack of opposition to the spacing and pooling

applications. Many of those owners who received that revenue have died or sold their interests to new owners and, as a result, future proceeds cannot be offset to collect that revenue. Moreover, the prejudice to those owners in the Carson Peak Unit who have received (paid taxes on) and spent that revenue is substantial. Those facts support the conclusion that the relief sought by Applicants in this case is barred by laches.

# E. Applicants lack standing to pursue the requested relief because they failed to participate in the underlying spacing and pooling proceedings.

Applicants lacks standing to pursue the requested relief because they did not participate in any of the prior proceedings establishing the spacing and pooling that Applicants now seeks to change, after the fact. As discussed previously, there is no cause of action in statute or the Commission's regulations by which a party may request reallocation of production from a well in a pooled spacing unit. Since there is no such cause of action, the Application in this case can only be interpreted as an appeal, or request for reconsideration, of the spacing and pooling orders for the Overlapping Spacing Unit, and/or other spacing or pooling orders for the Oakdale-Bakken Pool. However, Applicants did not participate in any of those prior spacing or pooling proceedings. A person who did not participate in a Commission proceeding has no standing to appeal the Commission's order in that proceeding. Energy Transfer LP v. N.D. Private Investigative and Sec. Bd., 2022 ND 85, P7, 973 N.W.2d 394, 398. Any petition for reconsideration of a Commission order must be filed within "fifteen days after notice has been given as required by section 28-32-39..." NDCC § 28-32-40. The Application in case was filed years after notices of the Oakdale-Bakken Pool spacing and pooling orders were given. Therefore, Applicants have no standing to appeal, or petition for reconsideration of, such orders. Absent standing, the Application must be dismissed.

F. The Commission's recent decision in the Petro-Hunt Case (Case No. 29902) does not support Applicants' claims for relief in this case, and supports Continental's allocation of production from the Overlapping Spacing Unit.

The only time that the Commission has addressed the issue of the allocation of production from lease line wells in an overlapping spacing unit to underlying spacing units is in the Petro-Hunt Case. Although Applicants like to argue that "the Commission" addressed that issue in the Dominek case, that claim is simply not true. In Dominek, a Hearing Officer for the Commission filed an amicus brief in response to several certified questions from the federal court. There is no evidence that the Commission itself officially approved the statements in that brief. Moreover, the Supreme Court in Dominek rejected the Commission's fundamental position in that amicus brief that the pooling statute, NDCC § 38-08-08, required that production from overlapping spacing units created for section-line wells be allocated to all underlying spacing units. Since that decision, the Commission itself did issue its Order in the Petro-Hunt Case. Although that Order is on appeal, it is the only decision from the Commission on this issue.

Although Continental does not necessarily agree with the Order in the Petro-Hunt Case, on the unique facts of this case, it effectively disposes of Applicants' claims for relief. Attached hereto as Exhibit "A" is a copy Petro-Hunt Exhibit No. E-1 from the Petro-Hunt case. In that case, the Overlapping Spacing Unit consisted of Sections 18, 19, 13 & 24. Petro-Hunt asked the Commission to find that production from the lease line well in that unit should be allocated to each of the three (3) base spacing units in that Overlapping Spacing Unit – i.e., (1) Sections 13 & 24; (2) Section 18; and (3) Sections 19 & 20. Sections 19 & 20 were a laydown 1280 spacing unit that included acreage outside of the overlapping spacing unit.

In the Order, the Commission held that production from the lease-line well should be allocated all of the tracts in the overlapping spacing unit based upon an acreage basis in the overlapping spacing unit, and then shall be allocated to the "base spacing units" comprising those tracts. Order No. 33453, ¶ 1, p. 9. The rationale for that decision was as follows:

The Commission believes that a lease-line horizontal well in a lease-line spacing unit will recover oil from lands within the setback area of the underlying <u>base spacing units</u>. Without the lease-line horizontal well, the oil would be recovered less efficiently or not at all by the horizontal wells <u>in the base spacing units</u>; therefore, all pooled interest owners within <u>the base spacing units</u> should receive their equitable share of that oil, not just the interest owners in the sections located within the lease-line spacing unit by all interest owners in horizontal wells <u>in the base spacing units</u>. (emphasis added)

Order No. 33453, ¶ 34, p. 7. Thus, production from lease-line wells was allocated only to the base spacing units lying within the overlapping spacing unit.

The Commission also created the concept of and define what a "base spacing unit" in that order. Specifically, the Commission defined a "base spacing unit" as "the first spacing unit established for horizontal well development of the spaced lands, typically 320-acres, 640-acres, or 1280-acres in nominal size." Order No. 33453,  $\P$  31, p. 7 &  $\P$  2, p. 9.

Applied to the facts of this case, the "base spacing units" in the Overlapping Spacing Unit are (1) the Whitman Unit consisting of Sections 34 & 3: and (2) the Carson Peak Unit consisting of Sections 35 & 2. It is undisputed that those spacing units remain in effect and that the Applicants do not own any oil and gas interests in either of those spacing units. See Petitioners' Pre-Hearing Brief in Support of Application, Exhibit B. Because under Order No. 33453 production for the lease-line wells is only allocated to the "base spacing units" and Applicants do not own any interest in the "base spacing units," Applicants claims to reallocate that production to them must fail.

Also instructive for this case is the relief that Petro-Hunt did <u>not</u> seek and that the Commission did <u>not</u> order in that case. One of the base spacing units included in the overlapping spacing unit in that case was Section 18. Section 18 had also been included in a subsequently created spacing unit consisting of Sections 7, 17 & 18. That is precisely the scenario presented in

this case, where the Carson Peak base spacing unit (Section 18 in the Petro-Hunt Case) was

subsequently included in the Morris-Carson Peak spacing unit (Sections 7, 17 & 18 in the Petro-

Hunt Case). In the Petro-Hunt Case, based on the same facts presented by Applicants in this case:

First, Petro-Hunt did not allocate any production from the overlapping spacing unit to Sections 7

& 17. Attached hereto as Exhibit "B" is Petro-Hunt Exhibit L-3 from Case No. 29902. Second,

the Commission did not order that any production from the overlapping spacing unit be allocated

to Sections 7 & 17. Thus, on the facts of this case, Petro-Hunt would also oppose Applicants'

claims and support Continental's allocation of production from the Overlapping Spacing Unit.

IV. CONCLUSION

For the reasons set forth herein, Continental respectfully requests that the relief requested

by Applicants be denied.

Dated: May 31, 2024

/s/ David E. Bengtson

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RESOURCES, INC.

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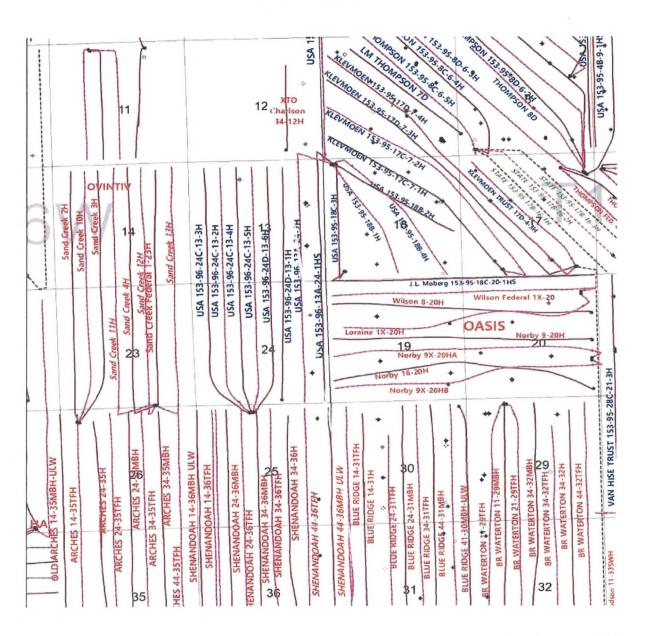
#### **CERTIFICATE OF SERVICE**

The undersigned certifies that a true and correct copy of the foregoing Pre-Hearing Brief of Continental Resources, Inc. has been served via email, in the above-captioned matter on this 31st day of May 2024 as follows:

Joshua A. Swanson Vogel Law Firm 218 NP Avenue P.O. Box 1389 Fargo, ND 58107-1389 jswanson@vogellaw.com Attorney for Applicants

/s/ Robin Wade Forward
Robin Wade Forward

# Exhibit A Petro-Hunt, L.L.C. Case No. 29902 March 22, 2023



Petro-Hunt, L.L.C. Case No. 29902 March 22, 2023 Exhibit No. E-1

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#### **Exhibit B**

# ALLOCATION OF PRODUCTION FROM PETRO-HUNT, L.L.C. USA 153-96-13A-24-1HS WELL

Township 153 North, Range 96 West

Township 153 North, Range 95 West

Sections 13 and 24 Spacing Unit (50% total) 18 13 640 base-spacing unit (25%) (25% total) 1280 base-spacing unit Sections 19 and 20 Spacing Unit (25% total) 19 24 20 (12.5%)(12.5%)(25%) 1280 base-spacing unit

Base Pooled Spacing Unit – Secs 19 & 20 All	<ul> <li>Spacing unit created by NDIC Order No. 12496 dated November 21, 2008.</li> <li>Pooled by NDIC Order No. 13922 dated December 31, 2009.</li> </ul>
Overlapping Pooled Spacing Unit – Secs 13, 24, 18 & 19 for USA 153-96-13A-24-1HS Well	<ul> <li>Spacing unit created by NDIC Order No. 24140 dated August 13, 2014.</li> <li>Pooled by NDIC Order No. 30323 dated October 9, 2019.</li> </ul>

#### Allocation of Production from Well on Overlapping Spacing Unit Calculation:

Proportionate Share of Base Pooling Spacing Unit

Owner Net Acres in Base Spacing Unit ÷ Base Spacing Unit Gross Acres X Base Spacing Unit Gross Acres in Overlapping Spacing Unit ÷ Overlapping Spacing Unit Gross Acres = Gross Working Interest in Overlapping Spacing Unit

 OVERLAP OWNER NET REVENUE INTEREST: Multiply Gross WI in overlapping spacing unit by royalty percentage and/or less burdens

> Petro-Hunt, L.L.C. Case No. 29902 March 22, 2023 Exhibit No. L-3

# BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS, MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, ROBERT "BOB" FULWILER, MCTAN HOLDINGS, LP, TEJON EXPLORATION, INC., RANDA K. UPP, AND DAVID HALBERT, TO CONSIDER THE ALLOCATION OF PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT CONSISTING OF SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2, TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No. 30604

# CONTINENTAL RESOURCES, INC.'S MOTION TO LIMIT SCOPE OF HEARING TO ISSUES AND RELIEF REQUESTED IN THE APPLICATION

Continental Resources, Inc. ("Continental") moves for an order limiting the scope of the hearing in this case to the one and only issue, and corresponding relief, stated in the Application, both in its caption and its content, and in all subsequent submissions in this case. This motion was prompted by an expert report disclosed to Continental by Applicants on May 30, 2014. In that report, Applicants' expert witness expresses opinions on issues that are beyond the sole issue set forth in the Application and have never before been raised in the course of this case. Specifically, the new issues and relief in the expert's report include: (1) re-allocation of production from the Carson Peak 4-35HSL well and the Whitman FIU 13-34HSL1 well (the "Section Line Wells") to

the Hawkinson-Whitman Unit<sup>1</sup>; and (2) termination of the current base spacing units for the Carson Peak Unit and for the Morris Unit, and redefining the base spacing unit as the Morris-Carson Peak Unit. Neither of these requests for relief are set forth in the Application or in any other pleading or briefs filed by Applicants in this case. In addition to the lack of notice to Continental that those issues would be raised at the hearing, the Commission must consider the lack of any notice to the other oil and gas interest owners in the Whitman-Carson Peak spacing unit whose production would be "taken" by Applicants' suggested re-allocation of production from the Whitman-Carson Peak Unit to the Hawkinson-Whitman Unit.

In support of this motion, Continental states as follows:

- 1. Applicants filed their Application on August 21, 2023. The caption states that Applicants seek an order allocating production from Section-Line wells to them "based on their interests in the Underlying Spacing Unit consisting of Sections 23, 26 & 35, Township 147 North, Range 96 West, and Section 2, Township 146 North, Range 96 West."
- 2. The term "Underlying Spacing Unit" has consistently been defined by Applicants as the Morris-Carson Peak Unit. In paragraph 4 of the Application, Applicants defined the term "Underlying Spacing Unit" as" Sections 23, 26 and 35, Township 147 North, Range 96 West and Section 2, Township 146 North, Range 96 West" i.e., the Morris-Carson Peak Unit. Then in paragraph 9, they alleged "the exclusion of Andress Sandefer in [the Section Line Wells] is a confiscation of their interests within the Underlying Spacing Unit ...." Again, in paragraph 10, Applicants assert that the pooling statute "requires that production from the Overlapping Spacing Unit via the [Section Line Wells] be allocated across the Underlying Spacing Unit." Finally, in

<sup>&</sup>lt;sup>1</sup> Consisting of Sections 22, 27 & 24, Township 147 North, Range 96 West and Section 3, Township 146 North 96 West.

paragraph 15, Applicants "request[] that the Commission order that production from the [Section Line Wells] be allocated to them based on their interests in the Underlying Spacing Unit. . . .."

- 3. In their Pre-Hearing Brief, Applicants restate those same claims that the Commission allocated production from the Section Line Wells to them based on their ownership in the Morris-Carson Peak Unit. See Pre-Hearing Brief of Applicants at ¶ 7, 8, 11, 12, 16, 19, and 21.
- 4. Most recently in written discovery served on April 29, 2024, Applicants again confirmed their definition of "Underlying Spacing Unit" as "the subject of this matter" and "consisting of Sections 23, 26 and 35, Township 147 North, Range 96 West, and Section 2, Township 146 North, Range 96 West." See Exhibit A hereto at p. 3.
- 5. Prior to May 30, 2024, nowhere in any submissions in this case have Applicants claimed that they are seeking a re-allocation of production from the Section Line Wells to their interests in the Hawkinson-Whitman Unit.
- 6. Nowhere in the notice of the hearing issued by the Commission, which describes the relief sought herein, is it stated that Applicants seek to re-allocate production from the Section Line Wells the to the Hawkinson-Whitman Unit. See Exhibit B hereto. N.D.C.C. § 38-08-11(3) requires that notice of the proceeding and of the hearing must "state the purpose of the proceeding." In this case, those published notices contain only the case caption stating that the only relief sought in this case is the allocation of production from the Section Line Wells to Applicants based on their interests in the Morris-Carson Peak Unit.
- 7. Furthermore, among the opinions offered by Applicants' expert is a request to designate the Morris-Carson Peak Unit as the appropriate base spacing unit for allocating production from the Section Line Wells. In effect, Applicants are asking the Commission to terminate the current

base spacing units for the Carson Peak Unit and for the Morris Unit, both of which remain in effect, and change the proper spacing for the Oakdale Field.

- 8. Order No. 30745 in Case No. 28290 is the most recent spacing order for the Oakdale-Bakken Pool. That Order defined the Oakdale Field as all of Sections 22, 23, 26, 27, 34 and 35, Township 147 North, Range 96 West, and all of Sections 2 and 3, Township 146 North, Range 96 West.
- 9. Order No. 30745 established and confirmed the existing proper spacing for horizontal development in the Oakdale-Bakken Pool as follows:

ZONE I, 1 well, 1,280 standup spacing unit (Morris Standup 1280)

TOWNSHIP 147 NORTH, RANGE 96 WEST, 5TH PM ALL OF SECTIONS 23, 26

- ZONE I, 1 well, 1,280 standup spacing units (Carson Peak Standup 1280)

  TOWNSHIP 147 NORTH, RANGE 96 WEST, 5TH PM

  ALL OF SECTION 35

  TOWNSHIP 146 NORTH, RANGE 96 WEST, 5TH PM

  ALL OF SECTION 2.
- ZONE II, 11 wells, 1,280 standup spacing unit (Whitman Standup 1280)

  TOWNSHIP 147 NORTH, RANGE 96 WEST, 5TH PM

  ALL OF SECTION 34,

  TOWNSHIP 146 NORTH, RANGE 96 WEST, 5TH PM

  ALL OF SECTION 3.
- ZONE III, 16 wells, 1,280 standup spacing unit (Hawkinson Standup 1280)

  TOWNSHIP 147 NORTH, RANGE 96 WEST, 5TH PM

  ALL OF SECTIONS 22 AND 27.

ZONE IV, 2 north/south lease-line wells, 2,560 square spacing unit (North Square Overlapping 2560)

TOWNSHIP 147 NORTH, RANGE 96 WEST, 5TH PM ALL OF SECTIONS 22, 23, 26, 27

ZONE IV, 2 north/south lease-line wells, 2,560 square spacing unit (South Square Overlapping 2560)

TOWNSHIP 147 NORTH, RANGE 96 WEST, 5TH PM ALL OF SECTIONS 34 AND 35, TOWNSHIP 146 NORTH, RANGE 96 WEST, 5TH PM ALL OF SECTIONS 2 AND 3.

ZONE V, 4 wells, 2,560 standup spacing unit (Hawkinson-Whitman Standup 2560)

TOWNSHIP 147 NORTH, RANGE 96 WEST, 5TH PM

ALL OF SECTIONS 22, 27 AND 34,

TOWNSHIP 146 NORTH, RANGE 96 WEST, 5TH PM

ALL OF SECTION 3.

ZONE VI, 24 wells, 2,560 standup spacing unit (Morris-Carson Peak Standup 2560)

TOWNSHIP 147 NORTH, RANGE 96 WEST, 5TH PM

ALL OF SECTIONS 23, 26 AND 35,

TOWNSHIP 146 NORTH, RANGE 96 WEST, 5TH PM

ALL OF SECTION 2.

- 10. In Order No. 33453, Case No. 29902 (the "Petro-Hunt Case"), the Commission created a concept that it referred to as a "base spacing unit." The Commission defined that term as "the first spacing unit established for horizontal well development of the spaced lands." Order No. 33453, ¶31, p. 7 & ¶2, p. 9. As defined by the Commission, the "base spacing units" for the Whitman-Carson Peak Unit are: (a) the Carson Peak standup 1280 spacing unit comprised of Sections 35-147N-96W & Section 2-146N-96W, created in Order No. 10608, Case No. 9032 (July 25, 2006); and (b) the Whitman standup 1280 spacing unit comprised of Section 34-147N-96W & Section 3-146N-96W, created in Order No. 10609, Case No. 9033 (July 25, 2006). Neither of those base spacing units have been terminated.
- 11. The Underlying Spacing Unit (Morris-Carson Peak Unit), in which Applicants own their interests, was spaced for the drilling of wells by Order No. 14604, Case No. 12030 (April 22,

- 2010), and was subsequently pooled for the development and operation of the spacing unit by Order No. 14262, Case No. 12031 (May 10, 2010).
- 12. Thus, as that term has been defined by the Commission and as applied to the facts of this case and the existing Orders of the Commission, the base spacing units in the Whitman-Carson Peak Unit are the Whitman Unit and the Carson Peak Unit. Nothing in the Application an Order changing the proper spacing for the Oakdale field or terminating the Whitman Unit and the Carson Peak Unit.
- 13. Continental's right to due process would be violated if Applicants are allowed to broaden the proceedings to introduce issues and seek relief beyond what is in their Application. Therefore, any testimony, exhibits, reports, and other evidence regarding Applicants' new issues and relief should be excluded and not considered by the Commission.
- 14. "Due process requires a participant in an administrative proceeding be given notice of the general nature of the questions to be heard, and an opportunity to prepare and be heard on those questions." *Morrell v. North Dakota Dept. of Transp.*, 1999 ND 140, ¶ 9, 598 N.W.2d 111. "A party has adequate notice when he has been informed of the nature of the proceedings so there is no unfair surprise." *Whitecalfe v. North Dakota Dep't of Transp.*, 2007 ND 32, ¶ 22, 727 N.W.2d 779. "A party . . . must also be adequately informed in advance about the questions to be addressed at the hearing so the party has a sufficient opportunity to prepare." *Id*.

WHEREFORE, for the reasons set forth herein, Continental respectfully requests that the Commission enter an order limiting the scope of the hearing and evidence offered in this case consistent with the Application and notice of hearing, and such further relief as may be appropriate.

Dated: May 31, 2024

/s/ David E. Bengtson

David E. Bengtson (#08486)

STINSON LLP

1625 N. Waterfront Parkway, Suite 300 Wichita, KS 67206 david.bengtson@stinson.com Telephone 316.265.8800

Robin Wade Forward (#05324) STINSON LLP 424 South Third Street, Suite 206 Bismarck, ND 58504 rob.forward@stinson.com Telephone 701.221.8603

ATTORNEYS FOR CONTINENTAL RESOURCES, INC.

#### **CERTIFICATE OF SERVICE**

The undersigned certifies that a true and correct copy of the foregoing has been served via email, in the above-captioned matter on this 31st day of May 2024 as follows:

Joshua A. Swanson Vogel Law Firm 218 NP Avenue P.O. Box 1389 Fargo, ND 58107-1389 jswanson@vogellaw.com Attorney for Applicants

/s/ Robin Wade Forward
Robin Wade Forward

#### **Exhibit A**

## BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS. MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON. **ROBERT** "BOB" FULWILER, **MCTAN** HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID TO CONSIDER HALBERT, OF **ALLOCATION PRODUCTION** ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT CONSISTING OF SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND **SECTION** TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

PETITIONERS'
INTERROGATORIES AND
REQUESTS FOR PRODUCTION OF
DOCUMENTS TO CONTINENTAL
RESOURCES, INC.

TO: CONTINENTAL RESOURCES, INC., AND ITS ATTORNEYS, DAVID E. BENGTSON AND ROBIN WADE FORWARD, OF STINSON LLP, 424 SOUTH THIRD STREET, SUITE 206, BISMARCK, ND 58504 AND 1625 N. WATERFRONT PARKWAY, SUITE 300, WICHITA, KS 67206.

You will please take notice that Petitioners serve these Interrogatories and Requests for Production of Documents (the "Discovery Requests") on Continental Resources, Inc., pursuant to N.D.C.C. § 28-32-33, and demand that Continental Resources, Inc., respond to these Discovery Requests pursuant to Rules 26, 33, and 34 of the North Dakota Rules of Civil Procedure. To the extent any written Discovery Request is objected to, set forth all reasons therefor. If you claim privilege as a ground for not answering any Discovery Request, in whole or in part, describe the factual basis for your claim of privilege, including relevant dates and persons involved, in

sufficient detail so as to permit the Commission to adjudicate the validity of the claim. If you object, in part, to any Discovery Request, answer the remainder completely.

#### **DEFINITIONS**

- 1. "Document(s)" means all materials within the full scope of Rule 34, N.D.R.Civ.P., including but not limited to: all writings and recordings, including the originals and all non-identical copies, whether different from the original by reason of any notation made on such copies or otherwise (including but without limitation to, email and attachments, correspondence, memoranda, notes, diaries, minutes, statistics, letters, telegrams, minutes, contracts, reports, studies, checks, statements, tags, labels, invoices, brochures, periodicals, telegrams, receipts, returns, summaries, pamphlets, books, interoffice and intraoffice communications, offers, notations of any sort of conversations, working papers, applications, permits, file wrappers, indices, telephone calls, meetings or printouts, teletypes, telefax, invoices, worksheets, and all drafts, alterations, modifications, changes and amendments of any of the foregoing), graphic or aural representations of any kind (including without limitation, photographs, charts, microfiche, microfilm, videotape, recordings, motion pictures, plans, drawings, surveys), and electronic, mechanical, magnetic, optical or electric records or representations of any kind (including without limitation, computer files and programs, tapes, cassettes, discs, recordings), including metadata.
- 2. To "identify" means to (a) state a person's full name, home address, business address, and present and past relationship to any party; (b) state the title of any document, who prepared it, when it was prepared, where it is located, and who its custodian is.
- 3. "Describe" means to relate in as full and complete a manner as possible the substance of any agreement, conversation, writing, or other thing requested to be so described. Such description shall include the date and place of any conversation, as well as the identities of all individuals present. When the description of a document is requested, you shall specify the date, place, and circumstances of creation of the document and give a verbatim description (or as close thereto as possible) of the contents, as well as stating its present location and who has possession of the document. In lieu thereof, a copy of the document may be supplied.
- 4. "And" and "or" shall be construed either disjunctively or conjunctively as necessary to bring within the scope of these interrogatories any information that may otherwise be construed to be outside their scope. The term "each" includes "every" and vice versa. The terms "a," "an," and "any" include "all," and "all" includes "a," "an," and "any." The singular usage of a noun, pronoun, or verb shall be considered to include within its meaning the plural form of the noun, pronoun, or verb so used, and vice versa. The masculine form of a noun or pronoun shall be considered to include within its meaning the feminine form of the noun or pronoun so used, and vice versa.
- 5. A "communication" means all oral conversations, discussions, letters, telegrams, memoranda, e-mail, facsimile transmissions, and any other transmission of information in any form, both oral and written.

- 6. The terms "relate," "relates," "related," "relating," or "in relation to" mean regarding, constituting, mentioning, involving, concerning, reflecting, referring to, used in preparation of or needed for analysis or understanding of the described subject matter.
- 7. "Petitioner(s)" means, both individually and collectively, Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, Robert "Bob" Fulwiler, McTan Holdings, LP, Tejon Exploration Company, Randa K. Upp, and David Halbert.
- 8. The terms "You" and/or "Your", "you" and "your," and/or "Continental" means Defendant, Continental Resources, Inc., or anyone acting on its behalf, direction, and/or control.
- 9. "Person" means any individual acting in any capacity as well as any entity or organization as public or private corporations, partnerships, joint ventures, voluntary or unincorporated associations, sole proprietorships, trusts, estates, governmental agencies, commissions, bureaus, or departments.
- 10. The "Underlying Spacing Unit" means that spacing unit, subject of this matter, consisting of Sections 23, 26, and 35, Township 147 North, Range 96 West and Section 2, Township 146 North, Range 96 West.
- 11. The "Overlapping Spacing Unit" means that spacing unit, subject of this matter, consisting of Sections 34 and 35, Township 147 North, Range 96 West and Sections 2 and 3, Township 146 North, Range 96 West.

#### **INSTRUCTIONS**

The following instructions shall be followed in answering these Discovery Requests:

- 1. Your responses to the Discovery Requests are to include such information and documents that are within your possession, custody, or control, including, without limitation, any non-privileged information and documents within the possession, custody, or control of your attorneys, agents, consultants, or other representatives.
- 2. Each Discovery Request should be construed independently, and no Discovery Request should be construed as a limitation on any other request.
- 3. All knowledge and/or information which is in the possession, custody, or control of you or your attorney(s), investigators, employees, agents, or such other representatives or persons acting on your behalf shall be divulged. To the extent any of the Discovery Requests are objected to, set forth all reasons, therefore.
- 4. If there exists no information, documents, or things that are responsive to a particular Discovery Request, please state that fact in your response.

- 5. When the word "describe" or the phrase "factual basis" is used in these Discovery Requests, it means that you are requested to set forth with particularity the facts or information upon which you relied to support a position, contention, or allegation made in this matter. If, in answering these Discovery Requests, you claim an ambiguity in interpreting a particular request, a definition, or an instruction, such claim shall not be used as a basis for refusing to respond. Instead, you should identify the language deemed ambiguous and the interpretation chosen or used in responding to the Discovery Request.
- 6. In the event an objection is made with respect to any of the Discovery Requests on the grounds that it calls for the divulgence of privileged communications between attorney and client, state the following:
  - a. The date on which the communication took place;
  - b. The parties to the communication;
  - c. The manner in which the communications took place, i.e., personal conversation, telephone conversation, or written communication;
  - d. The identity of any persons who were present when the communication took place or who overheard or read the communication as the case may be; and
  - e. The identity of all persons to whom the communication has been divulged.
- 7. If any responsive documents are withheld on the grounds of privilege, please provide a privilege log providing the title of the document, a description of the document, all authors, all recipients, the date of the document, and the ground for the asserted privilege.
- 8. In the event an objection is made with respect to any Discovery Request on the grounds that it calls for the divulgence of information allegedly protected by the "work-product" doctrine, state all facts on which you rely to support the validity of such objection.
- 9. Objection will be made to any attempt to offer evidence sought by these Discovery Requests to which no disclosure has been made.

#### **INTERROGATORIES**

- 1. Identify by name and address all persons contributing information or assisting in answering these Discovery Requests.
- 2. Identify all fact witnesses, including their address and employer, that you intend to call at the hearing set in this matter, currently scheduled for June 5, 2024.
  - a. For each fact witness, identify the subject matter of their expected testimony as related to Petitioners' claim, or Continental's defenses to Petitioners' claim; and
  - b. Identify any exhibits, reports, or other demonstrative materials you will be offering, and/or relying upon, during their testimony.

- 3. Identify by name, address, employer, and field of expertise, each and every person whom you expect to call as an expert witness at the June 5, 2024 hearing set in this matter, and:
  - a. state the subject matter upon which each such expert is expected to testify;
  - b. the substance of the facts and opinions to which each such expert is expected to testify;
  - c. a summary of the grounds for each such expert's opinion;
  - d. a complete resume of each such expert's educational and employment background, together with a list of any articles or published works which such expert has authored; and
  - e. and whether or not said expert has prepared a written report.
- 4. Identify and describe any and all facts, documents, or communications supporting your claim that production from the Overlapping Spacing Unit does not interfere with or impact production from the Underlying Spacing Unit.
- 5. Identify and describe any and all facts, documents, or communications supporting your claim that production from the section line wells at issue, the Carson Peak 4-35HSL well (NDIC #35272) and Whitman FIU 13-34HSL1 well (NDIC #38533), do not interfere with or impact production from the other wells in the Underlying Spacing Unit.

#### REQUESTS FOR PRODUCTION OF DOCUMENTS

- 1. Any and all documents identified in your Answers to Interrogatories, which constitute or contain matters within the scope of Rule 34 and which are in your possession, custody, or control.
- 2. Any and all exhibits, materials, or documents that you intend to offer as evidence, or otherwise offer for the Commission's consideration, at the June 5, 2024, hearing.
  - 3. Any and all documents identified in your response to Interrogatory No. 2.
  - 4. Any and all documents identified in your response to Interrogatory No. 3.
- 5. Any and all reports prepared by an expert witness that you intend to offer as evidence, or otherwise offer for the Commission's consideration, at the June 5, 2024 hearing.
  - 6. Any documents identified in your response to Interrogatory No. 4.
  - 7. Any documents identified in your response to Interrogatory No. 5.

#### Dated this 29th day of April, 2024.

#### **VOGEL LAW FIRM**

/s/ Joshua A. Swanson

BY: Joshua A. Swanson (#06788) 218 NP Avenue

PO Box 1389

Fargo, ND 58107-1389 Telephone: 701.237.6983

Email: <u>jswanson@vogellaw.com</u>
ATTORNEYS FOR PETITIONERS

5408425.1

# Exhibit B

### Affidavit of Publication

Liz Prather, being duly sworn, states as follows:

- I am the designated agent, under the provisions and for the purposes of, Section 31-04-06, NDCC, for the newspapers listed on the attached exhibits.
- 2. The newspapers listed on the exhibits published the advertisement of: Oil and Gas Division - Beginning with case no 30604, 1 time(s) as required by law or ordinance.
- 3. All of the listed newspapers are legal newspapers in the State of North Dakota and, under the provisions of Section 46-05-01, NDCC, are qualified to publish any public notice or any matter required by law or ordinance to be printed or published in a newspaper in North Dakota.

State of North Dakota

County of Burleigh

Subscribed and sworn to before me this 28th day of November, 2023.

SHARON L. PETERSON NOTARY PUBLIC STATE OF NORTH DAKOTA

MY COMMISSION EXPIRES NOV. 08, 2025

NOTICE OF HEARING
N.D. INDUSTRIAL COMMISSION
OIL AND GAS DIVISION
OIL AND GAS DIVISION
The North Dakola Industrial Commission will hold a public hearing at
09.00 AM CST Friday, December 15,
2023 at N.D. Oil & Gas Division 1000
East Calgary Avenue Bismarck,
North Dakola. At the hearing the
Commission will receive testimony
and exhibits, Persons with any interest in the cases listed thelow, lake noest in the cases listed below, tal tice.
PERSONS WITH DISABILITIES: If at

the hearing you need special facilities or assistance, contact the Oil and Gas Division at 701-328-8038 by Frior assistance
Gas Division at 701-328-8038 by Fuday, Dacember 01, 2023.
STATE OF NORTH DAKOTA TO:
Case No. 30604: Application of Thurmon Andress, Melissa Sandeler,
Julia Sandeler, Lisa Sandeler,
Thomas Thompson, and Robert
Babb' Fulwiller, MCTAN Holdings, LP,
Teion Exploration, Inc., Randa K. Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL. (File No. 35272) and Whitman FIU 13-34HSL1 (File No. 38533) section line wells based on their interests in the underlying spacing unit consisting of Sections 23, 26 and 35, T147M. R. 95W., and Section 2, T. 146N. R. 96W., Dunn County, ND, in the Oakdale Field.

Signed by, Doug Burgum, Governor Chairman, NDIC (Nov 22, 2023) 277444

#### \*\*\* Proof of Publication \*\*\*

State of Indiana )
) SS: County of Lake )
duly sworn says that I am the Legal Clerk of Bismarck Tribune Cdivision of Lee Publications, Inc. A newspaper published in the County of Burleigh and State of North Dakota. Who declares the attached Notice was published in said newspaper on the following dates:
11/20
OIL & GAS DIVISION
600 E BLVD AVE #405 BISMARCK, ND 58505
ORDER NUMBER 67267
SIGNATURE
Sworn and subscribed to before me this <u>Q</u> day of
November 2023 L Naver Reser Vell.
Notary Public in and for the State of Indiana

NOTICE OF HEARING
N.D. INDUSTRIAL COMMISSION
OIL AND GAS DIVISION
The North Dakota Industrial Commission RECEIVED The North Dakota Industrial Commission will hold a public hearing at 09:00 AM CST Friday, December 15, 2023 at N.D. Oil & Gas Division 1000 East Calgary Avenue Bismarck, North Dakota. At the hearing the Commission will receive testimony and exhibits. Persons with any interest in the cases listed below, take notice.PERSONS WITH DISABILITIES: If at the hearing you need special facilities AFSOURCES PESOURCES

notice.PERSONS WITH DISABILITIES: If at the hearing you need special facilities or assistance, contact the Oil and Gas Division at 701-328-8038 by Friday, December 01, 2023.

STATE OF NORTH DAKOTA TO:
Case No. 30604: Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, and Robert "Bob" Fulwiler, MCTAN Holdrings, LP, Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman 4-35HSL (File No. 35272) and Whitman FIU 13-34HSL1 (File No. 38533) section line wells based on their interests in the line wells based on their interests in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field. Signed by, Doug Burgum, Governor Chairman, NDIC 11/20 - 67267

DAWN RENZE HEILI Commission Number: 696125 My Commission Expires 01/31/25

Section: Legals

Category: 5380 Public Notices PUBLISHED ON: 11/20/2023

TOTAL AD COST:

63.20

FILED ON:

11/20/2023

Dunn



### Affidavit of Publication

Liz Prather, being duly sworn, states as follows:

- 1. I am the designated agent, under the provisions and for the purposes of, Section 31-04-06, NDCC, for the newspapers listed on the attached exhibits.
- 2. The newspapers listed on the exhibits published the advertisement of: Oil and Gas Division, Oil and gas, case no 30604, 1 time(s), as required by law or ordinance.
- 3. All of the listed newspapers are legal newspapers in the State of North Dakota and, under the provisions of Section 46-05-01, NDCC, are qualified to publish any public notice or any matter required by law or ordinance to be printed or published in a newspaper in North Dakota.

State of North Dakota

County of Burleigh

Subscribed and sworn to before me this 16<sup>h</sup> day of May, 2024.

SHARON L. PETERSON NOTARY PUBLIC

STATE OF NORTH DAKOTA

MY COMMISSION EXPIRES NOV. 08, 2025

NOTICE OF HEARING
N.D. INDUSTRIAL COMMISSION
OL AND GAS DIVISION
The North Dakota Industrial Commission will hold a public hearing
at 09:00 AM Wednesday, June 05,
2024 at N.D. Oil & Gas Division
1000 East Calgary Avenue Bismarck, North Dakota, At the hearing
the Commission will receive testimony and exhibits. Persons with any interest in the cases listed below, take
notice.

NOTICE OF HEARING

notice. PERSONS WITH DISABILITIES: If

notice.
PERSONS WITH DISABILITIES: If at the hearing you need special facilities or assistance, contact the Oil and Gas Division at 701-328-8038 by Wednesday, May 22, 2024.
STATE OF NORTH DAKOTA TO: Case No. 30604; (Continued) Application of Thurmon Andress, Melissa Sandeler, Julie Sandefer, Lisa Sandefer, Humas Thompson, and Robert Bob Teuwier, MCTAN Holdings, LP, Tejon Exploration, Inc. Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman Filu 13-34HSL1 (File No. 38533) section line wells based on their interests in the unserlying spacing unit consisting of Sections 2. T.146N., R 96W. Dunn Caurity, ND. in the Oakdale Field Signed by, Loug Burgum, Governor Chairman, NDIC (May 8, 2024)



#### AFFIDAVIT OF PUBLICATION

State of Texas, County of Bexar, ss:

Laquansay Nickson Watkins, being first duly sworn, deposes and says: That (s)he is a duly authorized signatory of Column Software, PBC and duly authorized agent of The Bismarck Tribune, and that the publication(s) were made through The Bismarck Tribune on the following dates:

#### PUBLICATION DATES:

May. 8, 2024

NOTICE ID: aELy6asqjplJ4tmk91pP PUBLISHER ID: COL-ND-0069 NOTICE NAME: 6.5.24 Hearing Docket

Publication Fee: \$35.10

(:minous Caguaraay Nickson Watkins

#### VERIFICATION

State of Texas County of Bexar



Robert Hollie III

ID NUMBER 133582194 COMMISSION EXPIRES February 10, 2028

Subscribed in my presence and sworn to before me on this: 05/09/2024

216

Notary Public Electronically signed and notarized online using the Proof platform.

#### NOTICE OF HEARING N.D. INDUSTRIAL COMMISSION OIL AND GAS DIVISION

The North Dakota Industrial Commission will hold a public hearing at 09:00 AM CDT Wednesday, June 05, 2024 at N.D. Oil & Gas Division 1000 East Calgary Avenue Bismarck, North Dakota At the hearing the Commission will receive testimony and exhibits. Persons with any interest in the cases listed below, take notice.

PERSONS WITH DISABILITIES: If at the hearing you need special facilities or assistance, contact the Oil and Gas Division at 701-328-8038 by Wednes-

day, May 22, 2024. STATE OF NORTH DAKOTA TO: Case No. 30604: (Continued) Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP, Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSL1 (File No. 38533) section line wells based on their interests in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field. Signed by,

Doug Burgum, Governor Chairman, NDIC

5/8 - COL-ND-0069

# **Knapp Oil Corporation**

P.O. Box 786 Zip 59270

Sidney, Montana

Business: 406-482-1502 Fax: 406-482-5836

May 29, 2024

RECEIVED

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505



Re:

NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

Director Helms,

Please be advised the undersigned was recently notified of the Application filed in NDIC Case No. 30604 and the relief being sought by the Applicants. I own an oil and gas interest in Section 35, Township 147 North, Range 96 West, and/or Section 2, Township 146 North, Range 96 West. Based on that ownership, I have received my proportionate share of production revenue from the Carson Peak 4-35HSL and/or the Whitman FIU 13-34 HSL1 (the "Section Line Wells") for several years. I understand if the relief requested by the Applicants is granted, I will be required to pay back part of that revenue and will receive less revenue going forward from these Wells.

I am writing to express my opposition to the relief sought in the Application and to object that the Applicants did not notify me that my rights could be impacted by the proceeding. I do not believe there is any basis to deny me my lawful share of production revenue from the Wells based on my oil and gas interest in the spacing unit for those Wells.

Please accept this letter as my official opposition of the relief sought by the Applicants in Case No. 30604, Applicant's failure to notify me of that proceeding so that I may participate therein.

Should you have any questions, please do not hesitate to contact the undersigned.

Very Truly Yours,

David J. Knapp, President

May 22, 2024

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505



Re:

NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

Director Helms,

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Should you have any questions, please do not hesitate to contact the undersigned.

Regards,

Name/Entity Printed

May 22, 2024

MAY 3 1 2024

RECEIVE

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

Re: NDIC Case No. 30604

> Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

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Please be advised the undersigned was recently notified of the Application filed in NDIC Case No. 30604 and the relief being sought by the Applicants. I own an oil and gas interest in Section 35, Township 147 North, Range 96 West, and/or Section 2, Township 146 North, Range 96 West. Based on that ownership, I have received my proportionate share of production revenue from the Carson Peak 4-35HSL and/or the Whitman FIU 13-34 HSL1 (the "Section Line Wells") for several years. I understand if the relief requested by the Applicants is granted, I will be required to pay back part of that revenue and will receive less revenue going forward from these Wells.

I am writing to express my opposition to the relief sought in the Application and to object that the Applicants did not notify me that my rights could be impacted by the proceeding. I do not believe there is any basis to deny me my lawful share of production revenue from the Wells based on my oil and gas interest in the spacing unit for those Wells.

Please accept this letter as my official opposition of the relief sought by the Applicants in Case No. 30604, Applicant's failure to notify me of that proceeding so that I may participate therein.

Should you have any questions, please do not hesitate to contact the undersigned.

Regards,

san Boyeff Robert Boyeff

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505



Re:

NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

Director Helms,

Please be advised the undersigned was recently notified of the Application filed in NDIC Case No. 30604 and the relief being sought by the Applicants. I own an oil and gas interest in Section 35, Township 147 North, Range 96 West, and/or Section 2, Township 146 North, Range 96 West. Based on that ownership, I have received my proportionate share of production revenue from the Carson Peak 4-35HSL and/or the Whitman FIU 13-34 HSL1 (the "Section Line Wells") for several years. I understand if the relief requested by the Applicants is granted, I will be required to pay back part of that revenue and will receive less revenue going forward from these Wells.

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Please accept this letter as my official opposition of the relief sought by the Applicants in Case No. 30604, Applicant's failure to notify me of that proceeding so that I may participate therein.

Should you have any questions, please do not hesitate to contact the undersigned.

Regards,

Name/Entity Printed

May 22, 2024



NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

Re: NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

Director Helms,

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I am writing to express my opposition to the relief sought in the Application and to object that the Applicants did not notify me that my rights could be impacted by the proceeding. I do not believe there is any basis to deny me my lawful share of production revenue from the Wells based on my oil and gas interest in the spacing unit for those Wells.

Please accept this letter as my official opposition of the relief sought by the Applicants in Case No. 30604, Applicant's failure to notify me of that proceeding so that I may participate therein.

Should you have any questions, please do not hesitate to contact the undersigned.

Regards,

Name/Entity Printed

May 22, 2024

RECEIVED

MAY 3 1 2021

May 3 1 2021

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

Re: NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

Director Helms,

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I am writing to express my opposition to the relief sought in the Application and to object that the Applicants did not notify me that my rights could be impacted by the proceeding. I do not believe there is any basis to deny me my lawful share of production revenue from the Wells based on my oil and gas interest in the spacing unit for those Wells.

Please accept this letter as my official opposition of the relief sought by the Applicants in Case No. 30604, Applicant's failure to notify me of that proceeding so that I may participate therein.

Should you have any questions, please do not hesitate to contact the undersigned.

Regards,

Name/Entity Printed

John G. THOMPSON

May 22, 2024

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505



Re: NDIC Case No. 30604

> Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

Director Helms,

Please be advised the undersigned was recently notified of the Application filed in NDIC Case No. 30604 and the relief being sought by the Applicants. I own an oil and gas interest in Section 35, Township 147 North, Range 96 West, and/or Section 2, Township 146 North, Range 96 West. Based on that ownership, I have received my proportionate share of production revenue from the Carson Peak 4-35HSL and/or the Whitman FIU 13-34 HSL1 (the "Section Line Wells") for several years. I understand if the relief requested by the Applicants is granted, I will be required to pay back part of that revenue and will receive less revenue going forward from these Wells.

I am writing to express my opposition to the relief sought in the Application and to object that the Applicants did not notify me that my rights could be impacted by the proceeding. I do not believe there is any basis to deny me my lawful share of production revenue from the Wells based on my oil and gas interest in the spacing unit for those Wells.

Please accept this letter as my official opposition of the relief sought by the Applicants in Case No. 30604, Applicant's failure to notify me of that proceeding so that I may participate therein.

Should you have any questions, please do not hesitate to contact the undersigned.

Regards,

Andy Leer/Leer Resources, Inc. Name/Entity Printed

her der

May 30, 2024

### **BY FEDEX**

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 East Boulevard Avenue Bismarck, North Dakota 58505 RECEIVED

MAY 3 1 2021

N.D. May 3 1 2021

N.D. May 3 1 2021

Re: NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

#### Director Helms:

Please be advised that the undersigned was recently notified of the Application filed in NDIC Case No. 30604 and the relief being sought by the Applicants in that matter. Our mineral trust owns oil and gas interests in Section 35, Township 147 North, Range 96 West, and also in Section 2, Township 146 North, Range 96 West. Based on that ownership, the mineral trust has received a proportionate share of production revenue in the form of royalties from the Carson Peak 4-35HSL and the Whitman FIU 13-34 HSL1 (the "Section Line Wells") for several years. As trustee of the mineral trust, I understand that if the relief requested by the Applicants is granted, the mineral trust will be required to pay back part of those royalties and will receive less royalties going forward from the Section Line Wells.

As trustee, I'm writing to express the mineral trust's opposition to the relief sought in the Application and to object to the Applicants' failure to notify the mineral trust that its rights could be impacted by this proceeding. As trustee, I do not believe that there is any basis to deny the mineral trust its lawful share of the royalties from the Section Line Wells based on the mineral trust's oil and gas interests in the spacing unit for those wells.

Please accept this letter as the mineral trust's official opposition to the relief sought by the Applicants in Case No. 30604.

Please contact me if you have any questions.

Sincerely,

Mark G. Fraase, Trustee

Leonell W. and Gloria V. Fraase Family

Quark M. Troase, Trustee

Mineral Trust

418 Versailles Avenue

Bismarck, North Dakota 58503

Telephone: (701) 258-1687

From: Danso, Bridget Y.
To: Forsberg, Sara L.

**Subject:** FW: Attn: Lynn Helms, NDIC Case No 30604\_signed declaration\_Kulesza

**Date:** Thursday, May 30, 2024 4:55:29 PM

Attachments: NDIC Case #30604 Signed Declaration Kulesza.pdf

From: KURT KULESZA <waterlogged3@comcast.net>

**Sent:** Thursday, May 30, 2024 4:44 PM

To: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>

Subject: Attn: Lynn Helms, NDIC Case No 30604\_signed declaration\_Kulesza

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attachments unless you know they are safe. \*\*\*\*\*

Hello,

Please see attached signed declaration, hearing scheduled for June 5, 2024.

Let me know if you have any questions.

Thank you, Kurt Kulesza 253-797-9785 NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

Re: NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

Director Helms,

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I am writing to express my opposition to the relief sought in the Application and to object that the Applicants did not notify me that my rights could be impacted by the proceeding. I do not believe there is any basis to deny me my lawful share of production revenue from the Wells based on my oil and gas interest in the spacing unit for those Wells.

Please accept this letter as my official opposition of the relief sought by the Applicants in Case No. 30604, Applicant's failure to notify me of that proceeding so that I may participate therein.

Should you have any questions, please do not hesitate to contact the undersigned.

Regards,

Name/Entity Printed

From: Danso, Bridget Y.
To: Forsberg, Sara L.

**Subject:** FW: NDIC Case No. 30604

Date: Thursday, May 30, 2024 4:19:56 PM
Attachments: NDIC Oil & Gas Division (Meyer).jb.pdf

From: Kubik, Bogner, Ridl, & Selinger < kbrslaw@ndsupernet.com>

Sent: Thursday, May 30, 2024 3:13 PM

To: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>

**Cc:** jon <jonbogner@ndsupernet.com>

Subject: NDIC Case No. 30604

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Please see the attached letter regarding the above for Mr. Helms.

Thank you.

Jon Bogner Kubik, Bogner, Ridl & Selinger, PLLP P.O. Box 1173 117 1st Street East Dickinson, ND 58602-1173

Phone: (701) 225-9155

Fax: (701) 225-9157

E-mail: jonbogner@ndsupernet.com

May 30, 2024

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E Blvd. Ave Bismarck, ND 58505

email: oilandgasinfo@nd.gov

Re: NDIC Case No. 30604

Application of Thurmon Address, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells. Dunn County, North Dakota, in the Oakdale Field

#### Director Helms:

Please be advised the undersigned were recently notified of the Application filed in NDIC Case No. 30604 and the relief being sought by the Applicants. We own an oil and gas interest in Section 2, Township 146 North, Range 96 West. Based on the ownership, we have received our proportionate share of production revenue from the Carson Peak 4-35HSL and/or the Whitman FIU 13-34 HSL1 (the "Section Line Wells") for several years. We understand that if the relief requested by the Applicant is granted, we may be required to pay back part of that revenue and will receive less revenue going forward from these Wells.

We are writing to express our opposition to the relief sough in the Application and to object that the Applicants did not notify us that our rights could be impacted by the proceeding. We do not believe that there is any basis to deny us our lawful share of production revenue from the Wells based on our oil and gas interest in the spacing unit for those Wells.

Please accept this letter as our official opposition of the relief sought by the Applicants in Case No. 30604, and also Applicant's failure to notify us of that proceeding so that we may participate therein.

Should you have any questions, please do not hesitate to contact the undersigned.

Thank you.

Shirley and Dean Meyer 4031 Hwy 22 Dickinson, ND 58601 (701) 290-0554 figurefour@msn.com From: Danso, Bridget Y.
To: Forsberg, Sara L.

**Subject:** FW: NDIC Case No. 30604

**Date:** Thursday, May 30, 2024 3:56:21 PM

Attachments: 2024-5-30, NDIC Case No. 30604, MG Inc. Notice of LL wells at risk Carson Peak 4-35HSL AND Whitman FIU 13-

34HSL1 Dunn Co (SIgned JG).pdf

From: klbonnet-estateofmikegolden@centurylink.net <klbonnet-

estateofmikegolden@centurylink.net>
Sent: Thursday, May 30, 2024 3:21 PM
To: Danso, Bridget Y. <bydanso@nd.gov>
Subject: FW: NDIC Case No. 30604

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attachments unless you know they are safe. \*\*\*\*\*

Ms. Danso:

I attached the signed letter from a member of the board of Mike Golden Inc. I thought it might save you time to have it at hand and more fully understand the message that I left on your phone.

The hearing is imminent, and we thought you would want as much time as possible.

We look forward to hearing from you this afternoon, if possible, so we can proceed with potential mitigation to the object of this case...take the interest of an owner in current Lease Line wells.

Sincerely,

Karen Bonnet

## Estate of Mike Golden and Mike Golden Inc.

P.O. Box 2734 Bismarck, ND 58502

PH: 701-221-2774

From: klbonnet-estateofmikegolden@centurylink.net <klbonnet-

estateofmikegolden@centurylink.net>
Sent: Thursday, May 30, 2024 2:58 PM
To: 'Danso, Bridget Y.' < bydanso@nd.gov>

Subject: NDIC Case No. 30604

North Dakota Industrial Commission

Bridget Y. Danso 600 E. Boulevard Ave.

RE: NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider

the Allocation of Production to Them

from the Carson Peak 4-35HSL and Whitman FIU

13-34HSL1 Section Line Wells,

Dunn Co., ND, in the Oakdale Field

Dear Ms. Danso:

I spoke to Kelly at your office a few minutes ago. I work for the businesses below. We just received a notice today of the pending hearing as noted above, for next WEDNESDAY, June 5. A member of the board of Mike Golden Inc. has signed a letter regarding this case to send to Mr. Helms so he has time to review it before the hearing, and scanned it back to me at the office.

Can I e-mail that to you so that you and Mr. Helms can review it, or do you need the original? If you need the original, I think it can be overnighted to get here. The signatory, Jack Golden, lives in Vermont and is working in Missouri at this time.

We look forward to your assistance and input in this matter.

Karen Bonnet

**Estate of Mike Golden and Mike Golden Inc.** P.O. Box 2734

Bismarck, ND 58502

PH: 701-221-2774

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

Re: NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

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Please accept this letter as my official opposition of the relief sought by the Applicants in Case No. 30604, Applicant's failure to notify me of that proceeding so that I may participate therein.

Should you have any questions, please do not hesitate to contact the undersigned.

Regards,

Jack Golden/ Mike Golden Inc

Name/Entity Printed

From: <u>Danso, Bridget Y.</u>

To: <u>Forsberg, Sara L.</u>; <u>Bohrer, Mark F.</u>

Cc: Helms, Lynn D.

**Subject:** FW: NDIC Case No. 30604

Date: Thursday, May 30, 2024 1:49:01 PM
Attachments: NDIC Oil & Gas Division (Kling).ib.pdf

From: Kubik, Bogner, Ridl, & Selinger < kbrslaw@ndsupernet.com>

**Sent:** Thursday, May 30, 2024 1:47 PM

To: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>

**Cc:** jon <jonbogner@ndsupernet.com>

Subject: NDIC Case No. 30604

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attachments unless you know they are safe. \*\*\*\*\*

Please see the attached letter regarding the above for Mr. Helms.

Thank you.

Jon Bogner Kubik, Bogner, Ridl & Selinger, PLLP P.O. Box 1173 117 1st Street East

Dickinson, ND 58602-1173 Phone: (701) 225-9155

Fax: (701) 225-9157

E-mail: jonbogner@ndsupernet.com

May 30, 2024

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E Blvd. Ave Bismarck, ND 58505

email: oilandgasinfo@nd.gov

Re: NDIC Case No. 30604

Application of Thurmon Address, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells. Dunn County, North Dakota, in the Oakdale Field

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Please accept this letter as our official opposition of the relief sought by the Applicants in Case No. 30604, and also Applicant's failure to notify us of that proceeding so that we may participate therein.

Should you have any questions, please do not hesitate to contact the undersigned.

Thank you.

Colleen Murphy & Daryl Kling
Co-Trustees of the Murphy Kling Mineral & Land Trust
11010 3rd St NW
Killdeer, ND 58640
(701) 260-3146
cmurphy@ndsupernet.com

From: <u>Danso, Bridget Y.</u>

To: <u>Forsberg, Sara L.</u>; <u>Bohrer, Mark F.</u>

Cc: Helms, Lynn D.

**Subject:** FW: NDIC Case No. 30604

Date: Thursday, May 30, 2024 1:48:37 PM
Attachments: NDIC Oil & Gas Division (Hansen).ib.pdf

From: Kubik, Bogner, Ridl, & Selinger < kbrslaw@ndsupernet.com>

Sent: Thursday, May 30, 2024 1:45 PM

To: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>

**Cc:** jon <jonbogner@ndsupernet.com>

Subject: NDIC Case No. 30604

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Please see the attached letter regarding the above for Mr. Helms.

Thank you.

Jon Bogner Kubik, Bogner, Ridl & Selinger, PLLP P.O. Box 1173 117 1st Street East

Dickinson, ND 58602-1173

Phone: (701) 225-9155 Fax: (701) 225-9157

E-mail: jonbogner@ndsupernet.com

May 30, 2024

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E Blvd. Ave Bismarck, ND 58505

email: oilandgasinfo@nd.gov

Re: NDIC Case No. 30604

Application of Thurmon Address, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells. Dunn County, North Dakota, in the Oakdale Field

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Should you have any questions, please do not hesitate to contact the undersigned.

Thank you.

Robert J. & Rose Hansen Co-Trustees of the Robert J. & Rose Hansen Family Mineral Trust 4025 Hwy 22 Dickinson, ND 58601 (701) 590-3161 hansenhorses@msn.com 
 From:
 Forsberg, Sara L.

 To:
 Kneavel, Ashley M.

 Subject:
 FW: NDIC Case No. 30604

Date: Thursday, May 30, 2024 1:05:29 PM
Attachments: NDIC Oil & Gas Division (Goodall).jb.pdf

From: Danso, Bridget Y. <bydanso@nd.gov> Sent: Thursday, May 30, 2024 11:28 AM

To: Forsberg, Sara L. <slforsberg@nd.gov>; Bohrer, Mark F. <mbohrer@nd.gov>

**Cc:** Helms, Lynn D. <a href="mailto:clims@nd.gov">clims@nd.gov</a> **Subject:** FW: NDIC Case No. 30604

From: Kubik, Bogner, Ridl, & Selinger < <a href="mailto:kbrslaw@ndsupernet.com">kbrslaw@ndsupernet.com</a>>

Sent: Thursday, May 30, 2024 11:13 AM

**To:** -Info-Oil & Gas Division < <u>oilandgasinfo@nd.gov</u>>

**Cc:** jon <<u>jonbogner@ndsupernet.com</u>>

Subject: NDIC Case No. 30604

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, ,

Please see the attached letter regarding the above for Mr. Helms.

Thank you.

Jon Bogner Kubik, Bogner, Ridl & Selinger, PLLP P.O. Box 1173 117 1st Street East Dickinson, ND 58602-1173

Phone: (701) 225-9155 Fax: (701) 225-9157

E-mail: jonbogner@ndsupernet.com

May 30, 2024

NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E Blvd. Ave Bismarck, ND 58505

email: oilandgasinfo@nd.gov

Re: NDIC Case No. 30604

Application of Thurmon Address, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells. Dunn County, North Dakota, in the Oakdale Field

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Please accept this letter as our official opposition of the relief sought by the Applicants in Case No. 30604, and also Applicant's failure to notify us of that proceeding so that we may participate therein.

Should you have any questions, please do not hesitate to contact the undersigned.

Thank you.

Patricia J. Goodall Stephen P. Goodall 1440 West High St. Dickinson, ND 58601 (701) 260-3012 sgoodall@ndsupernet.com From: Forsberg, Sara L.

To: Kneavel, Ashley M.

**Subject:** FW: Vitesse Energy Letter of Support - NDIC Case 30604

**Date:** Thursday, May 30, 2024 1:05:25 PM

Attachments: image003.png

NDIC 30604 Letter of Support for CLR 5.29.24.pdf

**From:** Danso, Bridget Y. <bydanso@nd.gov> **Sent:** Thursday, May 30, 2024 10:04 AM **To:** Forsberg, Sara L. <slforsberg@nd.gov>

Subject: FW: Vitesse Energy Letter of Support - NDIC Case 30604

From: David Nakon < davidnakon@vitesse-vts.com>

**Sent:** Thursday, May 30, 2024 9:58 AM

**To:** Sagsveen, Matthew A. <<u>masagsve@nd.gov</u>> **Cc:** -Info-Oil & Gas Division <<u>oilandgasinfo@nd.gov</u>>

Subject: Vitesse Energy Letter of Support - NDIC Case 30604

Some people who received this message don't often get email from <a href="mailto:davidnakon@vitesse-vts.com">davidnakon@vitesse-vts.com</a>. Learn why this is <a href="mailto:important">important</a>

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Mr. Sagsveen,

My name is Dave Nakon, and I am a landman with Vitesse Energy, which owns an oil and gas interest under the wells subject to NDIC Case Number 30604. Attached is Vitesse's letter of support for Continental Resources, Inc., opposing applicant's request for relief. I've also sent the original Letter of Support to the attention of Lynn Helms via FedEx shipment 7766 2054 6637. Thank you for your consideration in this matter.

Sincerely,

Dave

David C. Nakon Landman



Mobile: 720 370-9701

9200 E Mineral Avenue, Suite 200

Centennial, CO 80112 https://vitesse-vts.com NDIC Oil & Gas Division Attn: Lynn D. Helms, Director 600 E. Boulevard Ave. Bismarck, ND 58505

Re: NDIC Case No. 30604

Application of Thurmon Andress, et al. to Consider the Allocation of Production to Them from the Carson Peak 4-35HSL and Whitman FIU 13-34 HSL1 Section Line Wells, Dunn County, North Dakota, in the Oakdale Field

Director Helms.

Please be advised the undersigned was recently notified of the Application filed in NDIC Case No. 30604 and the relief being sought by the Applicants. I own an oil and gas interest in Section 35, Township 147 North, Range 96 West, and/or Section 2, Township 146 North, Range 96 West. Based on that ownership, I have received my proportionate share of production revenue from the Carson Peak 4-35HSL and/or the Whitman FIU 13-34 HSL1 (the "Section Line Wells") for several years. I understand if the relief requested by the Applicants is granted, I will be required to pay back part of that revenue and will receive less revenue going forward from these Wells.

I am writing to express my opposition to the relief sought in the Application and to object that the Applicants did not notify me that my rights could be impacted by the proceeding. I do not believe there is any basis to deny me my lawful share of production revenue from the Wells based on my oil and gas interest in the spacing unit for those Wells.

Please accept this letter as my official opposition of the relief sought by the Applicants in Case No. 30604, Applicant's failure to notify me of that proceeding so that I may participate therein.

Should you have any questions, please do not hesitate to contact the undersigned.

Regards,

Name/Entity Printed

LATT OLSON, VP-MERGERS AND ACQUISITIONS

From: Coutts, Denise R.

To: <u>Joshua A. Swanson; david.bengston@stinson.com; rob.forward@stinson.com</u>

Cc: Forsberg, Sara L.; Sagsveen, Matthew A.; Helm, Kerrie L.

**Subject:** NDIC Case No. 30604

Date: Friday, February 16, 2024 10:50:45 AM
Attachments: Order Granting Motion to Stay and DOS.pdf

#### Counsel,

Please find attached an Order Granting Motion to Stay and Continuance and Unsworn Declaration of Service by Electronic Mail and Retention of Documents.

Thank you,

Denise Coutts Legal Administrative Assistant North Dakota Office of Attorney General 500 North 9th Street Bismarck, ND 58501-4509 Telephone: (701) 328-3640

### BEFORE THE INDUSTRIAL COMMISSION

#### OF THE STATE OF NORTH DAKOTA

CASE NO. 30604

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

#### ORDER GRANTING MOTION TO STAY AND CONTINUANCE

- (1) This case came on for hearing on the motion to stay at 9:00 a.m. on the 12th day of February, 2024.
- (2) The Applicants are seeking an order of the Commission in the Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, Township 147 North, Range 96 West, and Section 2, Township 146 North, Range 96 West, Dunn County, North Dakota, in the Oakdale Field (the "Application").
- (3) On December 4, 2023, Continental Resources, Inc. ("Continental") filed a motion to dismiss the Application alleging, among other things, that the Commission lacks subject matter jurisdiction to grant the relief sought in the Application.
- (4) On February 1, 2024, Continental filed a motion to stay this matter pending a decision by the North Dakota Supreme Court in the case of *Garaas v. Petro-Hunt, L.L.C.*, N.D. Sup. Ct. 20230200 (filed June 20, 2023), which may address whether the Commission has jurisdiction to address the matters raised in the Application.
- (5) Continental and the Applicants presented oral argument on the motion before the Commission. During oral argument counsel for the Applicants agreed that it would be prudent to stay all aspects of this matter pending a decision in *Garaas*.
- (6) The Commission agrees that a ruling on Continental's Motion to Dismiss or the Application prior to a decision from the North Dakota Supreme Court in the *Garaas* appeal could result in inconsistent rulings between the Commission and the North Dakota Supreme Court.

(7) This matter should be stayed pending the Court's decision in *Garaas*.

## IT IS THEREFORE ORDERED:

- (1) This matter is hereby stayed and continued until further order of the Commission.
- (2) The hearing in this matter, if warranted, will be held after proper notice.

Dated this 16th day of February, 2024.

Matthew Sagsveen

North Dakota Industrial Commission

Hearing Examiner

# BEFORE THE NORTH DAKOTA INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

CASE NO. 30604

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

# UNSWORN DECLARATION OF SERVICE BY ELECTRONIC MAIL AND RETENTION OF DOCUMENTS

- [¶1] Denise Coutts states as follows:
- [¶2] I am of legal age and on the 16<sup>th</sup> day of February, 2024, I served the following document: **ORDER GRANTING MOTION TO STAY AND CONTINUANCE** upon the following by electronic mail as follows:

Joshua A. Swanson — <u>jswanson@vogellaw.com;</u> David E. Bengston — <u>david.bengtson@stinson.com;</u> Robin Wade Forward — rob.forward@stinson.com;

- [¶3] The original documents shall be retained at the North Dakota Department of Mineral Resources, 1016 East Calgary Avenue Bismarck, North Dakota, 58503.
- [¶4] I declare, under penalty of perjury under the law of North Dakota, that the foregoing is true and correct.

Signed on the \\display of February, 2024, at Bismarck, North Dakota, United States.

Jenise Coutts

From: <u>Joshua A. Swanson</u>

To: Sagsveen, Matthew A.; "Forward, Robin Wade"; Forsberg, Sara L.; Tracy A. Ottum

Cc: Bengtson, David; "jparrot@bwenergylaw.com"; "jhaseman@bwenergylaw.com"; Helm, Kerrie L.

Subject: NDIC Case No. 30604 / Andress Sandefer"s Response Brief on Continental"s Motion to Stay

**Date:** Monday, February 5, 2024 4:26:47 PM

Attachments: VOGEL-#5335439-v1-Andress Sandefer Response to Continental s Motion to Stay.PDF

\*\*\*\*\* **CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe. \*\*\*\*\*

Dear Commission,

Please find attached Petitioners' formal Response Opposing Continental Resources, Inc's., Motion to Stay. Petitioners' Response is being simultaneously served on opposing counsel.

If there are any issues opening the attached Response Brief, please let me know. Thank you.

Joshua A. Swanson | Attorney
T: 701.237.6983 | F: 701.356.6395
vogellaw.com | iswanson@vogellaw.com

**From:** Sagsveen, Matthew A. <masagsve@nd.gov>

Sent: Monday, February 5, 2024 9:44 AM

**To:** Joshua A. Swanson < jswanson@vogellaw.com>; 'Forward, Robin Wade' < Rob.Forward@stinson.com>; Forsberg, Sara L. < slforsberg@nd.gov>

**Cc:** Bengtson, David <david.bengtson@stinson.com>; 'jparrot@bwenergylaw.com'

<jparrot@bwenergylaw.com>; 'jhaseman@bwenergylaw.com' <jhaseman@bwenergylaw.com>; Helm, Kerrie L.
<khelm@nd.gov>

Subject: RE: NDIC Case No. 30604 / Andress Sandefer's Objection To Staying February 13 hearing

Mr. Swanson,

Yes, my intent is for the parties to argue both motions on February 13.

Matthew Sagsveen Hearing Examiner

From: Joshua A. Swanson < iswanson@vogellaw.com>

Sent: Monday, February 5, 2024 9:40 AM

To: Sagsveen, Matthew A. <<u>masagsve@nd.gov</u>>; 'Forward, Robin Wade' <<u>Rob.Forward@stinson.com</u>>;

Forsberg, Sara L. <slforsberg@nd.gov>

**Cc:** Bengtson, David <<u>david.bengtson@stinson.com</u>>; 'jparrot@bwenergylaw.com'

<jparrot@bwenergylaw.com'>; 'jhaseman@bwenergylaw.com' <jhaseman@bwenergylaw.com'>; Helm, Kerrie L.
<khelm@nd.gov>

Subject: RE: NDIC Case No. 30604 / Andress Sandefer's Objection To Staying February 13 hearing

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Matt,

Will the parties also be allowed to argue Continental's motion to dismiss as previously scheduled for February 13. Thus, the two issues before the Commission on February 13 will be argument on: (1) Continental's Motion to Stay; and (2) Continental's Motion to Dismiss.

Thank you,

Joshua A. Swanson | Attorney
T: 701.237.6983 | F: 701.356.6395
vogellaw.com | jswanson@vogellaw.com

From: Sagsveen, Matthew A. < masagsve@nd.gov>

Sent: Monday, February 5, 2024 9:34 AM

**To:** Joshua A. Swanson < <u>iswanson@vogellaw.com</u>>; 'Forward, Robin Wade' < <u>Rob.Forward@stinson.com</u>>; Forsberg, Sara L. < <u>slforsberg@nd.gov</u>>

**Cc:** Bengtson, David <<u>david.bengtson@stinson.com</u>>; 'jparrot@bwenergylaw.com'

<iparrot@bwenergylaw.com>; 'jhaseman@bwenergylaw.com' <jhaseman@bwenergylaw.com>; Helm, Kerrie L.
<khelm@nd.gov>

Subject: RE: NDIC Case No. 30604 / Andress Sandefer's Objection To Staying February 13 hearing

#### Counsel,

The Commission acknowledges receipt of Continental's Motion to Stay, and Mr. Swanson's informal opposition to the Motion; formal opposition will follow. Due to the timing of Continental's Motion to Stay, the Commission will hold oral arguments on Continental's new Motion on February 13. Also note, the February 13 hearing is not intended to be an evidentiary hearing.

Matthew Sagsveen Hearing Examiner

From: Joshua A. Swanson < <u>iswanson@vogellaw.com</u>>

Sent: Monday, February 5, 2024 8:58 AM

To: 'Forward, Robin Wade' < <a href="mailto:Rob.Forward@stinson.com">Robin Wade' < <a href="mailto:Rob.Forward@stinson.com">Robin Wade' < <a href="mailto:Rob.Forward@stinson.com">Rob.Forward@stinson.com</a>; Forsberg, Sara L. < <a href="mailto:slife">slife</a>; Sara L. < <a href="mailto:slife">slife</a>; Forsberg, Sara L. < <a href="mailto:slife">slife</a>; Forsberg, Sara L. < < <a href="mailto:slife">slife</a>; Forsberg, Sara L. < < <a href="mailto:slife">slife</a>; Forsberg, Sara L. < < < a href="mailto:slife">slife</a>; Forsberg, Sara L. < a href="mailto:slife">slife</a>; F

**Cc:** Bengtson, David <<u>david.bengtson@stinson.com</u>>; 'jparrot@bwenergylaw.com'

<iparrot@bwenergylaw.com>; 'jhaseman@bwenergylaw.com' <jhaseman@bwenergylaw.com>; Sagsveen,

Matthew A. <masagsve@nd.gov>; Helm, Kerrie L. <khelm@nd.gov>

Subject: NDIC Case No. 30604 / Andress Sandefer's Objection To Staying February 13 hearing

\*\*\*\*\* **CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe. \*\*\*\*\*

Dear Commission,

The Petitioners, Andress Sandefer et al., oppose Continental's untimely motion for stay pending the outcome of Garaas et al. v. Petro-Hunt, Supreme Court No. 20230200. As Continental filed its motion on Thursday February 1, Andress Sandefer does not have 14 days under Rule 3.2 to file a response as the date set for hearing in this matter is February 13. Notwithstanding, Andress Sandefer will be filing a formal brief in opposition later today.

Continental filed its motion to dismiss asserting that the Commission does not have jurisdiction on December

4. This was a month <u>after</u> the Supreme Court heard argument in Garaas on November 3. Notwithstanding, Continental did not move for a stay on December 4, nor assert the Garaas case as a basis to stay this matter at that time. Nor did Continental raise Garaas in its January 8 Reply Brief in Support of its Motion to Dismiss.

Instead, Continental waited until February 1, after the parties fully briefed Continental's motion, and after the parties e-mailed numerous times about the hearing date, before raising the issue. My clients have already booked their flights and hotel rooms to North Dakota for the February 13 hearing. There is no justifiable reason for Continental waiting until 12 days before the hearing – which took some effort to schedule with Continental's prior counsel – to ask for a stay. At a minimum, this late motion to stay prejudices Andress Sandefer because their flights and hotel rooms are nonrefundable at this point. If the Commission is inclined to stay this case pending the outcome in Garaas, the Commission should order that Continental is liable for Petitioners' costs – specifically, their flight and hotel costs – that they have incurred for the February 13 hearing.

While Andress Sandefer will be filing a formal response opposing Continental's late motion to stay today, Andress Sandefer requests the hearing scheduled for February 13 go forward. If there is a decision in Garaas before the hearing, the parties can take that up at the hearing on February 13. If there is not a decision in Garaas by that time, the parties can also address potential outcomes in Garaas at the February 13 hearing. The Commission can hear argument on February 13, and then wait to issue its decision pending the outcome in Garaas. It's worth noting, that in Garaas, the District Court dismissed petitioners Complaint because they failed to exhaust their administrative remedies by first bringing the matter to the Commission.

Petro Hunt describes the issue as such to the Supreme Court:

"[¶1] Whether the District Court correctly concluded that it lacked subject matter jurisdiction because Appellants failed to exhaust their administrative remedies before the North Dakota Industrial Commission.

[¶2] This appeal presents a limited question to which this Court alluded in Dominek v. Equinor Energy L.P., 2022 ND 211, ¶ 17, 982 N.W.2d 303—whether a party who disputes the proper allocation of production from an oil and gas well must exhaust their available administrative remedies at the North Dakota Industrial Commission before bringing suit based upon that disputed allocation. The District Court concluded that Plaintiffs Appellants Jonathan T. Garaas and David Garaas, in their various trustee capacities (collectively "Appellants"), were required to exhaust their administrative remedies before suing Defendant-Appellee Petro-Hunt, L.L.C. ("Petro-Hunt"). That is the same conclusion that the federal district court reached after this Court rendered its decision in Dominek. See Dominek v. Equinor Energy L.P., Case No. 1:19-cv-288, 2023 WL 3742825 (D.N.D. May 31, 2023); see also R.31. These courts held that exhaustion is necessary because allocating production involves complicated and technical issues, many of which the Industrial Commission's amicus brief in the Dominek litigation outlined. See R.20. Because of the multiple substantive issues raised in this appeal, oral argument would be helpful."

Petro Hunt Appellee's Brief to Supreme Court, Case No. 20230200 at  $\P\P$  1 – 2.

If you have any questions, please let me know. If the Commission is satisfied with this email as Andress Sandefer's Response to Continental's Motion for Stay, please let me know, and I will not file a separate brief. If the Commission would like a formal brief responding with Andress Sandfer's objection to the stay, please let me know, and I will file that today.

**From:** Forward, Robin Wade <<u>Rob.Forward@stinson.com</u>>

**Sent:** Thursday, February 1, 2024 9:08 PM **To:** Forsberg, Sara L. <<u>slforsberg@nd.gov</u>>

Cc: Joshua A. Swanson < iswanson@vogellaw.com >; Bengtson, David < david.bengtson@stinson.com >;

'jparrot@bwenergylaw.com' <<u>iparrot@bwenergylaw.com</u>>; 'jhaseman@bwenergylaw.com'

<<u>ihaseman@bwenergylaw.com</u>>; 'masagsve@nd.gov' <<u>masagsve@nd.gov</u>>; Helm, Kerrie L. <<u>khelm@nd.gov</u>>

Subject: NDIC Case No. 30604

#### Ms. Forsberg,

The following are attached for filing in NDIC Case No. 30604:

- 1. Withdrawal of Counsel and Entry of Appearance;
- 2. Continental Resource's Motion to Stay.

#### Mr. Sagsveen,

Continental Resources requests an oral argument on the Motion to Stay and that it take place on February 13, 2024, during the hearing that has already been scheduled for oral argument on Continental Resource's Motion to Dismiss.

Thank you.

#### **Robin Wade Forward**

Partner

#### STINSON LLP

424 South Third Street, Suite 206 Bismarck, ND 58504

Direct: 701.221.8603 \ Mobile: 701.426.9365 \ Bio

Assistant: MPL.LSSTeam2@stinson.com \ 612.335.1966

#### STINSON.COM

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# BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS, MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON. **ROBERT** "BOB" FULWILER, HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT, TO **CONSIDER** ALLOCATION **OF** PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT CONSISTING OF SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 **WEST** SECTION AND TOWNSHIP 146 NORTH, RANGE 96 WEST. DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

PETITIONERS'
RESPONSE OPPOSING
CONTINENTAL RESOURCES, INC.'S
MOTION TO STAY

# PETITIONERS' RESPONSE OPPOSING CONTINENTAL RESOURCES, INC.'S MOTION TO STAY

[¶1] The Petitioners ("Andress Sandefer") oppose Continental Resources, Inc.'s ("Continental"), Motion to Stay this matter. Andress Sandefer seeks an Order from the Commission requiring Continental to allocate production from the Overlapping Spacing Unit to the Underlying Spacing Unit as related to the two lease-line wells in question, the Carson Peak 4 Well (NDIC No. 35272) and Whitman FIU 13 Well (NDIC No. 38533). The reasons for this were previously stated in Petitioners' Application to the Commission, their Response to Continental's Motion to Dismiss, and in Petitioners' Pre-Hearing Brief. While Andress Sandefer will not repeat those arguments herein, it is undisputed that the parties have already fully briefed the question of whether the Commission has jurisdiction over Andress Sandefer's claim. Andress Sandefer also

notes that its argument regarding the basis for the Commission's jurisdiction, and the relief that it seeks, mirror the position taken by Petro-Hunt, L.L.C., in Case No. 29902.

- [¶2] The hearing set for Continental's Motion to Dismiss is February 13, 2024. On the evening of Thursday February 1, Continental filed its Notice of Withdrawal of Counsel and Entry of Appearance of Substituted Counsel, and Motion to Stay. On the morning of Monday February 5, Andress Sandefer e-mailed the Commission opposing Continental's Motion to Stay, indicating that a formal response brief would be forthcoming the same day.
- [¶3] In its Motion to Stay, Continental fails to note that the Commission's stay in Case No. 29902 was not indefinite, nor contingent on the Supreme Court's decision in <u>Garaas et al. v. Petro-Hunt</u>, Supreme Court No. 20230200. On April 25, 2023, Case No. 29902 was continued for ninety (90) days or until further order of the Commission via Order No. 32507. As applied here, the reasons for the 90-day continuance were both resolved in Andress Sandefer's favor and against Continental.
- [¶4] In Order No. 35207, the Commission indicated it was continuing the matter for 90 days, or until further order, because of Petro-Hunt's then-pending motion to dismiss the state court action between the Garaas Trust and Petro-Hunt, McKenzie County Case No. 27-2023-cv-00065, and Equinor's then-pending motion to dismiss in <u>Dominek v. Equinor</u>, Case No. 1:19-cv-00288.
  - (5) Petro-Hunt and the Trusts both provided testimony regarding pending litigation venued in McKenzie County District Court regarding the same issues raised in this Application and there is currently a pending motion in that case in which Petro-Hunt seeks dismissal of the action for failure to exhaust administrative remedies. The Commission believes making a ruling on this matter prior to a determination from the district court on said motion would be premature and could result in inconsistent rulings between the Commission and the district court.
  - (6) The Commission is also aware of similar issues currently being litigated in a case currently before the United States District Court for the District of North Dakota. See Dominek v. Equinor, Case No. 1:19-cv-288. The Commission has filed an amicus curiae brief with the North Dakota Supreme Court regarding a certified question of state law

regarding the similar issues as raised in this matter, which Petro-Hunt referred to at the March 22, 2023 hearing. Again, as the appropriate venue for resolution of these matters is currently being considered in these cases, it would be premature for the Commission to make a determination at this time.

As noted by Petro-Hunt in its June 20, 2023, letter to the Commission in Case No. 29902, and Andress Sandefer's Response to Continental's Motion to Dismiss, Judge Hovland dismissed plaintiffs' claims in United States District Court because they failed to exhaust their administrative remedies.

"On June 1, 2023, I wrote the Commission concerning Judge Hovland's order dismissing the Dominek litigation because the plaintiffs failed to exhaust their administrative remedies at the Commission. Early today, Judge Schmidt adopted Judge Hovland's reasoning and ordered that the McKenzie County District Court litigation between the parties be dismissed. ...."

June 20, 2023, Petro-Hunt Letter to Commission, Case No. 29902. See also Andress Sandefer Response to Continental's Motion to Dismiss at ¶ 11 (quoting Dominek, 2023 WL 3742825, at \*4 – 5, where Judge Hovland explained, "The Court has no doubt the Plaintiffs' claims are subject to the jurisdiction of the Industrial Commission as the North Dakota Supreme Court has repeatedly emphasized that Chapter 38–08 of the North Dakota Century Code grants the Industrial Commission broad authority to regulate oil and gas development.")

[¶5] Andress Sandefer and Petro Hunt's claims mirror each other, both seeking confirmation as to the allocation of production pursuant to N.D.C.C. § 38-08-08(1) and prior Commission Orders, from overlapping spacing units to underlying spacing units, to protect correlative rights and prevent waste. See e.g., Applicant Petro-Hunt, L.L.C.'s Post-Hearing Response Brief, Case No. 29902, at ¶ 26 (stating, "The Commission's extremely broad and continuing authority under N.D.C.C. § 38-08-04 provides the Commission with express authority to resolve the parties' dispute concerning how to properly allocate production from the USA Well. ... USA Well production must be allocated to Section 20 owners to protect the correlative rights of all owners,

just as the Commission has repeatedly guided. The Commissions should grant the relief

requested.") Like Andress Sandefer, Petro-Hunt also cited and relied upon the Commission's

amicus brief in the Dominek case. See Petro-Hunt Exhibit No. L-4 from the March 22, 2023,

hearing in Case No. 29902.

[¶6] While, to date, the Commission has not issued its decision in Case No. 29902, the

Commission held a hearing on March 22, 2023. Order No. 32507 at ¶ 1. As the determinative

issue in the instant matter regarding the allocation of production from an overlapping spacing unit

to an underlying spacing unit mirrors the issue in Petro-Hunt's Application in Case No. 29902, the

Commission should proceed with the February 13, 2024, hearing on Continental's pending

motions. Should the Commission issue a decision in Case No. 29902, or the Supreme Court issue

a decision in Garaas et al. v. Petro-Hunt, Supreme Court No. 20230200, before February 13, the

parties can argue the impact of such decisions during the time allotted for hearing in this matter on

February 13, and submit post-hearing briefing on the same if necessary.

Dated this 5<sup>th</sup> day of February, 2024.

**VOGEL LAW FIRM** 

/s/ Joshua A. Swanson

BY: Joshua A. Swanson (#06788)

218 NP Avenue

PO Box 1389

Fargo, ND 58107-1389

Telephone: 701.237.6983

Email: jswanson@vogellaw.com

ATTORNEYS FOR PETITIONERS

5335068.1

4

From: Sagsveen, Matthew A.

To: <u>Joshua A. Swanson; "Forward, Robin Wade"; Forsberg, Sara L.</u>

Cc: Bengtson, David; "jparrot@bwenergylaw.com"; "jhaseman@bwenergylaw.com"; Helm, Kerrie L.

Subject: RE: NDIC Case No. 30604 / Andress Sandefer"s Objection To Staying February 13 hearing

**Date:** Monday, February 5, 2024 9:44:01 AM

Mr. Swanson,

Yes, my intent is for the parties to argue both motions on February 13.

Matthew Sagsveen Hearing Examiner

From: Joshua A. Swanson < jswanson@vogellaw.com>

Sent: Monday, February 5, 2024 9:40 AM

**To:** Sagsveen, Matthew A. <masagsve@nd.gov>; 'Forward, Robin Wade' <Rob.Forward@stinson.com>; Forsberg, Sara L. <slforsberg@nd.gov>

Cc: Bengtson, David <david.bengtson@stinson.com>; 'jparrot@bwenergylaw.com'

<jparrot@bwenergylaw.com>; 'jhaseman@bwenergylaw.com' <jhaseman@bwenergylaw.com>; Helm, Kerrie L.
<khelm@nd.gov>

Subject: RE: NDIC Case No. 30604 / Andress Sandefer's Objection To Staying February 13 hearing

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Matt,

Will the parties also be allowed to argue Continental's motion to dismiss as previously scheduled for February 13. Thus, the two issues before the Commission on February 13 will be argument on: (1) Continental's Motion to Stay; and (2) Continental's Motion to Dismiss.

Thank you,

Joshua A. Swanson | Attorney
T: 701.237.6983 | F: 701.356.6395
vogellaw.com | jswanson@vogellaw.com

From: Sagsveen, Matthew A. <masagsve@nd.gov>

Sent: Monday, February 5, 2024 9:34 AM

**To:** Joshua A. Swanson <<u>jswanson@vogellaw.com</u>>; 'Forward, Robin Wade' <<u>Rob.Forward@stinson.com</u>>; Forsberg, Sara L. <<u>slforsberg@nd.gov</u>>

**Cc:** Bengtson, David <<u>david.bengtson@stinson.com</u>>; 'jparrot@bwenergylaw.com'

<jparrot@bwenergylaw.com>; 'jhaseman@bwenergylaw.com' <jhaseman@bwenergylaw.com>; Helm, Kerrie L.
<khelm@nd.gov>

Subject: RE: NDIC Case No. 30604 / Andress Sandefer's Objection To Staying February 13 hearing

#### Counsel,

The Commission acknowledges receipt of Continental's Motion to Stay, and Mr. Swanson's informal opposition to the Motion; formal opposition will follow. Due to the timing of Continental's Motion to Stay, the Commission will hold oral arguments on Continental's new Motion on February 13. Also note, the February 13 hearing is not

intended to be an evidentiary hearing.

Matthew Sagsveen Hearing Examiner

From: Joshua A. Swanson < jswanson@vogellaw.com>

**Sent:** Monday, February 5, 2024 8:58 AM

To: 'Forward, Robin Wade' <<u>Rob.Forward@stinson.com</u>>; Forsberg, Sara L. <<u>slforsberg@nd.gov</u>>

**Cc:** Bengtson, David <<u>david.bengtson@stinson.com</u>>; 'jparrot@bwenergylaw.com'

<iparrot@bwenergylaw.com>; 'jhaseman@bwenergylaw.com' <jhaseman@bwenergylaw.com>; Sagsveen,

Matthew A. <masagsve@nd.gov>; Helm, Kerrie L. <khelm@nd.gov>

Subject: NDIC Case No. 30604 / Andress Sandefer's Objection To Staying February 13 hearing

\*\*\*\*\* **CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe. \*\*\*\*\*

Dear Commission,

The Petitioners, Andress Sandefer et al., oppose Continental's untimely motion for stay pending the outcome of Garaas et al. v. Petro-Hunt, Supreme Court No. 20230200. As Continental filed its motion on Thursday February 1, Andress Sandefer does not have 14 days under Rule 3.2 to file a response as the date set for hearing in this matter is February 13. Notwithstanding, Andress Sandefer will be filing a formal brief in opposition later today.

Continental filed its motion to dismiss asserting that the Commission does not have jurisdiction on December 4. This was a month <u>after</u> the Supreme Court heard argument in Garaas on November 3. Notwithstanding, Continental did not move for a stay on December 4, nor assert the Garaas case as a basis to stay this matter at that time. Nor did Continental raise Garaas in its January 8 Reply Brief in Support of its Motion to Dismiss.

Instead, Continental waited until February 1, after the parties fully briefed Continental's motion, and after the parties e-mailed numerous times about the hearing date, before raising the issue. My clients have already booked their flights and hotel rooms to North Dakota for the February 13 hearing. There is no justifiable reason for Continental waiting until 12 days before the hearing — which took some effort to schedule with Continental's prior counsel — to ask for a stay. At a minimum, this late motion to stay prejudices Andress Sandefer because their flights and hotel rooms are nonrefundable at this point. If the Commission is inclined to stay this case pending the outcome in Garaas, the Commission should order that Continental is liable for Petitioners' costs — specifically, their flight and hotel costs — that they have incurred for the February 13 hearing.

While Andress Sandefer will be filing a formal response opposing Continental's late motion to stay today, Andress Sandefer requests the hearing scheduled for February 13 go forward. If there is a decision in Garaas before the hearing, the parties can take that up at the hearing on February 13. If there is not a decision in Garaas by that time, the parties can also address potential outcomes in Garaas at the February 13 hearing. The Commission can hear argument on February 13, and then wait to issue its decision pending the outcome in Garaas. It's worth noting, that in Garaas, the District Court dismissed petitioners Complaint because they failed to exhaust their administrative remedies by first bringing the matter to the Commission.

Petro Hunt describes the issue as such to the Supreme Court:

"[¶1] Whether the District Court correctly concluded that it lacked subject matter jurisdiction because Appellants failed to exhaust their administrative remedies before the North Dakota Industrial

Commission.

[¶2] This appeal presents a limited question to which this Court alluded in Dominek v. Equinor Energy L.P., 2022 ND 211, ¶ 17, 982 N.W.2d 303—whether a party who disputes the proper allocation of production from an oil and gas well must exhaust their available administrative remedies at the North Dakota Industrial Commission before bringing suit based upon that disputed allocation. The District Court concluded that Plaintiffs Appellants Jonathan T. Garaas and David Garaas, in their various trustee capacities (collectively "Appellants"), were required to exhaust their administrative remedies before suing Defendant-Appellee Petro-Hunt, L.L.C. ("Petro-Hunt"). That is the same conclusion that the federal district court reached after this Court rendered its decision in Dominek. See Dominek v. Equinor Energy L.P., Case No. 1:19-cv-288, 2023 WL 3742825 (D.N.D. May 31, 2023); see also R.31. These courts held that exhaustion is necessary because allocating production involves complicated and technical issues, many of which the Industrial Commission's amicus brief in the Dominek litigation outlined. See R.20. Because of the multiple substantive issues raised in this appeal, oral argument would be helpful."

Petro Hunt Appellee's Brief to Supreme Court, Case No. 20230200 at  $\P\P$  1 – 2.

If you have any questions, please let me know. If the Commission is satisfied with this email as Andress Sandefer's Response to Continental's Motion for Stay, please let me know, and I will not file a separate brief. If the Commission would like a formal brief responding with Andress Sandfer's objection to the stay, please let me know, and I will file that today.

Joshua A. Swanson | Attorney
T: 701.237.6983 | F: 701.356.6395
vogellaw.com | jswanson@vogellaw.com

**From:** Forward, Robin Wade < <u>Rob.Forward@stinson.com</u>>

**Sent:** Thursday, February 1, 2024 9:08 PM **To:** Forsberg, Sara L. < slforsberg@nd.gov>

Cc: Joshua A. Swanson < iswanson@vogellaw.com >; Bengtson, David < david.bengtson@stinson.com >;

'iparrot@bwenergylaw.com' <<u>iparrot@bwenergylaw.com</u>>; 'jhaseman@bwenergylaw.com'

<<u>ihaseman@bwenergylaw.com</u>>; 'masagsve@nd.gov' <<u>masagsve@nd.gov</u>>; Helm, Kerrie L. <<u>khelm@nd.gov</u>>

Subject: NDIC Case No. 30604

#### Ms. Forsberg,

The following are attached for filing in NDIC Case No. 30604:

- 1. Withdrawal of Counsel and Entry of Appearance;
- 2. Continental Resource's Motion to Stay.

#### Mr. Sagsveen,

Continental Resources requests an oral argument on the Motion to Stay and that it take place on February 13, 2024, during the hearing that has already been scheduled for oral argument on Continental Resource's Motion to Dismiss.

Thank you.

#### **Robin Wade Forward**

#### Partner

### STINSON LLP

424 South Third Street, Suite 206 Bismarck, ND 58504

Direct: 701.221.8603 \ Mobile: 701.426.9365 \ Bio

Assistant: MPL.LSSTeam2@stinson.com \ 612.335.1966

### STINSON.COM

This communication (including any attachments) is from a law firm and may contain confidential and/or privileged information. If it has been sent to you in error, please contact the sender for instructions concerning return or destruction, and do not use or disclose the contents to others.

From: Forward, Robin Wade

To: Forsberg, Sara L.

Cc: Joshua A. Swanson; Bengtson, David; "jparrot@bwenergylaw.com"; "jhaseman@bwenergylaw.com"; Sagsveen,

Matthew A.; Helm, Kerrie L.

**Subject:** NDIC Case No. 30604

Date: Thursday, February 1, 2024 9:15:34 PM

Attachments: NDIC Case No 30604 - Withdrawal of Counsel and Entry of Appearance.pdf

NDIC Case 30604 - Continental's Motion to Stay.pdf

\*\*\*\*\* **CAUTION:** This email originated from an outside source. Do not click links or open

attachments unless you know they are safe. \*\*\*\*\*

#### Ms. Forsberg,

The following are attached for filing in NDIC Case No. 30604:

- 1. Withdrawal of Counsel and Entry of Appearance;
- 2. Continental Resource's Motion to Stay.

#### Mr. Sagsveen,

Continental Resources requests an oral argument on the Motion to Stay and that it take place on February 13, 2024, during the hearing that has already been scheduled for oral argument on Continental Resource's Motion to Dismiss.

Thank you.

#### **Robin Wade Forward**

Partner

#### STINSON LLP

424 South Third Street, Suite 206

Bismarck, ND 58504

Direct: 701.221.8603 \ Mobile: 701.426.9365 \ Bio

Assistant: MPL.LSSTeam2@stinson.com \ 612.335.1966

#### STINSON.COM

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# BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS, MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, ROBERT "BOB" FULWILER, MCTAN HOLDINGS, LP, TEJON EXPLORATION, INC., RANDA K. UPP, AND DAVID HALBERT, TO CONSIDER THE ALLOCATION OF PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT CONSISTING OF SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2, TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No. 30604

# NOTICE OF WITHDRAWAL OF COUNSEL AND ENTRY OF APPEARANCE OF SUBSTITUTED COUNSEL

James Parrot and Jacob T. Haseman of Beatty & Wozniak, LLC hereby withdraw their appearances as counsel for Continental Resources, Inc. in the above captioned proceeding.

David E. Bengtson and Robin Wade Forward of Stinson LLP hereby enter their appearances as counsel for Continental Resources, Inc. in the above captioned proceeding. All future pleadings, orders, notices, and correspondence relating to this matter should be directed to Mr. Bengtson and Mr. Forward.

Dated: February 1, 2024

# /s/ James Parrot

James Parrot (ND Bar No. 07007)

Beatty & Wozniak, P.C.

1675 Broadway, Suite 600

Denver, CO 80202-4692

Telephone: (303) 407-4499

Fax: (800) 886-6566

jparrot@bwenergylaw.com

Jacob T. Haseman (ND Bar No. 07648)

Beatty & Wozniak, P.C.

1551 Three Crowns Dr., Suite 110

Casper, WY 82604 Phone: (307) 995-4961 Fax: (800) 886-6566

jhaseman@bwenergylaw.com

## /s/ David E. Bengtson

David E. Bengtson (#08486)

# STINSON LLP

1625 N. Waterfront Parkway, Suite 300 Wichita, KS 67206 david.bengtson@stinson.com
Telephone 316.265.8800

Robin Wade Forward (#05324)

#### STINSON LLP

424 South Third Street, Suite 206 Bismarck, ND 58504 rob.forward@stinson.com Telephone 701.221.8603

# ATTORNEYS FOR CONTINENTAL RESOURCES, INC.

# **CERTIFICATE OF SERVICE**

The undersigned certifies that a true and correct copy of the foregoing Notice of Withdrawal of Counsel and Entry of Appearance of Substituted Counsel has been served via email on this 1<sup>st</sup> day of February 2024 as follows:

Joshua A. Swanson Vogel Law Firm 218 NP Avenue P.O. Box 1389 Fargo, ND 58107-1389 jswanson@vogellaw.com Attorney for Applicants

/s/ Robin Wade Forward
Robin Wade Forward

# BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS. MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, ROBERT "BOB" FULWILER, MCTAN HOLDINGS, LP, TEJON EXPLORATION, INC., RANDA K. UPP, AND DAVID HALBERT, TO CONSIDER THE ALLOCATION OF PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT CONSISTING OF SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2, TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No. 30604

## CONTINENTAL RESOURCES, INC.'S MOTION TO STAY

Continental Resources, Inc. ("Continental") moves for an order staying all aspects of this case pending a decision by the North Dakota Supreme Court in the case of *Garaas*, *et al. v. Petro-Hunt L.L.C.*, ND Supreme Court Docket No. 2023020. In support of this motion, Continental states as follows:

1, Applicants filed the current version of their Application in this matter on November 14, 2023, seeking an order of the Commission allocating production from the Carson Peak 4 Well and the Whitman FIU 13 Well, which are both section line wells, in the Overlapping Spacing Unit

to the Applicants who own mineral interests outside of the Overlapping Spacing Unit but within the Underlying Spacing Unit.<sup>1</sup>

- 2. On December 4, 2023, Continental filed a motion to dismiss the Application alleging, among other things, that the Commission lacks subject matter jurisdiction to grant the relief sought in the Application. That motion has been fully briefed and is scheduled to be argued on February 13, 2024.
- 3. When subject matter jurisdiction is contested, the tribunal must address that threshold issue before proceeding to the merits of the action. *Environmental Law & Policy Center v. N. D. Public Service Comm'n.*, 948 N.W.2d 838 (N.D. 2020). If the Commission lacks subject matter jurisdiction, it lacks the power to hear and determine the claims. <u>See Burr v. N.D. State Board of Dental Examiners</u>, 955 N.W.2d 112 (N.D. 2021).
- 4. In its motion to dismiss, Continental argues that the courts, and not the Commission, have exclusive subject matter jurisdiction to hear and decide the issue presented by the Application in this docket.
- 5. The same issue that is presented by the Application in this docket is also in two pending matters involving the Garaas Trusts ("Garaas") and Petro-Hunt, LLC ("Petro-Hunt"). First, Garaas filed suit against Petro-Hunt in McKenzie County District Court in Case No. 27-2023-CV-00065 (the "McKenzie County Action") claiming, *inter alia*, that Petro-Hunt was unlawfully allocating production from a lease line well in an overlapping spacing unit to an underlying spacing unit contrary to North Dakota law and the applicable pooling orders. Second, shortly after Garaas filed suit in court, Petro-Hunt filed an Application with the Commission in

2

<sup>&</sup>lt;sup>1</sup> Terms used in this Motion to Stay shall have the same meaning as those same terms have been defined in the Application and the Amended Application filed in this matter.

Case No. 29902 (the "Petro-Hunt Docket") asking the Commission to declare that its allocation of production from same lease line well in the overlapping spacing unit to the underlying spacing unit was proper. In other words, the same determinative question was presented for decision in both venues.

- 6. Petro-Hunt filed a motion to dismiss in the McKenzie County Action arguing that the Commission, and not the District Court, had exclusive jurisdiction to hear and decide the issue whether the allocation of production by Petro-Hunt was proper.
- 7. On March 22, 2023, the Application filed in the Petro-Hunt Docket was heard by the Commission and that matter was taken under advisement. In those proceedings, Garaas argued that the District Court, and not the Commission, had exclusive jurisdiction to hear and decide the issue before the Commission in that docket.
- 8. On April 25, 2023, the Commission entered an order staying the Petro-Hunt Docket pending a decision by the courts on the question whether the courts or the Commission has subject matter jurisdiction to hear and decide the issue raised in the Petro-Hunt Docket. NDIC Order, No. 32507 (the "Stay Order"). Specifically, the Commission determined that "making a ruling [in the Petro-Hunt Docket] prior to a determination from the district court on [the motion to dismiss] would be premature and could result in inconsistent rulings between the Commission and the district court." Order No. 32507 at ¶ 5.
- 9. After the Stay Order was issued in the Petro-Hunt Docket, the District Court granted Petro-Hunt's motion to dismiss the McKenzie County Action and that dismissal was appealed by Garaas to the North Dakota Supreme Court (the "Garaas Appeal"). One of the issues presented in that appeal is whether the district court or the Commission has subject matter

jurisdiction to decide whether Petro-Hunt's allocation of production from the lease line well in the overlapping spacing unit to the underlying spacing unit was lawful.

- 10. Oral argument in the Garaas Appeal was held on November 3, 2023, and the North Dakota Supreme Court has not yet issued a decision. When it does, the decision will likely answer the same jurisdictional question presented by Continental's motion to dismiss.
- 11. If the Commission decides that jurisdictional question in this docket on Continental's motion to dismiss, it could result in inconsistent rulings between the Supreme Court and the Commission on the same issue. Therefore, it is premature for the Commission to make a determination on that issue in this docket in advance of the ruling by the North Dakota Supreme Court in the Garaas Appeal.
- 12. Entering the stay requested by Continental will not prejudice the Applicants as the re-allocation of production requested by Applicants herein is merely an accounting function, adjusting revenues between Applicants and other interest owners in the Overlapping Spacing Unit, and will be available at any time in the future if the Commission has jurisdiction and Applicants are eventually successful in this proceeding. Moreover, since oral argument was held in the Garaas Appeal on November 3, 2023, a decision from the North Dakota Supreme Court in that matter may reasonably be expected in the near future. If that decision is delayed for unknown reasons, the order granting this stay can be revisited by the Commission at any time.

WHEREFORE, for the reasons set forth herein, Continental respectfully requests that the Commission enter an order staying all aspects of this case until a final decision is made by the North Dakota Supreme Court in the Garaas Appeal, and further relief as may be appropriate.

Dated: February 1, 2024

# /s/ David E. Bengtson

David E. Bengtson (#08486)

# STINSON LLP

1625 N. Waterfront Parkway, Suite 300 Wichita, KS 67206 david.bengtson@stinson.com Telephone 316.265.8800

Robin Wade Forward (#05324) **STINSON LLP** 424 South Third Street, Suite 206 Bismarck, ND 58504 rob.forward@stinson.com Telephone 701.221.8603

ATTORNEYS FOR CONTINENTAL RESOURCES, INC.

# **CERTIFICATE OF SERVICE**

The undersigned certifies that a true and correct copy of the foregoing Motion to Stay has been served via email, in the above-captioned matter on this 1<sup>st</sup> day of February 2024 as follows:

Joshua A. Swanson Vogel Law Firm 218 NP Avenue P.O. Box 1389 Fargo, ND 58107-1389 jswanson@vogellaw.com Attorney for Applicants

/s/ Robin Wade Forward
Robin Wade Forward

From: Coutts, Denise R.

To: jparrot@bwenergylaw.com; jhaseman@bwenergylaw.com; Joshua A. Swanson

Cc: tpeterson@bwenergylaw.com; Sagsveen, Matthew A.; Helm, Kerrie L.; Forsberg, Sara L.; Tracy A. Ottum

**Subject:** Andress Case No. 30604

Date:Friday, January 26, 2024 9:13:25 AMAttachments:1.26.24 - Notice of Oral Argument.pdf

1.26.24 - DOS.pdf

#### Counsel,

On behalf of Hearing Examiner Sagsveen, attached are the following documents:

- 1. Notice of Hearing for Oral Argument on Motion to Dismiss; and
- 2. Unsworn Declaration of Service by Electronic Mail and Retention of Documents.

## Thank you,

Denise Coutts Legal Administrative Assistant North Dakota Office of Attorney General 500 North 9th Street Bismarck, ND 58501-4509 Telephone: (701) 328-3640

# BEFORE THE NORTH DAKOTA INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

CASE NO. 30604

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

### NOTICE OF HEARING FOR ORAL ARGUMENT ON MOTION TO DISMISS

YOU ARE HEREBY NOTIFIED that the hearing on the application is continued and a hearing for oral argument on Continental Resources, Inc.'s Motion to Dismiss will be held in its place at 9:00 a.m. Central Time on February 13, 2024. The parties may appear in person in the conference room for the North Dakota Department of Mineral Resources, Oil and Gas Division or they may appear telephonically by dialing into the conference room using the following number: 701-328-0950. Conference ID 760 793 003#.

Dated this 26<sup>th</sup> day of January, 2024.

Matthew Sagsveen

North Dakota Industrial Commission

Hearing Examiner

# BEFORE THE NORTH DAKOTA INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

**CASE NO. 30604** 

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thomson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSLA (File No. 38533) section line wells based on their interest in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

# UNSWORN DECLARATION OF SERVICE BY ELECTRONIC MAIL AND RETENTION OF DOCUMENTS

[¶1] Denise Coutts states as follows:

[ $\P2$ ] I am of legal age and on the 26<sup>th</sup> day of January, 2024, I served the following document:

**NOTICE OF HEARING FOR ORAL ARGUMENT ON MOTION TO DISMISS** upon the following by electronic mail as follows:

Joshua A. Swanson – <u>jswanson@vogellaw.com;</u> James Parrot – <u>JParrot@bwenergylaw.com;</u> Jake Haseman – <u>jhaseman@bwenergylaw.com;</u>

[¶3] The original documents shall be retained at the North Dakota Department of Mineral Resources, 1016 East Calgary Avenue Bismarck, North Dakota, 58503.

[¶4] I declare, under penalty of perjury under the law of North Dakota, that the foregoing is true and correct.

Signed on the add' day of January, 2024, at Bismarck, North Dakota, United States.

Denise Coutts

From: Sagsveen, Matthew A.

To: <u>Joshua A. Swanson; James Parrot</u>
Cc: <u>Forsberg, Sara L.; Helm, Kerrie L.</u>

Subject: RE: Petitioners" Proposed Order attached // Case 30604

**Date:** Thursday, January 25, 2024 11:44:41 AM

#### Counsel,

I want to let you know that I am working on the Motion to Dismiss in the above-referenced case, and we would like to have oral argument on the Motion. Since we already have February 13 set for the hearing on the Application, I am going to limit the hearing to oral argument on the Motion. You may appear in person or telephonically for the argument, and commission staff will be present for the argument. I will be issuing a new notice of hearing for oral argument by the end of the week.

Matthew Sagsveen Hearing Officer

Assistant Attorney General
Director of Natural Resources and Native American Affairs Division
North Dakota Office of Attorney General
500 N. 9th Street
Bismarck, ND 58501-4509

(701) 328-3640

From: Joshua A. Swanson < jswanson@vogellaw.com>

Sent: Friday, January 12, 2024 4:02 PM

To: Sagsveen, Matthew A. <masagsve@nd.gov>; James Parrot <JParrot@bwenergylaw.com>

Cc: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Forsberg, Sara L. <slforsberg@nd.gov>; Helm, Kerrie L.

<khelm@nd.gov>; Tracy Peterson <TPeterson@bwenergylaw.com>; Jake Haseman

<jhaseman@bwenergylaw.com>; Tracy A. Ottum <tottum@vogellaw.com>; Fax <fax@bwenergylaw.com>

Subject: Petitioners' Proposed Order attached // Case 30604

\*\*\*\*\* **CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe. \*\*\*\*\*

Dear Commission,

Please find attached Petitioners' proposed Order. It's attached in Word and PDF format. The content of each is the same, the only difference being one is PDF, the other is Word. If you have any issues opening the attachments, please let me know.

Thanks, and have a good weekend.

Joshua A. Swanson | Attorney
T: 701.237.6983 | F: 701.356.6395
vogellaw.com | jswanson@vogellaw.com

From: Joshua A. Swanson < jswanson@vogellaw.com>

Sent: Thursday, January 4, 2024 9:07 AM

To: James Parrot <<u>JParrot@bwenergylaw.com</u>>; Sagsveen, Matthew A. <<u>masagsve@nd.gov</u>>

Cc: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Forsberg, Sara L. <slforsberg@nd.gov>; Helm, Kerrie L.

<<u>khelm@nd.gov</u>>; Tracy Peterson <<u>TPeterson@bwenergylaw.com</u>>; Jake Haseman

<a href="mailto:<jhaseman@bwenergylaw.com">"> fax@bwenergylaw.com</a>; Tracy A. Ottum <a href="mailto:tottum@vogellaw.com">"> fax <a href="mailto:fax@bwenergylaw.com">fax@bwenergylaw.com</a>

**Subject:** Re: Petitioners' Response Brief attached // Case 30604

Petitioners will also file their proposed order by the end of the day on January 12.

Joshua A. Swanson | Attorney

T: 701.237.6983 | F: 701.356.6395 vogellaw.com | jswanson@vogellaw.com

**From:** James Parrot < <u>JParrot@bwenergylaw.com</u>>

Sent: Thursday, January 4, 2024 8:40 AM

**To:** Sagsveen, Matthew A. <<u>masagsve@nd.gov</u>>; Joshua A. Swanson <<u>jswanson@vogellaw.com</u>>

Cc: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Forsberg, Sara L. <slforsberg@nd.gov>; Helm, Kerrie L.

<<u>khelm@nd.gov</u>>; Tracy Peterson <<u>TPeterson@bwenergylaw.com</u>>; Jake Haseman

<<u>ihaseman@bwenergylaw.com</u>>; Tracy A. Ottum <<u>tottum@vogellaw.com</u>>; Fax <<u>fax@bwenergylaw.com</u>>

Subject: RE: Petitioners' Response Brief attached // Case 30604

Thank you very much, Continental will file its proposed order no later than January 12, 2024.

Sincerely,

James Parrot, | Shareholder, Beatty & Wozniak, P.C.

Direct: 303-407-4458 | Mobile: 303-917-2261

From: Sagsveen, Matthew A. < masagsve@nd.gov>

Sent: Thursday, January 4, 2024 7:39 AM

To: James Parrot <<u>JParrot@bwenergylaw.com</u>>; Joshua A. Swanson <<u>jswanson@vogellaw.com</u>>

Cc: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Forsberg, Sara L. <slforsberg@nd.gov>; Helm, Kerrie L.

<<u>khelm@nd.gov</u>>; Tracy Peterson <<u>TPeterson@bwenergylaw.com</u>>; Jake Haseman

<<u>ihaseman@bwenergylaw.com</u>>; Tracy A. Ottum <<u>tottum@vogellaw.com</u>>; Fax <<u>fax@bwenergylaw.com</u>>

Subject: RE: Petitioners' Response Brief attached // Case 30604

#### CAUTION: EXTERNAL SOURCE

Mr. Parrot,

An extension to January 12 should be fine.

Matthew Sagsveen Hearing Officer

**From:** James Parrot < <u>JParrot@bwenergylaw.com</u>>

Sent: Thursday, January 4, 2024 8:38 AM

To: Sagsveen, Matthew A. <masagsve@nd.gov>; Joshua A. Swanson <jswanson@vogellaw.com>

Cc: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Forsberg, Sara L. <slforsberg@nd.gov>; Helm, Kerrie L.

<<u>khelm@nd.gov</u>>; Tracy Peterson <<u>TPeterson@bwenergylaw.com</u>>; Jake Haseman

<ihaseman@bwenergylaw.com>; Tracy A. Ottum <tottum@vogellaw.com>

Subject: RE: Petitioners' Response Brief attached // Case 30604

You don't often get email from jparrot@bwenergylaw.com. Learn why this is important

\*\*\*\*\* **CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe. \*\*\*\*\*

Mr. Sagsveen,

Continental's Reply brief is due on January 8, 2024, so Continental would greatly appreciate it if you could allow a few extra days for the proposed orders. I have conferred with Mr. Swanson, and the Applicants don't object to an extension to January 12, 2024, so long as both parties' proposed orders are due on the same day. Therefore, Continental respectfully requests the opportunity to submit its proposed order on its motion on Friday, January 12, 2024.

Thank you very much,

James Parrot, | Shareholder, Beatty & Wozniak, P.C.

Direct: 303-407-4458 | Mobile: 303-917-2261

From: Sagsveen, Matthew A. <masagsve@nd.gov>

Sent: Wednesday, January 3, 2024 3:48 PM

To: James Parrot <<u>JParrot@bwenergylaw.com</u>>; Joshua A. Swanson <<u>jswanson@vogellaw.com</u>>

Cc: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Forsberg, Sara L. <slforsberg@nd.gov>; Helm, Kerrie L.

<<u>khelm@nd.gov</u>>; Tracy Peterson <<u>TPeterson@bwenergylaw.com</u>>; Jake Haseman

<<u>inaseman@bwenergylaw.com</u>>; Tracy A. Ottum <<u>tottum@vogellaw.com</u>>; Fax <<u>fax@bwenergylaw.com</u>>

Subject: RE: Petitioners' Response Brief attached // Case 30604

#### **CAUTION: EXTERNAL SOURCE**

Yes, thank you for correcting me.

Matthew Sagsveen Hearing Officer

From: James Parrot < JParrot@bwenergylaw.com>

Sent: Wednesday, January 3, 2024 4:47 PM

To: Sagsveen, Matthew A. <masagsve@nd.gov>; Joshua A. Swanson <jswanson@vogellaw.com>

**Cc:** -Info-Oil & Gas Division <<u>oilandgasinfo@nd.gov</u>>; Forsberg, Sara L. <<u>slforsberg@nd.gov</u>>; Helm, Kerrie L.

<<u>khelm@nd.gov</u>>; Tracy Peterson <<u>TPeterson@bwenergylaw.com</u>>; Jake Haseman

<jhaseman@bwenergylaw.com>; Tracy A. Ottum <tottum@vogellaw.com>; Fax <fax@bwenergylaw.com>

**Subject:** RE: Petitioners' Response Brief attached // Case 30604

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Mr. Svagsveen, did you mean January 8? Thank you.

#### James Parrot, | Shareholder, Beatty & Wozniak, P.C.

Direct: 303-407-4458 | Mobile: 303-917-2261

From: Sagsveen, Matthew A. < masagsve@nd.gov>

Sent: Wednesday, January 3, 2024 3:44 PM

To: Joshua A. Swanson < <a href="mailto:swanson@vogellaw.com">jswanson@vogellaw.com</a>; James Parrot <a href="mailto:JParrot@bwenergvlaw.com">JParrot@bwenergvlaw.com</a>

Cc: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Forsberg, Sara L. <slforsberg@nd.gov>; Helm, Kerrie L.

<<u>khelm@nd.gov</u>>; Tracy Peterson <<u>TPeterson@bwenergylaw.com</u>>; Jake Haseman

<<u>ihaseman@bwenergylaw.com</u>>; Tracy A. Ottum <<u>tottum@vogellaw.com</u>>; Fax <<u>fax@bwenergylaw.com</u>>

Subject: RE: Petitioners' Response Brief attached // Case 30604

#### **CAUTION: EXTERNAL SOURCE**

Counsel,

Could both of you submit proposed orders to the Commission regarding Continental's Motion to Dismiss, by the close of business on June 8?

Thanks,

Matthew Sagsveen

**Hearing Officer** 

From: Joshua A. Swanson < <u>iswanson@vogellaw.com</u>>

Sent: Friday, December 29, 2023 3:56 PM

To: Sagsveen, Matthew A. <masagsve@nd.gov>; 'James Parrot' <JParrot@bwenergylaw.com>

**Cc:** -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Forsberg, Sara L. <slforsberg@nd.gov>; Helm, Kerrie L.

<<u>khelm@nd.gov</u>>; Tracy Peterson <<u>TPeterson@bwenergylaw.com</u>>; Jake Haseman

<ihaseman@bwenergylaw.com>; Tracy A. Ottum <tottum@vogellaw.com>

**Subject:** Petitioners' Response Brief attached // Case 30604

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Dear Commission,

Please find attached the following:

- 1. Petitioners' Response to Continental Resources' Motion to Dismiss;
- 2. Affidavit of Joshua A. Swanson;
- 3. Exhibit A to Response;
- 4. Exhibit B to Response;
- 5. Exhibit C to Response;
- 6. Exhibit D to Response;
- 7. Exhibit E to Response; and
- 8. Petitioners' Certificate of Service.

If you have any issues opening any of the attachments, please let me know.

Joshua A. Swanson | Attorney
T: 701.237.6983 | F: 701.356.6395
vogellaw.com | jswanson@vogellaw.com

From: Sagsveen, Matthew A. < masagsve@nd.gov>

Sent: Tuesday, December 12, 2023 9:54 AM

To: Joshua A. Swanson < jswanson@vogellaw.com >; 'James Parrot' < JParrot@bwenergylaw.com >

**Cc:** -Info-Oil & Gas Division <<u>oilandgasinfo@nd.gov</u>>; Forsberg, Sara L. <<u>slforsberg@nd.gov</u>>; Helm, Kerrie L.

<<u>khelm@nd.gov</u>>; Tracy Peterson <<u>TPeterson@bwenergylaw.com</u>>; Jake Haseman

<jhaseman@bwenergylaw.com>

Subject: RE: Case 30604

#### Counsel,

I appreciate the parties' attempts to work together to address Continental's Motion for Continuance and the briefing schedule for Continental's Motion to Dismiss. In the future, however, it would be helpful for both me and DMR staff if the parties would submit a single/joint stipulation to be filed in the case docket as opposed to a series of emails. That said, my understanding of your agreement is as follows:

- Friday's Hearing is Cancelled
- Applicants' Response to Continental's Motion to Dismiss will be due on December 29, 2023
- Continental's Reply is due on January 8, 2024
- Hearing would ideally be scheduled after January 15, 2024
  - Mr. Swanson has conflicts January 16-19
  - Mr. Parrot has conflicts January 28-29

I can also tell you that I have conflicts from January 26 through February 2. I will work with DMR staff to see if we can find a date the week of January 22. If we cannot find a date during this time period, I will either need to reassign the case to a different hearing officer or the case will be scheduled for early February.

Matthew Sagsveen Hearing Examiner

Assistant Attorney General
Director of Natural Resources and Native American Affairs Division
North Dakota Office of Attorney General
500 N. 9th Street
Bismarck, ND 58501-4509

(701) 328-3640

From: <u>Joshua A. Swanson</u>

To: Sagsveen, Matthew A.; James Parrot

Cc: -Info-Oil & Gas Division; Forsberg, Sara L.; Helm, Kerrie L.; Tracy Peterson; Jake Haseman; Tracy A. Ottum; Fax

**Subject:** Petitioners" Proposed Order attached // Case 30604

**Date:** Friday, January 12, 2024 4:03:25 PM

Attachments: VOGEL-#5316960-v1-Andress Sandefer Proposed Order (1 12 24 final).DOCX

Andress Sandefer Proposed Order (PDF).pdf

\*\*\*\*\* **CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe. \*\*\*\*\*

Dear Commission,

Please find attached Petitioners' proposed Order. It's attached in Word and PDF format. The content of each is the same, the only difference being one is PDF, the other is Word. If you have any issues opening the attachments, please let me know.

Thanks, and have a good weekend.

Joshua A. Swanson | Attorney
T: 701.237.6983 | F: 701.356.6395
vogellaw.com | jswanson@vogellaw.com

From: Joshua A. Swanson < jswanson@vogellaw.com>

Sent: Thursday, January 4, 2024 9:07 AM

To: James Parrot JParrot@bwenergylaw.com>; Sagsveen, Matthew A. <masagsve@nd.gov>

Cc: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Forsberg, Sara L. <slforsberg@nd.gov>; Helm, Kerrie L.

<khelm@nd.gov>; Tracy Peterson <TPeterson@bwenergylaw.com>; Jake Haseman

<jhaseman@bwenergylaw.com>; Tracy A. Ottum <tottum@vogellaw.com>; Fax <fax@bwenergylaw.com>

Subject: Re: Petitioners' Response Brief attached // Case 30604

Petitioners will also file their proposed order by the end of the day on January 12.

Joshua A. Swanson | Attorney T: 701.237.6983 | F: 701.356.6395 vogellaw.com | jswanson@vogellaw.com

**From:** James Parrot < <u>JParrot@bwenergylaw.com</u>>

Sent: Thursday, January 4, 2024 8:40 AM

To: Sagsveen, Matthew A. < <u>masagsve@nd.gov</u>>; Joshua A. Swanson < <u>jswanson@vogellaw.com</u>>

Cc: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Forsberg, Sara L. <slforsberg@nd.gov>; Helm, Kerrie L.

<<u>khelm@nd.gov</u>>; Tracy Peterson <<u>TPeterson@bwenergylaw.com</u>>; Jake Haseman

<<u>ihaseman@bwenergylaw.com</u>>; Tracy A. Ottum <<u>tottum@vogellaw.com</u>>; Fax <<u>fax@bwenergylaw.com</u>>

Subject: RE: Petitioners' Response Brief attached // Case 30604

Thank you very much, Continental will file its proposed order no later than January 12, 2024.

Sincerely,

James Parrot, | Shareholder, Beatty & Wozniak, P.C.

Direct: 303-407-4458 | Mobile: 303-917-2261

From: Sagsveen, Matthew A. < masagsve@nd.gov>

Sent: Thursday, January 4, 2024 7:39 AM

To: James Parrot <<u>JParrot@bwenergylaw.com</u>>; Joshua A. Swanson <<u>jswanson@vogellaw.com</u>>

**Cc:** -Info-Oil & Gas Division <<u>oilandgasinfo@nd.gov</u>>; Forsberg, Sara L. <<u>slforsberg@nd.gov</u>>; Helm, Kerrie L.

<<u>khelm@nd.gov</u>>; Tracy Peterson <<u>TPeterson@bwenergylaw.com</u>>; Jake Haseman

<<u>ihaseman@bwenergylaw.com</u>>; Tracy A. Ottum <<u>tottum@vogellaw.com</u>>; Fax <<u>fax@bwenergylaw.com</u>>

**Subject:** RE: Petitioners' Response Brief attached // Case 30604

#### CAUTION: EXTERNAL SOURCE

Mr. Parrot,

An extension to January 12 should be fine.

Matthew Sagsveen Hearing Officer

From: James Parrot < JParrot@bwenergylaw.com>

Sent: Thursday, January 4, 2024 8:38 AM

To: Sagsveen, Matthew A. <masagsve@nd.gov>; Joshua A. Swanson <<u>iswanson@vogellaw.com</u>>

Cc: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Forsberg, Sara L. <<u>slforsberg@nd.gov</u>>; Helm, Kerrie L.

<<u>khelm@nd.gov</u>>; Tracy Peterson <<u>TPeterson@bwenergylaw.com</u>>; Jake Haseman

<inaseman@bwenergylaw.com>; Tracy A. Ottum <tottum@vogellaw.com>

**Subject:** RE: Petitioners' Response Brief attached // Case 30604

You don't often get email from jparrot@bwenergylaw.com. Learn why this is important

\*\*\*\*\* **CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe. \*\*\*\*\*

Mr. Sagsveen,

Continental's Reply brief is due on January 8, 2024, so Continental would greatly appreciate it if you could allow a few extra days for the proposed orders. I have conferred with Mr. Swanson, and the Applicants don't object to an extension to January 12, 2024, so long as both parties' proposed orders are due on the same day. Therefore, Continental respectfully requests the opportunity to submit its proposed order on its motion on Friday, January 12, 2024.

Thank you very much,

James Parrot, | Shareholder, Beatty & Wozniak, P.C.

Direct: 303-407-4458 | Mobile: 303-917-2261

From: Sagsveen, Matthew A. < masagsve@nd.gov>

Sent: Wednesday, January 3, 2024 3:48 PM

To: James Parrot <<u>JParrot@bwenergylaw.com</u>>; Joshua A. Swanson <<u>iswanson@vogellaw.com</u>>

Cc: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Forsberg, Sara L. <slforsberg@nd.gov>; Helm, Kerrie L.

<<u>khelm@nd.gov</u>>; Tracy Peterson <<u>TPeterson@bwenergylaw.com</u>>; Jake Haseman

<a href="mailto:<jhaseman@bwenergylaw.com">", Tracy A. Ottum <tottum@vogellaw.com">", Fax <fax@bwenergylaw.com">", Fax <fax@bwenergylaw.com">", Tracy A. Ottum <tottum@vogellaw.com">", Fax <fax@bwenergylaw.com">", Tracy A. Ottum <tottum@vogellaw.com">", Tracy A. Ottum <tottum@vogellaw.c

**Subject:** RE: Petitioners' Response Brief attached // Case 30604

#### CAUTION: EXTERNAL SOURCE

Yes, thank you for correcting me.

Matthew Sagsveen Hearing Officer

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Sent: Wednesday, January 3, 2024 4:47 PM

To: Sagsveen, Matthew A. <<u>masagsve@nd.gov</u>>; Joshua A. Swanson <<u>jswanson@vogellaw.com</u>>

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<<u>khelm@nd.gov</u>>; Tracy Peterson <<u>TPeterson@bwenergylaw.com</u>>; Jake Haseman

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**Subject:** RE: Petitioners' Response Brief attached // Case 30604

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Direct: 303-407-4458 | Mobile: 303-917-2261

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**Subject:** RE: Petitioners' Response Brief attached // Case 30604

#### CAUTION: EXTERNAL SOURCE

Counsel,

Could both of you submit proposed orders to the Commission regarding Continental's Motion to Dismiss, by the close of business on June 8?

Thanks.

Matthew Sagsveen

**Hearing Officer** 

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- 3. Exhibit A to Response;
- 4. Exhibit B to Response;
- 5. Exhibit C to Response;
- 6. Exhibit D to Response;
- 7. Exhibit E to Response; and
- 8. Petitioners' Certificate of Service.

If you have any issues opening any of the attachments, please let me know.

Joshua A. Swanson | Attorney
T: 701.237.6983 | F: 701.356.6395
vogellaw.com | jswanson@vogellaw.com

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<<u>khelm@nd.gov</u>>; Tracy Peterson <<u>TPeterson@bwenergylaw.com</u>>; Jake Haseman

<jhaseman@bwenergylaw.com>

Subject: RE: Case 30604

#### Counsel,

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  - Mr. Parrot has conflicts January 28-29

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Matthew Sagsveen Hearing Examiner Assistant Attorney General
Director of Natural Resources and Native American Affairs Division
North Dakota Office of Attorney General
500 N. 9th Street
Bismarck, ND 58501-4509

(701) 328-3640

# BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS, MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, "BOB" FULWILER, ROBERT HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT. TO **CONSIDER** ALLOCATION OF **PRODUCTION** ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING **SPACING** UNIT **CONSISTING** SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2. TOWNSHIP 146 NORTH, RANGE 96 WEST. DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604	
Order No.:	

(PROPOSED)
ORDER DENYING CONTINENTAL
RESOURCES, INC.'S MOTION TO
DISMISS

#### ORDER OF THE COMMISSION

#### THE COMMISSION FINDS:

- (1) This cause is set for hearing at 9:00 a.m. on the 13th day of February, 2024.
- (2) The Petitioners, Thurmon Andress, Melissa Sandefer, et al. (collectively Andress Sandefer) made application to the Commission for an order providing for the allocation of production from the Carson Peak 4-35HSL well, NDIC #35272, (Carson Peak 4 Well), and Whitman FIU 13-34HSL1 well, NDIC #38533, (Whitman FIU 13 Well), both lease-line wells in the overlapping unit to the underlying unit where Andress Sandefer have an interest; such application was filed in accordance with North Dakota Century Code (N.D.C.C.) Sections 38-08-04 and 38-08-11, and North Dakota Administrative Code (N.D.A.C.) 43-02-03-88; and such other and further relief as the Commission deems appropriate.
- (3) On August 17, 2023, Andress Sandefer filed their Application with the Commission. On December 4, 2023, Continental Resources, Inc. (Continental) moved the Commission to dismiss Andress Sandefer's Application. On December 5, 2023, Andress Sandefer filed Petitioners' Pre-Hearing Brief in Support of Application, along with Exhibits A K to the same. On December 29, 2023, Andress Sandefer filed Petitioners' Response to

Continental's Motion to Dismiss, along with Exhibits A – E. On January 8, 2024, Continental filed its Reply in Support of Motion to Dismiss.

- (4) The notice of filing of the application and the time and place of hearing was properly given in all respects as required by law, and at least 45 days prior to the hearing; and that the notice so given did specify that such material was filed with the Commission; that due public notice has been given, as required by law, and the Commission has jurisdiction of this cause and the subject matter.
- (5) Andress Sandefer's claim focuses on the fact that Continental has failed to follow the Commission's Orders, and violated Andress Sandefer's correlative rights, by drilling the two lease-line wells, the Carson Peak 4 and Whitman FIU 13 wells, yet failing to allocate to Andress Sandefer their share of production attributable to their interest in the underlying spacing unit. The Commission has the authority to create and pool spacing units. It has been the Commission's long-standing practice to allow lease-line wells to be drilled on common spacing unit boundaries with overlapping spacing units. When that occurs, the Commission has required the allocation of production from the overlapping spacing units across the underlying spacing units to protect correlative rights and prevent waste.
- Andress Sandefer owns oil and gas interests located in Dunn County, in Sections 22, 23, 26, and 27, Township 147 North, Range 96 West (Subject Lands). The Subject Lands are within an area defined by the Commission as the field boundaries for the Oakdale Field and vertically covering the accumulation of oil and gas defined by the Commission as the Oakdale-Bakken Pool. Part of Andress Sandefer's interests in the Subject Lands are in the underlying spacing unit (Underlying Unit) consisting of Sections 23, 26, and 35, Township 147 North, Range 96 West and Section 2, Township 146 North, Range 96 West. These four sections comprise a "standup 2560" because the four sections are oriented in a north-south direction and comprise 2,560 acres, more or less. Part of the Underlying Unit, specifically, the south half of the standup 2560, is also within the overlapping spacing unit (Overlapping Unit) where there is production from the Carson Peak 4 Well and Whitman FIU 13 Well. Both wells are lease-line wells operated by Continental. Continental operates all the wells in the Oakdale Field.
- (7) The Overlapping Unit contains 2,560 acres, more or less, but instead of being oriented in either a "standup 2560" or "laydown 2560" (four sections aligned due east-west), it is a "square 2560," that is, the four sections are aligned two sections north-south by two sections east-west. The Overlapping Unit consists of Sections 34 and 35, Township 147 North, Range 96 West and Sections 2 and 3, Township 146 North, Range 96 West. Section 35, Township 147 North, Range 96 West, and Section 2, Township 146 North, Range 96 West, are in both the Overlapping Unit and Underlying Unit.
- (8) When Continental created the Overlapping Unit, it did not allocate, and has not allocated, any production from the Carson Peak 4 Well or Whitman FIU 13 Well across the Underlying Unit where Andress Sandefer's interests are located.

- (9) As the Commission has explained, the purpose of overlapping spacing units are to allow the drilling of lease-line wells like the Carson Peak 4 and Whitman FIU 13 wells, which are not otherwise possible because of drilling setbacks, while still protecting the correlative rights of owners, like Andress Sandefer, in the underlying spacing units. Allocating production from overlapping spacing units across underlying spacing units, with respect to lease-line wells, protects correlative rights, prevents waste, and results in the increased recovery of substantially more oil and gas from the common source of supply than would otherwise be recovered.
- (10) The Commission has jurisdiction and the authority to require that Continental allocate production from the two lease-line wells in the Overlapping Unit, the Carson Peak 4 and Whitman FIU 13 wells, across the Underlying Unit. The Commission has "extremely broad and comprehensive powers to regulate oil and gas development in the state." *Langved v. Cont'l Res., Inc.*, 2017 ND 179, ¶ 12, 899 N.W.2d 267. The Commission's jurisdiction is provided under N.D.C.C. § 38-08-04, which states, in part: "The Commission's powers are continuous . . . and are exclusive." *Env't. Driven Sols., LLC v. Dunn Cnty.*, 2017 ND 45, ¶ 9, 890 N.W.2d 841. Section 38-08-04 further gives the Commission the authority "[t]o limit and to allocate the production of oil and gas from any field, pool, or area . . ." N.D.C.C. § 38-08-04(c). Sections 38-08-07 and 38-08-08 require the Commission to establish spacing units and pool separately owned interests within the spacing unit when necessary to prevent waste, to avoid the drilling of unnecessary wells, or to protect correlative rights. *See* N.D.C.C. § 38-08-07(1). Section 38-08-08(1), N.D.C.C., provides:

"When two or more separately owned tracts are embraced within a spacing unit, or when there are separately owned interests in all or a part of the spacing unit, then the owners and royalty owners thereof may pool their interests for the development and operation of the spacing unit. In the absence of voluntary pooling, the commission upon the application of any interested person shall enter an order pooling all interests in the spacing unit for the development and operations thereof. . . . Operations incident to the drilling of a well upon any portion of a spacing unit covered by a pooling order must be deemed, for all purposes, the conduct of such operations upon each separately owned tract in the drilling unit by the several owners thereof. That portion of the production allocated to each tract included in a spacing unit covered by a pooling order must, when produced, be deemed for all purposes to have been produced from such tract by a well drilled thereon."

The powers vested in the Commission are a continuing duty. "This power is a continuing duty. §§ 38-08-07(4) and 38-08-09.2, N.D.C.C. The Commission has the power and authority to modify the spacing units whenever it is necessary to prevent waste or avoid the drilling of unnecessary wells, or to protect correlative rights." *Amoco Prod. Co. v. N. Dakota Indus. Comm'n*, 307 N.W.2d 839, 843 (N.D. 1981). *See also Wisdahl v. XTO Energy, Inc.*. No. 4:13-cv-136, 2014 WL 10537960, at \*5 (D.N.D. May 14, 2014) ("The legislative grant of broad authority and jurisdiction to the Industrial Commission, as repeatedly recognized by the North Dakota Supreme Court, is unrefutable.")

- (11) Pursuant to Section 38-08-04, the Commission also has "continuing jurisdiction and authority over all persons and property, public and private, necessary to enforce effectively the provisions of [Chapter 38-08]. The commission has authority, and it is its duty, to make such investigations as it deems proper to determine whether waste exists or is imminent or whether other facts exist which justify action by the commission." Additionally, any pooling order "must be upon terms and conditions that are just and reasonable, and that afford to the owner of each tract or interest in the spacing unit the opportunity to recover or receive, without unnecessary expense, that owner's just and equitable share." N.D.C.C. § 38-08-08(1).
- (12) It has been the State's practice to allow lease-line wells, like the Carson Peak 4 and Whitman FIU 13 wells, to be drilled on common spacing unit boundaries with overlapping spacing units. The Commission's practice regarding overlapping spacing units is based on its reasonable interpretation of N.D.C.C. § 38-08-08 and is consistent with the statutory language requiring production allocated to a tract to be treated as if it were produced from that tract for all purposes.
- To protect the correlative rights of owners outside the spacing unit from having (13)their oil and gas drain across the spacing unit boundary, the Commission imposes setback requirements that prohibit wellbores within certain distances of the spacing unit boundary. The creation of overlapping spacing units, like the Overlapping Unit, allows the drilling of setback areas, which prevents waste. Preventing waste is squarely within the Commission's jurisdiction. To prevent the waste that would result from leaving such setback areas less than fully developed, the Commission commonly spaces and pools spacing units that overlap two or more previously pooled spacing units, commonly referred to as "overlapping" and "base," or "underlying," spacing units. The Commission typically authorizes one or two wells to be drilled near the center section line of the overlapping spacing unit, to produce from the setback areas of the base, or underlying, spacing units. The oil and gas reserves located within the setback area for lease-line wells, like the Carson Peak 4 and Whitman FIU 13 wells, remains pooled with the other reserves in the underlying spacing unit so that each owner receives their just and equitable share of production. This occurs through the pooling statute and corresponding pooling orders issued by the Commission. Consistent with N.D.C.C. § 38-08-08(1), the underlying spacing unit order requires each owner in the base unit receive "their just and equitable share of production from the spacing unit in the proportion as their interest may appear in the spacing unit." The entitlement to a just and equitable share of production extends to the entirety of the pooled spacing unit, including those oil and gas reserves located in setback areas. The inability to drill a wellbore into the setback does not diminish each owner's correlative rights to obtain their equitable share of the reserves within the setback. All owners, not just those whose interests are subsequently committed to an overlapping spacing unit, are entitled to share in any production from lands pooled in the underlying spacing unit.

# (14) In their Application to the Commission, Andress Sandefer alleges that:

When Continental created its square 2560 Overlapping Spacing Unit, Continental ignored that Andress Sandefer's interests in the Subject Lands contributed to the Underlying Spacing Unit. As such, the exclusion of Andress Sandefer in the Carson

Peak 4 Well and the Whitman FIU 13 Well is a confiscation of their interests within the Underlying Spacing Unit, violates N.D.C.C. § 38-08-08(1), and violates Andress Sandefer's correlative rights.

Andress Sandefer Application at ¶ 9. See also id. at ¶ 15 (stating, "Andress Sandefer requests that the Commission order that production from the Carson Peak 4 Well and the Whitman FIU 13 Well, both section line wells, be allocated to them based on their interest in the Underlying Spacing Unit as required by N.D.C.C. § 38-08-08(1), and consistent with the Commission's interpretation of North Dakota law in *Dominek*, and to protect their correlative rights.") Andress Sandefer claims that the Orders creating the Underlying Unit and Overlapping Unit at issue, in conjunction with N.D.C.C. § 38-08-08, vest the Commission with jurisdiction and authority to order that Continental allocate production from the Carson Peak 4 and Whitman FIU 13 wells, the lease-line wells at issue, across the Underlying Unit. *See Pre-Hearing Brief* at ¶¶ 10 – 14.

- (15) Andress Sandefer asks the Commission to interpret and enforce its previously issued Orders, and do so in relation to Andress Sandefer's correlative rights and the prevention of waste under N.D.C.C. § 38-08-08. That is squarely within the Commission's jurisdiction. The Commission has jurisdiction over Andress Sandefer's Application and claim.
- (16) Andress Sandefer has stated a claim upon which relief can be granted under N.D.R.Civ.P 12(b) and Chapter 38-08, N.D.C.C.
- (17) The review of a Rule 12(b)(6) motion is well-established. A motion to dismiss tests the legal sufficiency of the claim presented. Rule 12(b)(6) motions are viewed with disfavor. The standard for reviewing Continental's Rule 12(b)(6) motion is deferential to Andress Sandefer. The Application is construed in the light most favorable to them, and the Commission must accept as true all well-pleaded allegations in the Application. *Krile v. Lawyer*, 2020 ND 176, ¶ 15, 947 N.W.2d 366. A motion for dismissal should be granted only if it is disclosed with certainty the impossibility of proving a claim upon which relief can be granted. *See Johnson & Maxwell, Ltd. v. Lind*, 288 N.W.2d 763, 765 (N.D. 1980). *See also Towne v. Dinius*, 1997 ND 125, ¶ 7, 565 N.W.2d 762 (stating, "This court will generally reverse a judgment dismissing a complaint for failure to state a claim whenever we can discern a potential for proof to support it.")
- Just like the claim in *Dominek v. Equinor Energy L.P.*, which the United States District Court held belonged before the Commission, *see* 2023 WL 3742825 (D.N.D. May 31, 2023), Andress Sandefer's claim involves the interpretation of the Commission's prior Orders, the Commission's authority and jurisdiction under Chapter 38 08, N.D.C.C., and the protection of Andress Sandefer's correlative rights and the prevention of waste. The Commission's Orders, along with N.D.C.C. § 38-08-08(1), require production from an overlapping unit be allocated across an underlying unit. This is exactly the claim Andress Sandefer makes. Continental offers no legal authority why the Commission should treat Andress Sandefer's claim differently than the same claim and issue presented in *Dominek*, or why any different outcome is required here departing from more than a decade of practice by

the Commission requiring production from lease-line wells in overlapping spacing units be allocated across the underlying spacing units.

- (19) Andress Sandefer's claim that their correlative rights are being violated because of Continental's failure to allocate them an interest in the Carson Peak 4 and Whitman FIU 13 lease-line wells is a recognized and well-pleaded claim under North Dakota law.
- (20) The relief requested by Andress Sandefer is how the Commission has been allocating production from lease-line wells in overlapping spacing units to underlying spacing units for more than a decade. Both N.D.C.C. § 38-08-08(1) and the Underlying Unit Orders, Order Nos. 14604 and 14262, require allocation across the Underlying Unit as the only means of fully protecting Andress Sandefer's correlative rights impacted by production from the lease-line wells in the Overlapping Unit. The Underlying Unit Orders require that Andress Sandefer, as owners in the underlying unit, receive their just and equitable share of production from the unit in proportion to their interest in the unit. Continental's refusal to allocate production from the Overlapping Unit across the Underlying Unit adversely affects Andress Sandefer and directly contradicts the Commission's current practice. Andress Sandefer's claim, that Continental's refusal to allocate them their share of production from the Carson Peak 4 and Whitman FIU 13 wells violates their correlative rights, is a well-pleaded claim that the Commission must accept as true for purposes of Rule 12(b)(6).
- The Legislature has declared that it is "in the public interest ... to authorize and provide for the operation and development of oil and gas properties in such a manner ... that the correlative rights of all owners be fully protected." N.D.C.C. § 38-08-01. *See also Texaco Inc. v. Indus. Comm'n of State of N. Dakota*, 448 N.W.2d 621, 623 (N.D. 1989) (stating, "Section 38–08–08, N.D.C.C., is part of our Oil and Gas Conservation Act [ch. 38–08, N.D.C.C.], which was enacted in 1953. The Act recognizes the public's interest 'to foster, to encourage, and to promote the development, production, and utilization of ... oil and gas ... in such a manner as will prevent waste; ... provide for ... a greater ultimate recovery of oil and gas ... and [protect] ... correlative rights of all owners.' Section 38–08–01, N.D.C.C."). North Dakota law tasks the Commission with protecting correlative rights and preventing waste, and recognizes that a mineral owner has a claim when an operator violates their correlative rights or commits waste. *See e.g.*, *Hystad v. Indus. Comm'n*, 389 N.W.2d 590 (N.D. 1986).
- (22) Under Rule 12(b)(6)'s standard, accepting the allegations in the Application as true, and viewing all inferences in Andress Sandefer's favor, Continental has violated their correlative rights and committed waste by drilling the Carson Peak 4 and Whitman FIU 13 wells and failing to allocate any share of production from those wells in the Overlapping Unit to the Underlying Unit. For purposes of Rule 12(b)(6) analysis, this entitles Andress Sandefer to the relief that they have requested from the Commission which is requiring Continental to abide by Order Nos. 14604 and 14262, and N.D.C.C. § 38-08-08, and allocate production from the Overlapping Unit across the Underlying Unit.
- (23) The two-lease line wells at issue in the Overlapping Unit, the Carson Peak 4 and Whitman FIU 13 wells, recover oil and gas from lands within the setback area of the

Underlying Unit. As the Commission has previously recognized and stated, it believes a lease-line horizontal well in an overlapping lease-line spacing unit will recover oil from lands within the setback area of the underlying base spacing units. Without the lease-line horizontal well, the oil would be recovered less efficiently or not at all by the horizontal wells in the base spacing units; therefore, all pooled interest owners within the base spacing units should receive their equitable share of that oil, not just the interest owners in the sections located within the overlapping lease-line spacing unit but all interest owners in horizontal wells in the base spacing units. Because lease-line wells, like the Carson Peak 4 and Whitman FIU 13 wells, cause impacts to wells in underlying spacing units shared by all the interest owners within those base spacing units, all pooled owners within the underlying base spacing units, including Andress Sandefer, must receive their proportionate share of the production from these section-line wells.

- (24)If the Commission did not grant the relief sought by Andress Sandefer, Andress Sandefer's correlative rights with respect to Sections 23 and 26 in the Underlying Unit would be harmed. This is no different than the Commission's determination, as to the underlying unit at issue in *Dominek*, that Section 24's correlative rights would be harmed if they did not receive an allocation from the Weisz Well drilled in the overlapping spacing unit in question. There, the Commission granted the overlapping spacing unit after finding it would prevent waste and protect correlative rights, including the rights of the owners in Section 24. If production from the Weisz lease-line well were not allocated to Section 24, Section 24's correlative rights would be harmed. Section 13 would receive all benefits of the Weisz lease-line well while Section 24 suffers the harm the Weisz lease-line well could cause to production of adjacent wells in the underlying spacing unit. That is no different than Andress Sandefer's claim with respect to their interests and correlative rights in Sections 23 and 26 of the Underlying Unit in relation to Sections 35 and 2 in both the Underlying Unit and Overlapping Unit. When an underlying spacing unit is partially in and partially out of the overlapping spacing unit, the Commission has asserted allocation across the underlying spacing unit is necessary to protect correlative rights of all owners in the pool.
- (25) The Orders creating the Underlying Unit and Overlapping Unit have not terminated, and must be enforced by the Commission. As such, because the Underlying Unit and Overlapping Unit Orders have not terminated, Continental must allocate production from the Carson Peak 4 and Whitman FIU 13 wells in the Overlapping Unit to the Underlying Unit. The Orders creating the Underlying Unit, which includes Andress Sandefer's interests in Sections 23 and 26, Order Nos. 14604 and 14262, have not terminated. Andress Sandefer have made a claim, over which the Commission has jurisdiction and authority, to explain and interpret its Orders, as to their correlative rights and prevention of waste, and to determine the allocation of production from the two lease-line wells in the Overlapping Unit to the Underlying Unit in accordance with Chapter 38 08.
- (26) N.D.C.C. § 38-08-08(1) provides, "[t]hat portion of the production allocated to each tract included in a spacing unit covered by a pooling order must, when produced, be deemed for all purposes to have been produced from such tract by a well drilled thereon." Each Commission order includes the same or similar language used in the underlying spacing unit

order, that is: "this order shall be effective from the date of first operations within the spacing unit, and shall remain in full force and effect until further order of the Commission." The Orders creating and amending the Underlying Unit, Order No. 14604 (issued April 22, 2010), Order No. 14262 (issued May 10, 2010) and Order No. 28556 (issued November 6, 2017), consisting of Sections 23, 26, 35, and 2, have this same language. "This order shall be effective from the date of first operations within the spacing unit, and shall remain in full force and effect until further order of the Commission." Order No. 14262 at ¶ 8. See also Order No. 28556 at ¶ 57 (stating, "This order shall cover all of Oakdale-Bakken Pool, common source of supply of crude oil and/or natural gas as herein defined, and continues in full force and effect until further order of the Commission or until the last well in the pool has been plugged and abandoned.") There has been no order to terminate the Underlying Unit and the obligations created by the Orders remain in full force and effect. The Commission has a continuing duty to enforce these Orders, and to ensure that Continental allocates production from the Carson Peak 4 and Whitman FIU 13 wells across the Underlying Unit as claimed by Andress Sandefer. As such, Sections 23 and 26 in the Underlying Unit therefore receive a proportionate share of all production from Sections 35 and 2, and Sections 35 and 2 receive a proportionate share of all production allocated to Sections 23 and 26.

- Andress Sandefer's claim, and their Application, is not barred by the statute of (27)limitations. Andress Sandefer brought their claim in August of 2023, only 13 months after the Whitman FIU 13 Well began producing. Andress Sandefer first contacted Continental in May 2022 regarding Continental's failure to allocate them an interest in the Carson Peak 4 Well. The Carson Peak 4 Well began consistent production in June 2019, and within three years, Andress Sandefer inquired of Continental as to why they had not yet received any allocation from the well, and brought their Application within four years. As noted above, the Commission maintains continuing jurisdiction, and has authority at any time, to enforce its orders, and to protect correlative rights and prevent waste. N.D.C.C § 38-08-04 provides that the Commission "has continuing jurisdiction and authority over all persons and property, public and private, necessary to effectuate the provisions of this chapter." The authority and power vested by law in the Commission is a continuing duty. "This power is a continuing duty. §§ 38-08-07(4) and 38-08-09.2, N.D.C.C. The Commission has the power and authority to modify the spacing units whenever it is necessary to prevent waste or avoid the drilling of unnecessary wells, or to protect correlative rights." Amoco Prod. Co. at 843. Commission's powers are continuous, as well. See Black Hills Trucking, Inc. v. N. Dakota *Indus. Comm'n*, 2017 ND 284, ¶ 12, 904 N.W.2d 326.
- (28) The Orders at issue all provide, in some form, that they are "effective from the date of first operations within the spacing unit, and shall remain in full force and effect until further order of the Commission." It would offend the Commission's continuing jurisdiction and powers, and its "continuing duty," if it determined that Continental could violate North Dakota law and the Commission's Orders by failing to allocate production to Andress Sandefer's interest in the Underlying Unit simply because Andress Sandefer filed their Application four years after the Carson Peak 4 Well was brought online and a year after the Whitman 13 FIU Well was brought online. That would effectively add language to each Order

that it is only effective, and can only be enforced, for less than four years. There is no such language or time limit in any of the Orders, or under North Dakota law.

The Commission rejects Continental's standing argument. Andress Sandefer has standing to bring their claim and Application to the Commission. North Dakota law allows an interested party to bring an application for hearing to the Commission. "The commission may act upon its own motion or upon the petition of any interested person. On the filing of a petition concerning any matter within the jurisdiction of the commission, the commission shall fix a date for a hearing and give notice." N.D.C.C. § 38-08-11(4). Andress Sandefer is an interested person as they own an interest in the Underlying Unit, and Continental has failed, and continues to fail, to allocate them any production from the Carson Peak 4 and Whitman 13 FIU wells in the Overlapping Unit. Continental admits these facts are true. All that was required for Andress Sandefer to initiate an action at the Commission was for them, as an interested party, to file a petition. "Section 38-08-11, N.D.C.C., provides a procedure for addressing matters under the jurisdiction of the Commission. The Commission may act either on its own motion or on the filing of a petition. N.D.C.C. § 38-08-11(4). Following the filing of a petition, the Commission shall hold a hearing and issue a decision. Id." Armstrong v. Helms, 2022 ND 12, ¶ 10, 969 N.W.2d 180. The Commission's jurisdiction, through statute, is broad and general. See N.D.C.C. § 38-08-04. In furtherance of this authority, N.D.C.C. § 38-08-11 sets forth procedures for practice before the Commission, and gives the Commission the choice of bringing its own motion or hearing a petition of any interested person. N.D.C.C. § 38-08-11(4). In an application, the petitioner only need to state the name or general description of the common source of supply affected by the order, rule, or regulation sought, and briefly the general nature of the order, rule, or regulation sought in the proceedings. See N.D.A.C. § 43-02-03-88 (the general authority and law implemented for N.D.A.C. § 43-02-03-88 is N.D.C.C. § 38-08-11). The Application here does that. In Texaco Inc., the Court recognized the Commission has the authority to grant relief to "afford to the owner of each interest in the spacing unit the opportunity to receive his just and equitable share." 448 N.W.2d at 624. Granting the relief requested by Andress Sandefer aligns with this, and the established industry practice concerning underlying spacing unit allocation with respect to lease-line wells, so as to protect Andress Sandefer's correlative rights and prevent waste.

#### IT IS THEREFORE ORDERED:

(1) For the reasons stated herein, Con	tinental's Motion to Dismiss is hereby denied.
Dated this day of	, 2024.
	INDUSTRIAL COMMISSION STATE OF NORTH DAKOTA
	/s/ Doug Burgum, Governor

/s/ Drew H. Wrigley, Attorney General

/s/ Doug Goehring, Agricultural Commissioner

 From:
 Danso, Bridget Y.

 To:
 Forsberg, Sara L.

 Subject:
 FW: Case No. 30604

**Date:** Monday, January 8, 2024 4:10:47 PM

Attachments: 30604 Reply in Support of Motion to Dismiss Continental Resources.pdf

Please find the information attached.

From: Tracy Peterson <TPeterson@bwenergylaw.com>

Sent: Monday, January 8, 2024 2:44 PM

**To:** -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Sagsveen, Matthew A. <masagsve@nd.gov> **Cc:** Joshua A. Swanson <jswanson@vogellaw.com>; James Parrot <JParrot@bwenergylaw.com>; Jake Haseman <jhaseman@bwenergylaw.com>

Subject: Case No. 30604

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Hello all,

Attached for filing in the above-referenced case number is a pdf of Continental's Rely in Support of Motion to Dismiss.

Thank you.

Tracy Peterson

Tracy L. Peterson | Legal Assistant Beatty & Wozniak, P.C.

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# BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

In the Matter of the Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, and Robert "Bob" Fulwiler to consider the allocation of production attributable to them from the Carson Peak 4-35 HSL and Whitman FIU 13-34 HSL1 section line wells based on their interests in the underlying spacing unit consisting of Sections 23, 26, and 35, Township 147 North, Range 96 West, 5th P.M., and Section 2, Township 146 North, Range 96 West, 5th P.M.

Case No. 30604

# **REPLY IN SUPPORT OF MOTION TO DISMISS**

Comes now, Continental Resources, Inc. ("Continental"), by and through its attorneys, Beatty and Wozniak, P.C., and submits this Reply ("Reply") to the North Dakota Industrial Commission ("Commission") in support of Continental's Motion to Dismiss dated December 4, 2023, filed in the above-captioned matter ("Motion"). Capitalized terms used but not defined herein shall have the same meaning as set forth in the Motion.

## I. Introduction

This case is a simple dispute over payment of oil and gas proceeds, albeit with the potential to set far-reaching precedent affecting tens of thousands of operators and royalty owners (including royalty owners in the spacing units at issue in this docket) who are not participating in this matter.

The Commission's authority is defined and limited by statute. North Dakota courts and the Commission have made abundantly clear the Commission does not have jurisdiction to adjudicate royalty payment disputes. There is no cause of action through which the Applicants may bring their requests for relief. The Commission does not have the authority or jurisdiction to, and should not, reallocate proceeds from wells that have been producing for years; it simply does not have authority or jurisdiction over the Applicants' requested relief.

The North Dakota Supreme Court's decision in the *Dominek*<sup>2</sup> case is fatal to Applicants' requests for relief and its legal arguments, and the Applicants' reliance on a nonbinding and unpersuasive order from the federal court in *Dominek*<sup>3</sup> is misplaced. Likewise, the Applicants repeated insistence that *amicus* briefs submitted in the Supreme Court *Dominek* case are binding or should be persuasive in this matter is simply incorrect, especially because the North Dakota Supreme Court's holding in *Dominek* directly contradicts the foundational assumptions on which those *amicus* briefs

<sup>&</sup>lt;sup>1</sup> Order No. 26732 (Case No. 23916) ("Additionally, payment of royalties is a function of the relationship between the lessor and lessee. This relationship is outside of the Commission's jurisdiction.").

<sup>&</sup>lt;sup>2</sup> Dominek, et al. v. Equinor Energy, et al., 2022 ND 211, 982 N.W.2d 303.

<sup>&</sup>lt;sup>3</sup> Dominek v. Equinor Energy L.P., 2023 U.S. Dist. LEXIS 94929 (D.N.D. 2023).

are based. While the Applicants repeatedly offer the same quotes from these inapposite sources, they barely address the Supreme Court's central holding in the *Dominek* case.

Moreover, the Applicants are barred from seeking the requested relief. They had the opportunity, but chose not to avail themselves of it, when the Commission established the Square 2560s and again when the Commission pooled the Square 2560s. Having slept on their rights for years, they cannot now assert a right to appeal, or demand reconsideration of, those existing orders. Applicants are not entitled to a third bite at the apple. Continental has relied on the existing orders in distributing tens of millions of dollars in royalties and proceeds, and it simply cannot be expected to recoup and redistribute those significant distributions. Furthermore, such a revision would take those proceeds from other owners who have likewise relied on years of distributions without any challenge from Applicants.

Continental's *amicus* brief in *Dominek* articulated a position consistent with Continental's Motion, although the Applicants selectively quote Continental's brief out of context to misconstrue Continental's position. This case presents an issue that should only be decided by the legislature in a forum that allows all stakeholders to participate. It should not be decided within the narrow confines of a single case, where only a scant handful of parties—out of the tens of thousands of parties who will be affected—may participate.

# II. The Commission's Limited Jurisdiction

At its core, this matter is a royalty payment dispute. The Applicants repeatedly complain they have not been paid proceeds from the Subject Wells, which they claim they are entitled to by virtue of their mineral ownership outside the Subject Wells' spacing unit. Continental does not dispute the Applicants' claim of nonpayment but does dispute they are entitled to proceeds from the Subject Wells based on their mineral ownership outside the Subject Wells' spacing units. This is the same type of dispute the Commission has previously dismissed, as it does not involve itself in payment of proceeds disputes. The jurisdiction of the Commission, while broad, is limited and only extends to that which has been granted by statute and, hence, is not unlimited,<sup>4</sup> and the Commission regularly dismisses applications over which it has no jurisdiction.<sup>5</sup>

The Applicants own mineral interests in the North Square 2560. They have not been paid royalties for production from the Subject Wells comprising mineral interests in the South Square 2560. Continental contends they are not owed any royalties on production from the Subject Wells, whereas the Applicants believe that they are owed such royalties. Royalty payment disputes are governed by N.D.C.C. § 47-16-39.1, which specifically provides that "(t)he district court for the county in which the oil or gas well is located has jurisdiction over any proceeding brought under this section." Any action to

<sup>&</sup>lt;sup>4</sup> Order No. 30240 in Case No. 27791; Order No. 30283 in Case No. 27748; see also, e.g., Schank v. North Am. Royalties, Inc., 201 N.W.2d 419 (N.D. 1972).

<sup>&</sup>lt;sup>5</sup> See, e.g., Order No. 29397 in Case No. 26694.

enforce payment of royalties "must be brought in the district court for the county where the well is located." The Commission does not adjudicate royalty disputes.

Where the "mineral owner and mineral developer disagree over the mineral owner's ownership interest in a spacing unit" N.D.C.C. § 47-16-39.4 applies. The Applicants contend their mineral ownership in the North Square 2560 gives them an ownership interest in the South Square 2560 by virtue of the unrelated pooling orders that pooled the Standup 2560s. Essentially, the Applicants allege a "constructive ownership" interest in the South Square 2560. Continental disagrees and argues that only owners in lands included in the South Square 2560 have any ownership interest in the South Square 2560. Thus, the "mineral owner and mineral developer disagree over the mineral owner's ownership interest in" the South Square 2560. The Commission has no jurisdiction over this dispute because it is governed by N.D.C.C. § 47-16-39.4, and the Commission has no authority to interpret Chapter 47-16 or adjudicate disputes governed by Chapter 47-16. It only has jurisdiction within the context of Title 38.

The Commission's authority to act is created and granted by the Legislature. An exhaustive search of Chapter 38-08 of the North Dakota Century Code reveals no statute authorizing the Commission to engage in reallocating proceeds from production in a pooled spacing unit. The only argument for any authority under the facts of this case is the pooling statute,<sup>8</sup> but the Supreme Court rejected that argument. Continental cited ample authority in its Motion to support its argument that the Commission's jurisdiction is limited. For example, Continental explained the Commission *does* have authority to direct allocation of production in a *unitization* order,<sup>9</sup> which is completely different from orders that establish and pool spacing units pursuant to N.D.C.C. § 38-08-08. This contrasts sharply with the lack of allocation authority in N.D.C.C. § 38-08-08. The inclusion in N.D.C.C. § 38-08-09.4(2) and the exclusion from N.D.C.C. § 38-08-08 means the legislature did not want to empower the Commission with authority to reallocate proceeds in pooled spacing units. See also Section IV.B., and footnotes 30, 31, and 35 from the Motion.

The Applicants repeatedly, and incorrectly, reference N.D.C.C. §§ 38-08-04(1) as granting the Commission authority to *allocate* production from the Subject Wells. <sup>10</sup> That statute, which provides the Commission may limit production from a pool in order to preserve reservoir energy, and allocate the allowable production to various proration units within the pool, <sup>11</sup> is completely unrelated to allocation of proceeds from wells. <sup>12</sup>

<sup>&</sup>lt;sup>6</sup> Newfield Exploration Company v. State ex rel. North Dakota Board of University and School Lands, 2022 ND 166, ¶¶ 14-16, 979 N.W.2d 913, 917.

<sup>&</sup>lt;sup>7</sup> Response, ¶ 15 ("All owners,' including Andress Sandefer, not just those owners whose interests are subsequently committed to the Overlapping Spacing Unit, are entitled to share in any production from lands pooled in the Base Unit, aka, the Underlying Spacing Unit. That is precisely what Andress Sandefer claims.").

<sup>8</sup> N.D.C.C. § 38-08-08.

<sup>&</sup>lt;sup>9</sup> N.D.C.C. § 38-08-09.4(2).

<sup>&</sup>lt;sup>10</sup> Application, ¶ 6; Response, ¶ 8.

<sup>&</sup>lt;sup>11</sup> N.D.C.C. §§ 38-08-04(1)(c) and 38-08-06.

<sup>&</sup>lt;sup>12</sup> "'Allocated pool' is one in which the total oil or natural gas production is restricted and allocated to various proration units therein in accordance with proration schedules." N.D.A.C. § 43-02-03-01(2).

The allocation authorized by N.D.C.C. § 38-08-09.4(2) is only allocation of allowable production in a limited production situation. For example, the Commission might find that a particular pool can only produce 1,000 bbls per day and still maintain adequate reservoir pressure to prevent waste. That same pool might be currently producing 2,000 bbls per day from 10 different operators. So the Commission might limit production to 1,000 bbls per day and allocate that 1,000 bbl limit among the ten operators. None of the allocation provisions of Chapter 38-08 authorizes the Commission to reallocate production from wells in existing, pooled units.

The Applicants also misconstrue the Commission's broad, comprehensive, and continuous powers to enforce its orders and Chapter 38-08. The Commission does enforce its orders and statutory authority but cannot order reallocation of proceeds when such a result is not authorized by a statute. Enforcement is addressed by N.D.C.C. § 38-08.1-07, which authorizes the Commission to impose penalties for noncompliance of up to \$1,000 per day. The Commission, not the Applicants, enforce the Commission's rules and orders. 13 There is no private cause of action in the Commission's statutes or regulations that allows an individual to file an application for enforcement of the Commission's rules, as the Applicants appear to argue. The Commission may bring an action to enforce its statutes, rules, regulations, and orders, but must do so in district court. 14 The Applicants cannot bring an application to the Commission to enforce any statute, rule, regulation, or order. The Applicants can only bring an action in district court, and only after the Commission refuses to take action after ten days' notice. 15

The Commission's powers are not without limit. 16 The Commission is a creature of statute and has only the authority granted to it by the legislature, or necessarily implied by a legislative grant of authority. 17 The Commission has continuing authority to reconfigure spacing units when necessary to prevent waste or protect correlative rights. 18 It has not, however, been granted authority to retroactively reallocate proceeds from producing wells. The Applicants have not asked for reconfiguration of the Square 2560s, which would entail a prospective reallocation of proceeds from the Subject Wells. They could have advocated for that reconfiguration years ago, or even during the spacing and pooling hearings for the Square 2560s. However, they waited until years after production from the Subject Wells started, when they had a thorough production history, and now seek a retroactive reallocation of proceeds to their benefit starting from first production. Such relief is not within the Commission's continuous and broad powers.

<sup>13</sup> N.D.A.C. §§ 43-02-03-05, 43-02-03-54.

<sup>&</sup>lt;sup>14</sup> N.D.C.C. § 38-08-17(1).

<sup>&</sup>lt;sup>15</sup> N.D.C.C. § 38-08-17(2).

<sup>&</sup>lt;sup>16</sup> Order Nos. 30240 and 30283 and *Schank*, *supra*, note 4.

<sup>&</sup>lt;sup>17</sup> First Bank of Buffalo v. Conrad, 350 N.W.2d 580, 584 (N.D. 1984).

<sup>&</sup>lt;sup>18</sup> N.D.C.C. § 38-08-08(4) ("When found necessary... to protect correlative rights, an order establishing spacing units in a pool may be modified by the commission to increase or decrease the size of spacing units...).

The Applicants, who mask their contractual claims for underpayment of royalties as a violation of correlative rights, also fundamentally misconstrue the Commission's authority to protect correlative rights. 19 Reallocating royalty payments between royalty owners has nothing to do with correlative rights. The Commission does not have plenary jurisdiction over protection of correlative rights, the way it does regarding prevention of waste. For example, N.D.C.C. § 38-08-04(1) empowers the Commission to "make such investigations as it deems proper to determine whether waste exists or is imminent" but does not address correlative rights. The Commission is only charged with protecting correlative rights within certain limited contexts, including: (i) authorizing a drilling location within 500 feet of an occupied dwelling; 20 (ii) establishing spacing units; <sup>21</sup> (iii) authorizing a nonstandard drilling location; <sup>22</sup> (iv) reconfiguring existing spacing units; and (v) authorizing plans of unitization.<sup>23</sup> Nothing in the pooling statute requires protection of correlative rights.<sup>24</sup> A party is not able to invoke hearings and orders from the Commission simply to protect correlative rights. It can only do so within the limited contexts mentioned above. Correlative rights is not a catch-all category that need only be invoked to trigger the Commission's jurisdiction. The Applicants have not alleged any violation of correlative rights resulting from a drilling location, spacing unit establishment or configuration, or unitization. The Applicants have not asked to amend the applicable spacing orders. The Commission does not have jurisdiction over the Applicants' requested relief simply because the Applicants make vague references to correlative rights.

Moreover, the Applicants' correlative rights argument is a slippery slope that would produce absurd results. The Applicants request the Commission reallocate production from the Subject Wells because their correlative rights are being violated. If the Commission were, in fact, obligated to do as the Applicants allege, it would have a duty to reallocate production from every well in the State of North Dakota, to ensure that no owner's correlative rights are violated. This would mean reallocating production every time two wells in a spacing unit perform unequally, or, in reality, reallocating production for every spacing unit in the state with more than one producing well. This irrational result is the natural outcome of the Applicants' correlative rights argument.

The Applicants repeatedly allege, with no supporting evidence, that the Subject Wells affect the performance of other wells in the Square 2560s. If the Applicants have any actual evidence the Subject Wells are inappropriately draining the Applicants' minerals, they may seek appropriate relief through the continuing jurisdiction of the Commission to reconfigure spacing units to protect correlative rights. However, the Applicants have not sought this relief, but have instead fabricated a nonexistent cause of action to request relief the Commission is not authorized to grant.

 $<sup>^{19}</sup>$  Response,  $\P$  12 ("...the Commission has jurisdiction over claims involving protection of correlative rights...").

<sup>&</sup>lt;sup>20</sup> N.D.C.C. § 38-08-05.

<sup>&</sup>lt;sup>21</sup> N.D.C.C. § 38-08-05(1).

<sup>&</sup>lt;sup>22</sup> N.D.C.C. § 38-08-05(3).

<sup>&</sup>lt;sup>23</sup> N.D.C.C. § 38-08-09 through 38-08-09.9.

<sup>&</sup>lt;sup>24</sup> N.D.C.C. § 38-08-08.

<sup>&</sup>lt;sup>25</sup> *Id*.

# III. The Dominek Case

In the *Dominek*<sup>26</sup> case, the North Dakota Supreme Court issued the only holding binding on the present matter. The Court stated "Section 38-08-08(1), N.D.C.C., does <u>not</u> require allocation of production from Section 13 [the overlapping spacing unit] to Section 24 [the underlying unit]."<sup>27</sup>

The Applicants only make *two claims for relief* in the Application:

- (i) that the Commission order that production from the [Subject Wells] be allocated to them based on their interest in the Underlying Spacing Unit as required by N.D.C.C. § 38-08-08(1), and consistent with the Commission's interpretation of North Dakota law in Dominek, and
- (ii) to protect their correlative rights.<sup>28</sup>

The Supreme Court stated in *Dominek* that N.D.C.C. § 38-08-08 *does not require* allocation of proceeds from the Subject Wells to the Northern Square 2560.<sup>29</sup> Therefore, the decision in *Dominek* is fatal to the Applicants' request that proceeds from the Subject Wells be allocated to them *as required by N.D.C.C.* § 38-08-08(1). The Supreme Court explicitly held the Applicants' proposed allocation *is not required by N.D.C.C.* § 38-08-08(1). Moreover, the Supreme Court *rejected* the Commission's interpretation of North Dakota law in the *Dominek* case. The Commission stated in its brief that it "interprets N.D.C.C. § 38-08-08(1) to require a proportionate amount of any production allocated to Section 13, to be allocated to Section 24 so long as the Underlying Unit Order has not been terminated." <sup>31</sup> The Supreme Court squarely rejected this argument. The rest of the Commission's Brief flowed from the Commission's initial flawed premise and are likewise incorrect. Therefore, the Application requests relief previously rejected by the Supreme Court in *Dominek*.

There is no other statutory authority authorizing the Commission to allocate Production from an Overlapping Spacing Unit to an Underlying Spacing Unit, as requested by Applicants in this docket. To the extent that Applicants are asking the Commission to allocate production in the manner that was rejected by the Supreme Court in *Dominek*, such an interpretation would be contrary to the law, and constitute an unlawful action. Notably, the Applicants barely address this central and binding holding as it applies to their arguments, and then only tangentially, in context of the federal district court's decision, which the Applicants incorrectly interpret as binding on this Commission. Applicants repeatedly quote their own Application along with *amicus* briefs submitted in the *Dominek* case in support of their contention that the statute does

<sup>&</sup>lt;sup>26</sup> Dominek, supra, note 2.

<sup>&</sup>lt;sup>27</sup> Dominek, supra, note 2, P14 (emphasis added).

<sup>&</sup>lt;sup>28</sup> Application, ¶ 15 (emphasis added).

<sup>&</sup>lt;sup>29</sup> Dominek, supra, note 2, P14.

<sup>30</sup> Id

<sup>&</sup>lt;sup>31</sup> Commission Amicus Curiae Brief, Supreme Ct. No. 20220088, ¶ 16 (hereinafter, "Commission's Brief").

require the Applicants' preferred allocation.<sup>32</sup> However, as explained in greater detail below, those amicus briefs are neither binding nor persuasive. Moreover, the arguments in those briefs proved contrary to North Dakota law to the extent they relied on the premise that Section 38-08-08(1), N.D.C.C. requires allocation of production from the overlapping spacing unit to the underlying unit.

The Applicants cannot amend their Application through a response to a motion to dismiss. Initially, only two requests for relief were made, and the first is directly barred by the Supreme Court's decision in *Dominek*. The Applicants make their second request for relief ("to protect their correlative rights") only in the context of their first claim for relief (to allocate their production from the Subject Wells). Consequently, it too is barred by the *Dominek* decision. Moreover, it is so vague as to be meaningless, and is not a valid Application under any of the Commission's statutes or rules. The Applicants' requests for relief are contrary to law, as recently expressed in the *Dominek* case, and must be dismissed.

# IV. The Federal Court Decision in Dominek

The Applicants' reliance on an order from the United States District Court for the District of North Dakota is misplaced. The Applicants repeatedly quote from the federal court's decision<sup>33</sup> following the North Dakota Supreme Court's decision in *Dominek*. In the federal district court matter, the federal court issued an order granting Equinor's motion to dismiss based on a finding that the Domineks failed to exhaust administrative remedies. However, in the federal court case, the Plaintiffs' claim required "the interpretation and application of at least two pooling orders which are not easily understood."<sup>34</sup>

Conversely, the Applicants are not asking the Commission in this case to "interpret and apply" pooling orders. The Applicants are not asking the Commission to *explain* its pooling orders. Nothing in the Application requests "explanation" or "interpretation" of any Commission orders. Simply put, the Applicants are asking for a *reallocation* of proceeds from the two Subject Wells, 35 which the Commission does not have the authority to order. Such a reallocation order might entail some interpretation of the Commission's prior orders, but reallocation remains outside the Commission's authority. The federal court's decision is irrelevant because the instant case does not ask for "interpretation and application" of the Commission's existing orders. It asks for a *new order* for reallocation of proceeds from the Subject Wells.

<sup>&</sup>lt;sup>32</sup> See, e.g., Response, ¶¶ 8, 15, 20, note 3;

<sup>&</sup>lt;sup>33</sup> Dominek, supra, note 3.

<sup>&</sup>lt;sup>34</sup> *Id.*, \*13

 $<sup>^{35}</sup>$  Application,  $\P$  15. Contrary to the plain language of the Application, Applicants contend in their Response that they are requesting "the Commission to interpret and enforce its own Orders," (Response,  $\P$  16; see also, Response,  $\P$  30, 49), but nothing in the Application requests interpretation or enforcement. The Applicants cannot amend their Application by means of a response to a motion to dismiss.

The federal court stated "[a]llowing the Industrial Commission the opportunity to explain the meaning of the language it used in its pooling orders is not the same as deciding a contractual or royalty dispute." <sup>36</sup> The Applicants are not asking for explanation of the pooling orders. They are asking for a new order to reallocate proceeds, or alternatively, for an appeal or reconsideration of the spacing and pooling orders. They are asking for the Commission to resolve a payment of proceeds claim, which is a royalty dispute. Therefore, the district court's holding is irrelevant.

Even if the Applicants were requesting the same relief as the plaintiffs in the federal court matter, which they are not, federal court decisions are not binding on the State of North Dakota's courts.<sup>37</sup> The Commission is in no way obligated to abide by a short discussion in a single order from a federal district court. North Dakota's Supreme Court is the only court able to set binding precedent as to the Commission's jurisdiction to grant the relief requested by Applicants.

# V. Amicus Briefs

The Applicants' repetitive quotes from amicus briefs submitted to the North Dakota Supreme Court in the *Dominek* case are inapposite and irrelevant. The Commission's Brief in the *Dominek* case was authored and signed by an assistant attorney general and has never been authorized and/or adopted by the Commission. It does not, and cannot be interpreted as, representing the Commission's definitive interpretation of its statutes. 38 Moreover, the arguments advanced by the assistant attorney general in the Commission's Brief were rejected by the Supreme Court. The Commission's Brief stated "[t]he Commission interprets N.D.C.C. § 38-08-08(1) to require a proportionate amount of any production allocated to Section 13, to be allocated to Section 24 so long as the Underlying Unit Order has not been terminated."39 The North Dakota Supreme Court held exactly the opposite in *Dominek*, stating "Section 38-08-08(1), N.D.C.C., does not require allocation of production from Section 13 to Section 24." 40 The Commission's Brief was predicated on this fundamental misunderstanding of the Commission's own statute. The remainder of the brief must be viewed through the lens of that incorrect legal conclusion. The Commission has never adopted any rule, policy, or order, after proper notice and hearing, to address the issues raised in this matter and Dominek. Moreover, the Commission has had no occasion to revise that flawed analysis in light of the North Dakota Supreme Court's correction of the misinterpretation evident from the Commission's Brief.

Nor is the North Dakota Petroleum Council's *amicus* brief<sup>41</sup> persuasive in the present case. It was submitted without consultation with Continental or other operators

<sup>&</sup>lt;sup>36</sup> Dominek, supra, note 3, \*14.

<sup>&</sup>lt;sup>37</sup> N.D. Fair Hous. Council, Inc. v. Peterson, 2001 ND 81, P45, 625 N.W.2d 551, 563 ("A federal district court decision interpreting North Dakota law is not binding upon North Dakota courts.").

<sup>&</sup>lt;sup>38</sup> The Commission's Brief is hearsay. As hearsay, it is inadmissible. N.D.R.Ev. 802.

<sup>&</sup>lt;sup>39</sup> Commission's Brief, ¶ 16.

<sup>&</sup>lt;sup>40</sup> *Dominek*, 2022 ND 211, P14.

<sup>&</sup>lt;sup>41</sup> North Dakota Petroleum Council Amicus Curiae Brief, Supreme Ct. No. 20220088.

who likewise employ Continental's allocation method, and contained significant errors pointed out by Continental in its *amicus* brief. Moreover, it was based on the same incorrect interpretation as the Commission's about N.D.C.C. 38-08-08, which the North Dakota Supreme Court rejected in *Dominek*.

The Applicants egregiously mischaracterize Continental's brief<sup>42</sup> in the *Dominek* case by providing a very limited quote, out of context, and then arguing the quote means Continental already admitted this matter is within the Commission's iurisdiction. 43 Dominek involved the North Dakota Supreme Court's interpretation of the Commission's statutes and existing pooling orders, whereas Applicants are currently requesting the Commission a *new* order requiring "production from the [Subject Wells] be allocated to them." More importantly, Continental advocated for a solution from elected officials, which would provide all affected stakeholders a chance to participate. Continental stated "[t]he best way to protect the right to participate in the decisionmaking process for potentially affected parties is through the political system."44 Read as a whole, Continental's Brief advocated for a legislative solution. Continental stated that the statutory and order interpretation matter at issue in the Dominek case might be addressed by the Commission only if the legislature failed to act. 45 In no way does that imply a single adjudicatory hearing involving a scant handful of directly affected parties. The Commission is empowered to make rules, which have statewide affect and, in doing so, must give all stakeholders the chance to comment on and debate its implications. The Commission is also authorized to reconfigure spacing units to protect correlative rights on a case-by-case basis, without setting statewide precedent. This is not what the Applicants' have requested in this case. There are many options available other than a hearing on the Application now before the Commission. The Applicants distortion of a single sentence in an amicus brief to imply Continental agrees the Commission has jurisdiction over this case, which presents completely different questions from those at issue in *Dominek*, is both misleading and disingenuous.

# VI. Standing, Laches, Failure to State a Claim

#### A. Standing and Laches

Continental's standing and laches arguments are closely related. The Applicants had ample opportunities to raise their concerns to the Commission during the spacing and pooling hearings for the Square 2560s. Continental and the Commission complied with all notice requirements for those hearings. The Applicants chose not to participate in those hearings, and instead waited until they had years of beneficial production data from the Subject Wells to evaluate before bringing their claims. By failing to participate in the original hearings, they no longer have standing to appeal those orders. Meanwhile, Continental has distributed tens of millions of dollars in revenue from the Subject Wells and likely cannot recoup those revenues from the payees. The Applicants

<sup>&</sup>lt;sup>42</sup> Continental Amicus Curiae Brief, Supreme Ct. No. 20220088 (hereinafter, "Continental's Brief").

<sup>&</sup>lt;sup>43</sup> Response, ¶ 17

<sup>&</sup>lt;sup>44</sup> Continental's Brief, ¶ 14.

<sup>&</sup>lt;sup>45</sup> *Id*.

delayed years in raising their concerns which is prejudicial to Continental. Thus, laches shields Continental from the Applicants' claims.

As the Applicants recognize, "[l]aches is generally a question of fact."46 In this case, there are no facts in dispute applicable to Continental's laches argument. The Subject Wells' first production dates—June 2019 for the Carson Peak 4-35 HSL Well ("Carson Peak Well") and July 2022 for the Whitman FIU 13-34 HSL1 Well ("Whitman Well") - are matters of public records and in any case are admitted in the Applicants' Response. 47 The Commission's Square 2560 spacing orders are also matters of public record and the effective dates are undisputed by the Applicants (October of 2016 and October of 2017). The same is true for the Square 2560 spacing orders (November of 2016 and March of 2019). The hearing files conclusively prove the Applicants did not participate in the spacing or pooling hearings, nor do they allege otherwise. The Applicants also do not dispute that as of September, 2023, the Subject Wells have produced over one million bbls of oil and over 1.7 Bcf of natural gas. The Applicants do not dispute Continental has already paid tens of millions of dollars in proceeds and will not easily be able to recoup those payments, if at all. The Applicants themselves admit they waited until nearly three years after the Whitman Well began producing to contact Continental with any concerns, 48 by which time the Whitman Well had already produced hundreds of thousands of barrels of oil. The Applicants further admit they waited over a year after the Whitman Well began production to bring their Application.<sup>49</sup> This is a clear-cut, undisputed set of facts that indisputably trigger laches to require denial of the Applicants' claims.

Related to Continental's laches defense is its standing argument. The Applicants had ample opportunity to raise their concerns during the 2016-2017 spacing hearings, and again during the 2016 and 2019 pooling hearings. The Applicants are either asking for a new order reallocating production, which is a nonexistent, invented claim, or are asking for an appeal or reconsideration of the Commission's spacing and pooling orders. Having failed to participate in those hearings at all, they no longer have standing to appeal or request reconsideration of the orders. Continental's reliance on *Energy Transfer LP* <sup>50</sup> is valid, as it states the standing requirements for appealing *any* administrative agency order by clarifying who is considered a "party" for purposes of an appeal.

### B. Failure to State a Claim

The Applicants misunderstand Continental's argument that Applicants failed to state a claim for which relief can be granted. Continental is not arguing whether the

<sup>46</sup> Response, ¶ 37 (citing *Bakken v. Duchscher*, 2013 ND 33, ¶ 20, 827 N.W.2d 17.) (emphasis added).

<sup>&</sup>lt;sup>47</sup> Response, ¶ 38 ("The Carson Peak 4 Well began consistent production in June 2019…" and "The Whitman FIU 13 Well did not begin production until July 2022.").

<sup>&</sup>lt;sup>48</sup> Response, ¶ 38 ("The Carson Peak 4 Well began consistent production in June 2019…" and "Andress Sandefer first contacted Continental in May 2022 regarding… the Carson Peak 4 Well.).

<sup>&</sup>lt;sup>49</sup> Response, ¶ 38 ("The Whitman FIU 13 Well did not begin production until July 2022. Andress Sandefer brought their claim in August 2023, only 13 months after the Whitman FIU 13 Well began producing…").

<sup>&</sup>lt;sup>50</sup> Energy Transfer LP v. N. Dakota Priv. Investigative & Sec. Bd., 2022 ND 85, 973 N.W.2d 394.

Applicants have stated a claim of some sort. However, it is not a claim for which the Commission can grant relief. As discussed in detail in Continental's Motion, and above, the Applicants have requested reallocation of proceeds from producing wells in established, pooled spacing units. There is no statutory or legal authority for the Commission to issue such an order. The Applicants fail time and again to point to any statute, common law, or Commission rule that specifically authorizes the Commission to issue an order allocating production from a well to specific named parties. There is no such authority. It does not exist. The Applicants might just as well request the Commission to adjudicate their unemployment claim. They might have a perfectly legitimate claim, or might not, but it does not matter because the Commission does not have jurisdiction over unemployment claims.

Moreover, Continental did not file a 12(b)(6) motion, so the Applicants' in-depth analysis of 12(b)(6) motions and standards of review is completely irrelevant. This case is subject to the AAPA and applicable Commission regulations.<sup>51</sup> Unless specifically incorporated by the AAPA, the North Dakota Rules of Civil Procedure are not applicable to the Commission's proceedings.<sup>52</sup> The standard of review is that the Commission will dismiss an application if it requests relief that the Commission cannot grant.<sup>53</sup> It is not a matter of assuming the Applicants' allegations to be true. The Commission is not obligated to do so. Moreover, the Application is rife with threadbare recitals supported by mere conclusory statements.<sup>54</sup> The Applicants' lengthy argument that it stated a claim that should survive a 12(b)(6) motion is simply extraneous. There is only one issue that matters for Continental's argument that Applicants failed to state a claim for which relief can be granted. The issue is that Applicants requested a reallocation of production from producing wells in an established, pooled spacing unit, and the Commission cannot grant that relief.

#### VII. <u>Justiciability</u>

The Applicants do not refute Continental's argument that if the Commission rules in this matter, it will potentially affect hundreds of operators and tens of thousands of mineral owners, none of whom are parties to this matter. All the Applicants argue is that the Commission will be left without any ability to protect correlative rights. First, as explained above, the Commission has no ongoing duty to investigate and cure harms to correlative rights. More importantly, the Applicants are simply incorrect. As discussed above, the Commission always retains the right to reconfigure existing units in furtherance of protecting correlative rights. The Commission could, if required to protect correlative rights, enlarge the Square 2560s to cover all the Subject Lands, pool the

<sup>&</sup>lt;sup>51</sup> N.D.C.C. §§ 28-32-01, 38-08-11(1).

<sup>&</sup>lt;sup>52</sup> Skjonsby Truck Line, Inc. v. Elkin, 325 N.W.2d 271, 275 (N.D. 1982).

<sup>&</sup>lt;sup>53</sup> See, e.g., Order No. 29397 in Case No. 26694.

<sup>&</sup>lt;sup>54</sup> See Response at ¶ 5, "production from the Overlapping Spacing Unit would interfere with and impact production from the Underlying Spacing Unit." The Applicants have provided no support or technical evidence to support this claim. It is a conclusory statement. See Response at ¶ 20, "Continental's refusal to allocate them their share of production from the [Subject Wells] violates their correlative rights." The Applicants provide no explanation of this conclusory statement. See, e.g., Response at ¶ 22, alleging that Continental "committed waste" by drilling the Subject Wells, with no explanation of how Continental caused waste.

enlarged units, and ensure distribution of proceeds from the Subject Wells to all owners in all of the Subject Lands. Continental in no way admits this would actually be necessary to protect correlative rights, and in any case, it would require a different hearing. However, the Commission has means and options. It is not without the ability to protect correlative rights, as falsely claimed by the Applicants.

The North Dakota Supreme Court's ruling in *Dominek* is no indication that the Supreme Court rejected Continental's political question doctrine and due process arguments. Firstly, the Supreme Court did not reach that issue. Moreover, the Supreme Court's decision resulted in no requirement to reallocate proceeds, which is exactly what Continental argued for in its amicus brief and argues now in this case. Continental's justiciability arguments remain intact and entirely valid. By dismissing the Application with prejudice, the Commission can ensure all affected stakeholders have a voice. This is the fundamental underpinning of due process recognized by courts in applying justiciability doctrines. The issues raised by the Application are wholly inappropriate for the narrow confines of a Commission adjudicatory hearing and should be reserved for the legislative arena where they belong.

#### VIII. Conclusion

For the reasons stated above, Continental respectfully requests the Commission grant its Motion, dismiss the Application of the Applicants, and grant such other and further relief as the Commission deems appropriate or necessary.

Dated: January 8, 2024.

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Counsel for Continental Resources, Inc.

# **CERTIFICATE OF SERVICE**

The undersigned certifies that a true and correct copy of the foregoing REPLY IN SUPPORT OF MOTION TO DISMISS has been served via email, in the above-captioned matter on this 8th day of January, 2024, as follows:

North Dakota Industrial Commission Attn: Oil and Gas Division 600 E. Boulevard Avenue, Dept. 474 Bismarck, ND 58505-0614 oilandgasinfo@nd.gov Matthew A. Sagsveen, masagsve@nd.gov

Joshua A. Swanson Vogel Law Firm 218 NP Avenue P.O. Box 1389 Fargo, ND 58107-1389 jswanson@vogellaw.com Attorney for Andress Sandefer

James P. Rarrot

From: <u>Joshua A. Swanson</u>

To: <u>James Parrot</u>; <u>Sagsveen, Matthew A.</u>

Cc: -Info-Oil & Gas Division; Forsberg, Sara L.; Helm, Kerrie L.; Tracy Peterson; Jake Haseman; Tracy A. Ottum; Fax

Subject: Re: Petitioners" Response Brief attached // Case 30604

**Date:** Thursday, January 4, 2024 9:07:35 AM

Attachments: Outlook-A black an

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Petitioners will also file their proposed order by the end of the day on January 12.



Joshua A. Swanson | Attorney
T: 701.237.6983 | F: 701.356.6395
vogellaw.com | iswanson@vogellaw.com

From: James Parrot < JParrot@bwenergylaw.com>

Sent: Thursday, January 4, 2024 8:40 AM

To: Sagsveen, Matthew A. <masagsve@nd.gov>; Joshua A. Swanson <jswanson@vogellaw.com>

**Cc:** -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Forsberg, Sara L. <slforsberg@nd.gov>; Helm, Kerrie L.

<khelm@nd.gov>; Tracy Peterson <TPeterson@bwenergylaw.com>; Jake Haseman

<jhaseman@bwenergylaw.com>; Tracy A. Ottum <tottum@vogellaw.com>; Fax <fax@bwenergylaw.com>

**Subject:** RE: Petitioners' Response Brief attached // Case 30604

Thank you very much, Continental will file its proposed order no later than January 12, 2024.

#### Sincerely,

James Parrot, | Shareholder, Beatty & Wozniak, P.C.

Direct: 303-407-4458 | Mobile: 303-917-2261

From: Sagsveen, Matthew A. <masagsve@nd.gov>

Sent: Thursday, January 4, 2024 7:39 AM

To: James Parrot < JParrot@bwenergylaw.com>; Joshua A. Swanson < jswanson@vogellaw.com>

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Subject: RE: Petitioners' Response Brief attached // Case 30604

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Mr. Parrot,

An extension to January 12 should be fine.

Matthew Sagsveen Hearing Officer

**From:** James Parrot < <u>JParrot@bwenergylaw.com</u>>

Sent: Thursday, January 4, 2024 8:38 AM

To: Sagsveen, Matthew A. <masagsve@nd.gov>; Joshua A. Swanson <jswanson@vogellaw.com>

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Subject: RE: Petitioners' Response Brief attached // Case 30604

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Mr. Sagsveen,

Continental's Reply brief is due on January 8, 2024, so Continental would greatly appreciate it if you could allow a few extra days for the proposed orders. I have conferred with Mr. Swanson, and the Applicants don't object to an extension to January 12, 2024, so long as both parties' proposed orders are due on the same day. Therefore, Continental respectfully requests the opportunity to submit its proposed order on its motion on Friday, January 12, 2024.

Thank you very much,

James Parrot, | Shareholder, Beatty & Wozniak, P.C.

Direct: 303-407-4458 | Mobile: 303-917-2261

From: Sagsveen, Matthew A. < masagsve@nd.gov>

Sent: Wednesday, January 3, 2024 3:48 PM

To: James Parrot <<u>JParrot@bwenergylaw.com</u>>; Joshua A. Swanson <<u>jswanson@vogellaw.com</u>>

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**Subject:** RE: Petitioners' Response Brief attached // Case 30604

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Yes, thank you for correcting me.

Matthew Sagsveen Hearing Officer

**From:** James Parrot <<u>JParrot@bwenergvlaw.com</u>>

Sent: Wednesday, January 3, 2024 4:47 PM

To: Sagsveen, Matthew A. <masagsve@nd.gov>; Joshua A. Swanson <<u>iswanson@vogellaw.com</u>>

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Subject: RE: Petitioners' Response Brief attached // Case 30604

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Mr. Svagsveen, did you mean January 8? Thank you.

James Parrot, | Shareholder, Beatty & Wozniak, P.C.

Direct: 303-407-4458 | Mobile: 303-917-2261

From: Sagsveen, Matthew A. < masagsve@nd.gov>

Sent: Wednesday, January 3, 2024 3:44 PM

To: Joshua A. Swanson < iswanson@vogellaw.com>; James Parrot < JParrot@bwenergylaw.com>

Cc: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Forsberg, Sara L. <<u>slforsberg@nd.gov</u>>; Helm, Kerrie L.

<<u>khelm@nd.gov</u>>; Tracy Peterson <<u>TPeterson@bwenergylaw.com</u>>; Jake Haseman

<<u>ihaseman@bwenergylaw.com</u>>; Tracy A. Ottum <<u>tottum@vogellaw.com</u>>; Fax <<u>fax@bwenergylaw.com</u>>

Subject: RE: Petitioners' Response Brief attached // Case 30604

#### CAUTION: EXTERNAL SOURCE

Counsel,

Could both of you submit proposed orders to the Commission regarding Continental's Motion to Dismiss, by the close of business on June 8?

Thanks.

Matthew Sagsveen

**Hearing Officer** 

From: Joshua A. Swanson < jswanson@vogellaw.com>

Sent: Friday, December 29, 2023 3:56 PM

To: Sagsveen, Matthew A. <masagsve@nd.gov>; 'James Parrot' <JParrot@bwenergylaw.com>

Cc: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Forsberg, Sara L. <slforsberg@nd.gov>; Helm, Kerrie L.

< <u>khelm@nd.gov</u>>; Tracy Peterson < <u>TPeterson@bwenergylaw.com</u>>; Jake Haseman

<inaseman@bwenergylaw.com>; Tracy A. Ottum <tottum@vogellaw.com>

Subject: Petitioners' Response Brief attached // Case 30604

\*\*\*\*\* **CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe. \*\*\*\*\*

Dear Commission,

Please find attached the following:

- 1. Petitioners' Response to Continental Resources' Motion to Dismiss;
- 2. Affidavit of Joshua A. Swanson:
- 3. Exhibit A to Response;
- 4. Exhibit B to Response;
- 5. Exhibit C to Response;
- 6. Exhibit D to Response;
- 7. Exhibit E to Response; and
- 8. Petitioners' Certificate of Service.

If you have any issues opening any of the attachments, please let me know.



Joshua A. Swanson | Attorney
T: 701.237.6983 | F: 701.356.6395
vogellaw.com | jswanson@vogellaw.com

From: Sagsveen, Matthew A. < masagsve@nd.gov>

Sent: Tuesday, December 12, 2023 9:54 AM

**To:** Joshua A. Swanson <<u>iswanson@vogellaw.com</u>>; 'James Parrot' <<u>JParrot@bwenergylaw.com</u>>

**Cc:** -Info-Oil & Gas Division <<u>oilandgasinfo@nd.gov</u>>; Forsberg, Sara L. <<u>slforsberg@nd.gov</u>>; Helm, Kerrie L.

< <u>khelm@nd.gov</u>>; Tracy Peterson < <u>TPeterson@bwenergylaw.com</u>>; Jake Haseman

#### <i haseman@bwenergylaw.com>

Subject: RE: Case 30604

#### Counsel,

I appreciate the parties' attempts to work together to address Continental's Motion for Continuance and the briefing schedule for Continental's Motion to Dismiss. In the future, however, it would be helpful for both me and DMR staff if the parties would submit a single/joint stipulation to be filed in the case docket as opposed to a series of emails. That said, my understanding of your agreement is as follows:

- Friday's Hearing is Cancelled
- Applicants' Response to Continental's Motion to Dismiss will be due on December 29, 2023
- Continental's Reply is due on January 8, 2024
- Hearing would ideally be scheduled after January 15, 2024
  - Mr. Swanson has conflicts January 16-19
  - Mr. Parrot has conflicts January 28-29

I can also tell you that I have conflicts from January 26 through February 2. I will work with DMR staff to see if we can find a date the week of January 22. If we cannot find a date during this time period, I will either need to reassign the case to a different hearing officer or the case will be scheduled for early February.

Matthew Sagsveen Hearing Examiner

Assistant Attorney General
Director of Natural Resources and Native American Affairs Division
North Dakota Office of Attorney General
500 N. 9th Street
Bismarck, ND 58501-4509

(701) 328-3640

From: <u>Joshua A. Swanson</u>

To: Sagsveen, Matthew A.; "James Parrot"

Cc: -Info-Oil & Gas Division; Forsberg, Sara L.; Helm, Kerrie L.; Tracy Peterson; Jake Haseman; Tracy A. Ottum

**Subject:** Petitioners" Response Brief attached // Case 30604

**Date:** Friday, December 29, 2023 3:58:14 PM

Attachments: VOGEL-#5306058-v1-Andress Sandefer (12 29 23) Response Brief (As Filed).PDF

/OGEL-#5305702-v1-Swanson Affidavit (notarized) 12 29 23.PDF

VOGEL-#5305492-v1-Exhibit A - Response Brief.PDF VOGEL-#5305495-v1-Exhibit B - Response Brief.PDF VOGEL-#5305498-v1-Exhibit C - Response Brief.PDF VOGEL-#5305499-v1-Exhibit D - Response Brief.PDF VOGEL-#53050501-v1-Exhibit E - Response Brief.PDF VOGEL-#5306060-v1-COS Response Brief.PDF

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- 7. Exhibit E to Response; and
- 8. Petitioners' Certificate of Service.

If you have any issues opening any of the attachments, please let me know.

Joshua A. Swanson | Attorney T: 701.237.6983 | F: 701.356.6395 vogellaw.com | iswanson@vogellaw.com

From: Sagsveen, Matthew A. <masagsve@nd.gov>

Sent: Tuesday, December 12, 2023 9:54 AM

To: Joshua A. Swanson <jswanson@vogellaw.com>; 'James Parrot' <JParrot@bwenergylaw.com>

Cc: -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Forsberg, Sara L. <slforsberg@nd.gov>; Helm, Kerrie L.

<khelm@nd.gov>; Tracy Peterson <TPeterson@bwenergylaw.com>; Jake Haseman

<jhaseman@bwenergylaw.com>

Subject: RE: Case 30604

### Counsel,

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Matthew Sagsveen Hearing Examiner

Assistant Attorney General
Director of Natural Resources and Native American Affairs Division
North Dakota Office of Attorney General
500 N. 9th Street
Bismarck, ND 58501-4509

(701) 328-3640

# BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS. MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON. FULWILER, "BOB" **ROBERT** HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT. TO **CONSIDER** ALLOCATION OF PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING **CONSISTING SPACING** UNIT SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2. TOWNSHIP 146 NORTH, RANGE 96 WEST. DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

PETITIONERS' RESPONSE TO CONTINENTAL RESOURCES, INC'S MOTION TO DISMISS

#### I. INTRODUCTION

The Petitioners' claim focuses on the undisputed fact that Continental Resources, Inc. failed to follow the Commission's Orders, and violated the Petitioners' correlative rights by drilling two lease-line wells, the Carson Peak 4 and Whitman FIU 13 Wells, yet refused to allocate to the Petitioners' their share of production attributable to the Underlying Spacing Unit. The Commission has the authority to create and pool spacing units. It's been the Commission's practice to allow lease-line wells to be drilled on common spacing unit boundaries with overlapping spacing units. When that occurs, the Commission has required – under its Orders and North Dakota law – the allocation of production from overlapping spacing units across the underlying spacing units to protect correlative rights and prevent waste.

[¶2] The Petitioners (collectively, "Andress Sandefer") own oil and gas interests in the Underlying Spacing Unit in Dunn County. Notwithstanding, none of them have ever received any allocation from the Carson Peak 4 or Whitman FIU 13 lease-line wells operated by Continental Resources, Inc. ("Continental"). Continental stipulated these facts are true in its December 11, 2023, e-mail to the Commission attached at Exhibit A. Yet, Continental has the audacity to not only attack Andress Sandefer's claim to remedy the violation of their correlative rights and to prevent waste, and enforce the Commission's Orders, but also attacks the Commission's well-established jurisdiction, statutory authority, and practice of requiring allocation of production from lease-line wells in overlapping units to the underlying units. The Commission should reject Continental's cavalier invitation to (i) ignore the violation of Andress Sandefer's correlative rights, (ii) undermine the Commission's own authority, and (iii) ignore Orders issued by the Commission by affirming what the Commission has established for years – Continental is required to allocate production from the Carson Peak 4 and Whitman FIU 13 Wells across the Underlying Spacing Unit.

## II. FACTS

- A. Andress Sandefer owns interests in the Underlying Spacing Unit that are also subject of the Overlapping Spacing Unit where there is production from the Carson Peak 4 and Whitman FIU 13 lease-line wells.
- [¶3] Andress Sandefer owns minerals located in Dunn County, specifically, in Sections 22, 23, 26, and 27, Township 147 North, Range 96 West ("Subject Lands"). See Petitioner's Declarations at Exhibits B K, filed with their Pre-Hearing Brief in Support of Application (the "Pre-Hearing Brief"). The Subject Lands are within an area defined by the Commission as the field boundaries for the Oakdale Field and vertically covering the accumulation of oil

and gas defined by the Commission as the Oakdale-Bakken Pool. The Subject Lands are shown in <u>Figure 1</u> in relation to their location in the Oakdale Field.

15 Section(s) Field **Tract Name** 15 Bear Creek Summerfield 21/28 Cedar Coulee Carus 22 / 27 Oakdale Hawkinson 22 23 24 Oakdale 23/26 Morris 24 / 25 Corral Creek Brandvik Corral Creek State Weydahl 28 27 26 25 35 / 2 Oakdale Carson Peak 34/3 Oakdale Whitman 33/4 Cedar Coulee Bang 35 33 34 36 147N R96W T147N R95W 146N R96W T146N R95W 3 2 4 = Oakdale Field boundary

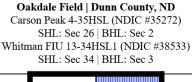
Figure 1: Subject Lands in Relation to Oakdale Field

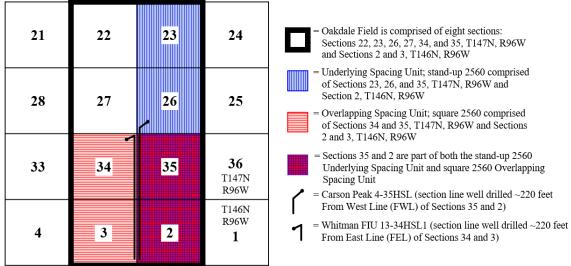
Part of Andress Sandefer's interests in the Subject Lands are in the "Underlying Spacing Unit" consisting of Sections 23, 26, and 35, Township 147 North, Range 96 West and Section 2, Township 146 North, Range 96 West. These four sections comprise what is commonly referred to as a "standup 2560" because the four sections are oriented in a north-south direction and comprise 2,560-acres, more or less. Part of the Underlying Spacing Unit, specifically, the south half of the standup 2560, is also within an "Overlapping Spacing Unit" where there is production from the Carson Peak 4 Well (NDIC No. 35272), and the Whitman FIU 13 Well (NDIC No. 38533). Both wells are lease-line wells operated by Continental.

[¶5] The Overlapping Spacing Unit contains 2,560 acres, more or less, but instead of being oriented in either a "standup 2560" (i.e., four sections aligned due north-south) or "laydown 2560" (i.e., four sections aligned due east-west), it's a "square 2560," i.e., the four sections are

aligned two sections north-south by two sections east-west. The Overlapping Spacing Unit consists of Sections 34 and 35, Township 147 North, Range 96 West and Sections 2 and 3, Township 146 North, Range 96 West. As shown in <u>Figure 2</u>, Sections 35 and 2 are in both the Overlapping Spacing Unit and Underlying Spacing Unit.

Figure 2: Carson Peak 4 Well and Whitman FIU 13 Well relative to Spacing Units





Continental operates all the wells in the Oakdale Field. When Continental created its square 2560 Overlapping Spacing Unit, Continental ignored that Andress Sandefer's interests in the Subject Lands contributed to the Underlying Spacing Unit, and that production from the Overlapping Spacing Unit would interfere with and impact production from the Underlying Spacing Unit. As such, the exclusion of Andress Sandefer in the Carson Peak 4 and Whitman FIU 13 Wells resulted in a confiscation of their interests within the Underlying Spacing Unit, violated N.D.C.C. § 38-08-08(1) and the Commission's existing and valid Orders, and violated

Andress Sandefer's correlative rights. <u>Cf. NDPC Brief</u>, at <u>Exhibit A</u> to <u>Pre-Hearing Brief</u>, and the <u>Commission Brief</u>, at <u>Exhibit A</u> to Petitioners' Application.

- B. Continental is not allocating any production from the Carson Peak 4 and Whitman FIU 13 Wells in the Overlapping Spacing Unit to Andress Sandefer's interests in the Underlying Spacing Unit.
- [¶6] Continental admits they are not allocating any production from the Carson Peak 4 and Whitman FIU 13 Wells to Andress Sandefer's interests in Sections 23 and 26 in the Underlying Spacing Unit. See Exhibit A. See also Exhibits B K to Pre-Hearing Brief. Andress Sandefer has never received any allocation for their interests in the Underlying Spacing Unit with respect to production from either the Carson Peak 4 or Whitman FIU 13 Wells. Id.
  - C. The purpose of an overlapping spacing unit is to allow the drilling of lease-line wells, like the Carson Peak 4 and Whitman FIU 13 Wells, while still protecting the rights of owners, like Andress Sandefer, in underlying spacing units.
- [¶7] As the Commission has explained, the purpose of overlapping spacing units are to allow the drilling of lease-line wells like the Carson Peak 4 and Whitman FIU 13 Wells which are not otherwise possible because of drilling setbacks while still protecting the correlative rights of owners like Andress Sandefer in the underlying spacing units.

The Commission had established this policy regarding overlapping spacing units prior to issuing Order No. 27791. In Order No. 14978 in Case No. 12717, the Commission addressed concerns from Whiting Oil and Gas Corporation regarding the possibility of reallocation of production from an underlying spacing unit to overlapping spacing units. The Commission clarified that production from base spacing units would not be reallocated to subsequent overlapping spacing units. The Commission adopted the above language to address those concerns in subsequent orders.

The purpose of these overlapping spacing units is to allow for the drilling of a leaseline well that otherwise would not be possible due to drilling setbacks. Concerns arose that the purpose of the overlapping spacing unit could be inverted and production from all wells in underlying spacing units could be allocated to various sections via the overlapping spacing unit. Case No. 12717 addressed those concerns and the Commission adopted the language it now uses in its orders to ensure that production from an overlapping unit can be allocated to underlying units without introducing a daisy chain effect that would allocate production from the underlying spacing unit throughout the overlapping spacing unit.

Commission Brief at  $\P\P$  18 – 20 (emphasis added). Protection of the correlative rights of owners in the Underlying Spacing Unit, like Andress Sandefer, and those in other "base units" similarly situated with respect to lease-line wells, is critical under North Dakota law and the Commission's prior Orders establishing the Underlying and Overlapping Spacing Units.

#### III. ARGUMENT

### A. The Commission has jurisdiction over Andress Sandefer's claim.

[¶8] The Commission has the jurisdiction and authority to require that Continental allocate production from the two lease-line wells in the Overlapping Spacing Unit, the Carson Peak 4 and Whitman FIU 13 Wells, across the Underlying Spacing Unit where Andress Sandefer's interests are located. The Commission succinctly explained its statutory authority and jurisdiction in Dominek.

The North Dakota Supreme Court has consistently found that the Commission has "extremely broad and comprehensive powers to regulate oil and gas development in the state." Langved v. Cont'l Res., Inc., 2017 ND 179, ¶ 12, 899 N.W.2d 267. The Commission's jurisdiction is provided under N.D.C.C. § 38-08-04, which states, in part: "'The Commission's powers are continuous . . . and are exclusive.'" Env't. Driven Sols., LLC v. Dunn Cnty., 2017 N.D. 45 at ¶ 9, 890 N.W.2d 841 (quoting Egeland v. Cont'l Res., Inc., 2000 ND 169, ¶ 11, 616 N.W.2d 861).

Section 38-08-04 further gives the Commission the authority "[t]o limit and to allocate the production of oil and gas from any field, pool, or area." N.D.C.C. § 38-08-04(c). Sections 38-08-07 and 38-08-08 of the North Dakota Century Code require the Commission to establish spacing units and pool separately-owned interests within the spacing unit when necessary to prevent waste, to avoid the drilling of unnecessary wells, or to protect correlative rights. See N.D.C.C. § 38-08-07(1). Section 38-08-08(1), N.D.C.C., provides:

When two or more separately owned tracts are embraced within a spacing unit, or when there are separately owned interests in all or a part of the spacing unit, then the owners and royalty owners thereof may pool their interests for the development and operation of the spacing unit. In the absence of voluntary

pooling, the commission upon the application of any interested person shall enter an order pooling all interests in the spacing unit for the development and operations thereof. . . . Operations incident to the drilling of a well upon any portion of a spacing unit covered by a pooling order must be deemed, for all purposes, the conduct of such operations upon each separately owned tract in the drilling unit by the several owners thereof. That portion of the production allocated to each tract included in a spacing unit covered by a pooling order must, when produced, be deemed for all purposes to have been produced from such tract by a well drilled thereon.

Commission Brief at ¶¶ 5 – 6. Not only is the Commission's authority "extremely broad and comprehensive," its powers are "continuous and exclusive" pursuant to N.D.C.C. § 38-08-04. This includes, but is not limited to, the authority to "limit and to allocate the production of oil and gas from any field, pool, or area." N.D.C.C. § 38-08-04(c). The Commission also has the authority to establish spacing units and pool separately owned interests within spacing units when necessary to prevent waste, avoid the drilling of unnecessary wells, and to protect correlative rights. N.D.C.C. §§ 38-08-07(1) and 38-08-08(1).

[¶9] The powers vested in the Commission are a continuing duty. "This power is a continuing duty. §§ 38-08-07(4) ¹ and 38-08-09.2, ² N.D.C.C. The Commission has the power

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<sup>&</sup>lt;sup>1</sup> N.D.C.C. § 38-08-07(4) provides: "An order establishing units for a pool must cover all lands determined or believed to be underlaid by such pool, and may be modified by the commission from time to time to include additional areas determined to be underlaid by such pool. When found necessary for the prevention of waste, or to avoid the drilling of unnecessary wells, or to protect correlative rights, an order establishing spacing units in a pool may be modified by the commission to increase or decrease the size of spacing units in the pool or any zone thereof, or to permit the drilling of additional wells on a reasonably uniform plan in the pool, or any zone thereof, or an additional well on any spacing unit thereof."

<sup>&</sup>lt;sup>2</sup> N.D.C.C. § 38-08-09.2 provides: "The commission is hereby vested with continuing jurisdiction, power, and authority, including the right to describe and set forth in its orders all those things pertaining to the plan of unitization which are fair, reasonable, and equitable and which are necessary or proper to protect, safeguard, and adjust the respective rights and obligations of the several persons affected, and it is its duty to make and enforce such orders and do such things as

and authority to modify the spacing units whenever it is necessary to prevent waste or avoid the drilling of unnecessary wells, or to protect correlative rights." Amoco Prod. Co. v. N. Dakota Indus. Comm'n, 307 N.W.2d 839, 843 (N.D. 1981). It has been the State's practice to allow lease-line wells, like the Carson Peak 4 and Whitman FIU 13 Wells, to be drilled on common spacing unit boundaries with overlapping spacing units. Commission Brief at ¶7. "The Commission's practice regarding overlapping spacing unit[s] is based on its reasonable interpretation of N.D.C.C. § 38-08-08 and is consistent with the statutory language requiring production allocated to a tract to be treated as if it were produced from that tract for all purposes." Id. at ¶11.

[¶10] The fact the Commission has jurisdiction over claims involving allocation from an overlapping spacing unit across an underlying spacing unit, as Andress Sandefer asserts, was confirmed by the United States District Court's decision in <u>Dominek v. Equinor Energy L.P.</u>

After the Supreme Court sent <u>Dominek</u> back to the District Court, Equinor filed a motion to dismiss. Equinor argued Dominek failed to allege complete diversity under 28 U.S.C. § 1332, and failed to exhaust their administrative remedies. The District Court rejected Equinor's argument that it lacked jurisdiction because the Domineks failed to adequately plead diversity.

See <u>Dominek</u>, 2023 WL 3742825, at \*3 (D.N.D. May 31, 2023) (stating, "Thus, the Court finds diversity is complete.") A copy of the District Court's decision is attached at <u>Exhibit B</u>.

[¶11] Notwithstanding, the District Court granted Equinor's motion to dismiss, holding the Commission had jurisdiction over the Domineks' claim regarding the allocation of interests

may be necessary or proper to carry out and effectuate the purposes of sections 38-08-09.1 through 38-08-09.16."

between the overlapping and underlying spacing units pursuant to the relevant Orders and Chapter 38-08, and Dominek failed to exhaust his administrative remedies.

In this case, the Court agrees with the Defendants [Equinor Energy] that the Plaintiffs' [Dominek] claims require interpreting and applying the Industrial Commission's pooling orders. The Industrial Commission's regulations state: "The commission, its agents, representatives, and employees are charged with the duty and obligation of enforcing all rules and statutes of North Dakota relating to the conservation of oil and gas." N.D. Admin. Code § 43-02-03-05. The Plaintiffs' claims require the interpretation and application of at least two pooling orders which are not easily understood. Such review falls precisely within the Industrial Commission's jurisdiction as the regulatory body which created the spacing units. The Industrial Commission should be given the first opportunity to explain its orders, create a factual record, correct its error, and explain how its orders should be interpreted. Klaudt, 990 F.2d at 412. At present, the Court is faced with interpreting pooling orders in the absence of any meaningful administrative record and would be required to guess at what the Industrial Commission intended. The Plaintiffs ask the Court to interpret the Industrial Commission's pooling orders in the first instance and without the benefit of the Industrial Commission's input. This is precisely the situation the exhaustion doctrine was intended to prevent.

The Court has no doubt the Plaintiffs' claims are subject to the jurisdiction of the Industrial Commission as the North Dakota Supreme Court has repeatedly emphasized that Chapter 38-08 of the North Dakota Century Code grants the Industrial Commission broad authority to regulate oil and gas development. Counce Energy, 905 N.W.2d 771; Wisdahl, 2014 WL 10537960, at \*14 ("Chapter 38-08, along with the orders and rules of the Industrial Commission implementing those provisions, necessarily supersede many common law property claims."). The Industrial Commission's regulations state: "The Commission, its agents, representatives, and employees are charged with the duty and obligation of enforcing all rules and statutes of North Dakota relating to the conservation of oil and gas." N.D. Admin. Code § 43-02-03-05. Chapter 38-08 gives the Industrial Commission extensive authority to issue pooling orders. Protection of correlative rights and prevention of waste are matters the North Dakota Legislature has entrusted to the Industrial Commission. See N.D.C.C. §§ 38-08-07, 38-08-08. Allowing the Industrial Commission the opportunity to explain the meaning of the language it used in its pooling orders is not the same as deciding a contractual or royalty dispute. The Industrial Commission's expertise in these matters is ordinarily entitled to great deference. See Hanson v. Indus. Comm'n, 466 N.W.2d 587, 590 – 91 (N.D. 1991). To decide the issues presented in this case without the benefit of the Industrial Commission's input in the first instance would be contrary to the design of Chapter 38–08 and the purpose of the exhaustion doctrine.

The Court concludes the Plaintiffs' claims fall within the Industrial Commission's jurisdiction and the Plaintiffs failed to exhaust their administrative remedies.

<u>Dominek</u>, 2023 WL 3742825, at \*4 – 5 (emphasis added). In <u>Wisdahl</u>, cited approvingly by the District Court in <u>Dominek</u>, the Court held that, "The legislative grant of broad authority and jurisdiction to the Industrial Commission, as repeatedly recognized by the North Dakota Supreme Court, is unrefutable." <u>Wisdahl v. XTO Energy, Inc.</u>. No. 4:13-cv-136, 2014 WL 10537960, at \*5 (D.N.D. May 14, 2014).

[¶12] The District Court held the Commission, not the courts, has jurisdiction over claims involving overlapping and underlying spacing units and the allocation of interests in the same under the Commission's Orders and Chapter 38 - 08, N.D.C.C. In their Application to the Commission, Andress Sandefer alleges that:

When Continental created its square 2560 Overlapping Spacing Unit, Continental ignored that Andress Sandefer's interests in the Subject Lands contributed to the Underlying Spacing Unit. As such, the exclusion of Andress Sandefer in the Carson Peak 4 Well and the Whitman FIU 13 Well is a confiscation of their interests within the Underlying Spacing Unit, violates N.D.C.C. § 38-08-08(1), and violates Andress Sandefer's correlative rights.

<u>Andress Sandefer Application</u> at ¶ 9. <sup>3</sup> In their Pre-Hearing Brief, Andress Sandefer explained that the Orders creating the Underlying and Overlapping Spacing Units at issue, in conjunction

<sup>&</sup>lt;sup>3</sup> <u>See also Application</u> at ¶ 11 (stating, "In <u>Dominek</u>, the Commission interpreted North Dakota law, specifically, N.D.C.C. § 38-08-08(1), to require production from an overlapping spacing unit be allocated across the underlying spacing unit as shown in <u>Figure 3</u>. <u>See Commission Brief</u> at ¶¶ 15 − 30. The Commission wrote in its brief that: 'The Commission interprets N.D.C.C. § 38-08-08(1) to require a proportionate amount of any production allocated to Section 13, to be allocated to Section 24 so long as the Underlying Unit Order has not been terminated.' ...") Andress Sandefer claims the same outcome is required here, for the same reasons noted by the Commission in <u>Dominek</u>.; <u>Application</u> at ¶ 13 (stating, "Just like the Section 24 owners in <u>Dominek</u>, a portion of Andress Sandefer's Subject Lands were unitized in order to create the standup 2560 Underlying Spacing Unit, as shown in <u>Figure 2</u>. However, unlike Equinor Energy, and contrary to the Commission's interpretation of North Dakota law in <u>Dominek</u>, Continental is not crediting Andress Sandefer with its share of production from either the Carson Peak 4 Well or Whitman FIU 13 Well, both section line wells, based on Andress Sandefer's interest in the Underlying Spacing Unit in violation of N.D.C.C. § 38-08-08(1)."); and <u>Application</u> at ¶ 15 (stating, "Andress Sandefer requests that the Commission order that production from the Carson Peak 4 Well and the

with N.D.C.C. § 38-08-08, vested the Commission with jurisdiction to order that Continental allocate production from the Carson Peak 4 and Whitman FIU 13 Wells, both lease-line wells, across the Underlying Spacing Unit. See Pre-Hearing Brief at ¶¶ 10 – 14. Andress Sandefer further noted that the Commission has jurisdiction over claims involving the protection of correlative rights and prevention of waste. Id. at  $\P\P$  15 – 20.

[¶13] In <u>Black Hills Trucking, Inc. v. N. Dakota Indus. Comm'n</u>, 2017 ND 284, 904 N.W.2d 326, the Court explained that the Commission's authority and jurisdiction under Chapter 38–08 was not only broad, but, as previously noted, continuous.

"Under N.D.C.C. ch. 38–08, the Commission has extremely broad and comprehensive powers to regulate oil and gas development in the state." *Langved*, 2017 ND 179, ¶ 12, 899 N.W.2d 267; *see also Envtl. Driven Solutions, LLC v. Dunn Cty.*, 2017 ND 45, ¶ 9, 890 N.W.2d 841; *GEM Razorback, LLC v. Zenergy, Inc.*, 2017 ND 33, ¶ 10, 890 N.W.2d 544. " 'The Commission's powers are continuous ... and are exclusive.' " *Dunn Cty.*, at ¶ 9 (quoting *Egeland v. Cont'l Res., Inc.*, 2000 ND 169, ¶ 11, 616 N.W.2d 861). Section 38-08-04, N.D.C.C., provides in relevant part:

The Commission has continuing authority over all persons and property, public and private, necessary to enforce effectively the provisions of this chapter. The commission has authority, and it is its duty, to make such investigations as it deems proper to determine whether waste exists or is imminent or whether other facts exist which justify action by the commission.

Black Hills Trucking, Inc., 2017 ND 284, ¶ 12. Continental fails to cite any applicable limitations on the Commission's jurisdiction in this matter, or its continuing authority over Continental in order to enforce the provisions of Chpt. 38 – 08 and the Commission's Orders. [¶14] It makes sense that the Commission has jurisdiction over Andress Sandefer's claim because the Commission created the pooled spacing units and drilling setbacks with respect to

Whitman FIU 13 Well, both section line wells, be allocated to them based on their interest in the Underlying Spacing Unit as required by N.D.C.C. § 38-08-08(1), and consistent with the Commission's interpretation of North Dakota law in <u>Dominek</u>, and to protect their correlative rights.")

the Overlapping and Underlying Spacing Units at issue. The applicable Orders creating the Overlapping and Underlying Spacing Units are identified in the Pre-Hearing Brief at ¶¶ 14 and 16, and summarized in the table at ¶ 16. The fact the Commission creates pooled spacing units and drilling setbacks was likewise described by the NDPC.

The Commission commonly promotes efficient development of North Dakota's oil and gas reserves by creating and pooling spacing units. The Commission is empowered to establish spacing units "[w]hen necessary to prevent waste, to avoid the drilling of unnecessary wells, or to protect correlative rights[.]" N.D.C.C. § 38-08-07(1). Absent voluntary pooling, the Commission will "enter an order pooling all interests in the spacing unit for the development and operations thereof." N.D.C.C. § 38-08-08(1). Any pooling order "must be upon terms and conditions that are just and reasonable, and that afford to the owner of each tract or interest in the spacing unit the opportunity to recover or receive, without unnecessary expense, that owner's just and equitable share." *Id*.

To protect the correlative rights of owners outside the spacing unit from having their oil and gas drain across the spacing unit boundary, the Commission imposes setback requirements that prohibit wellbores within certain distances of the spacing unit boundary. For example, the Commission generally imposes a 500-foot setback from the east and west boundaries of a standup 1,280-acre spacing unit (i.e., a spacing unit one mile wide and two miles long with wells drilling in a north-south configuration). See e.g., (R26-7:6:¶18). Those setbacks alone prevent drilling into approximately 19% of the typical standup 1,280-acre spacing unit. The 500-foot setbacks often create 2-mile-long 1,000-foot-wide undrilled strips along the east and west boundaries of adjacent standup spacing units. Wells outside these setback areas may drain some of the reserves in the setback areas, but not as efficiently or completely as a well drilled into the setback area.

NDPC Brief at  $\P\P 3-4$ . The creation of overlapping spacing units, like the one at issue, allows the drilling of setback areas, which prevents waste. Preventing waste is squarely within the Commission's jurisdiction.

To prevent the waste that would result from leaving such setback areas less than fully developed, the Commission commonly spaces and pools spacing units that overlap two or more previously pooled spacing units, commonly referred to as "overlapping" and "base" spacing units, respectively. These overlapping spacing units are typically larger than base spacing units, often comprising 2,560-acre blocks that embrace four sections. The Commission typically authorizes one or two wells to be drilled near the center section line of the overlapping spacing unit, to produce from the setback areas of the

base spacing units. See (R34-2). North Dakota has thousands of overlapping spacing units at present.

Many overlapping spacing units consist of two adjacent 1,280-acre base spacing units that are wholly within the overlapping spacing unit. In those cases, the question of allocating production to lands outside the overlapping spacing unit does not arise. However, issues arising from existing spacing or topography often dictate that the overlapping spacing unit only include portions of a given base spacing unit. As a result, North Dakota presently has hundreds of overlapping spacing units that include base units partially inside and partially outside the overlapping spacing unit. The case at bar is illustrative, with the 1,280-acre spacing unit consisting of Sections 13 and 24 being half in and half out of the 2,560-acre spacing unit consisting of Sections 11, 12, 13, and 14.

Id. at  $\P\P$  5 – 6. This case presents the same situation described by the NDPC with overlapping spacing units that include base units partially inside and partially outside the overlapping unit.  $[\P15]$  The NDPC also explained that the oil and gas reserves located within the setback area for lease-line wells, like the Carson Peak 4 and Whitman FIU 13 Wells, remain pooled with the other reserves in the Underlying Spacing Unit so that each owner receives their just and equitable share of production.

In North Dakota, that occurs through the pooling statute and corresponding pooling orders. *See id.* Consistent with N.D.C.C. § 38-08-08(1), the Base Unit Order requires each owner in the Base Unit receive "their just and equitable share of production from the spacing unit in the proportion as their interest may appear in the spacing unit." (R26-4:2:¶4). The entitlement to a just and equitable share extends to the entirety of the pooled spacing unit, including those oil and gas reserves located in setback areas. The inability to drill a wellbore into the setback does not diminish each owner's correlative rights to obtain their equitable share of the reserves within in the setback. "All owners," not just those whose interests are subsequently committed to an overlapping spacing unit, are entitled to a share in any production from lands pooled in the Base Unit. Id. (emphasis added).

The reason is simple—the oil and gas reserves located within the setback remain pooled with the other reserves in the Base Unit, and each owner therein has correlative rights that entitle them "to a just and equitable share of oil or gas in the pool." *Hystad*, 389 N.W.2d at 596. As illustrated by this case, the Overlapping Unit and Base Unit share a common supply of oil and gas reserves in the western setback of Section 13. As a result, production from the Overlapping Unit drains from the same supply that could have been produced by Base Unit wells but for the Commission's setbacks. Indeed, a Base

Unit well adjacent to the setback area could undoubtedly produce some of the reserves from the setback area, even if a section line well may do so more completely or more efficiently. The Base Unit Order requires allocation across the Base Unit as the only means through which each owner in the Base Unit may receive "their just and equitable share of production from the [base] spacing unit," including the setbacks. (R26-4:2:¶4). A contrary result could be of constitutional concern—setbacks would prevent owners in Section 24 from fully developing the Base Unit to secure their just and equitable share, and yet those owners would not share production from the Overlapping Unit. See Texaco, 448 N.W.2d at 624.

<u>Id</u>. at ¶¶ 18 - 19. "All owners," including Andress Sandefer, not just those owners whose interests are subsequently committed to the Overlapping Spacing Unit, are entitled to share in any production from lands pooled in the Base Unit, aka, the Underlying Spacing Unit. That is precisely what Andress Sandefer claims.

[¶16] Andress Sandefer asks the Commission to interpret and enforce its own Orders, and do so in relation to Andress Sandefer's correlative rights and the prevention of waste under N.D.C.C. § 38-08-08. That is squarely within the Commission's jurisdiction. "In this case, the Court agrees with the Defendants that the Plaintiffs' claims require interpreting and applying the Industrial Commission's pooling orders. ... Such review falls precisely within the Industrial Commission's jurisdiction as the regulatory body which created [the] spacing units." Dominek, at \* 4. See also Black Hills Trucking, Inc. at ¶ 12.

[¶17] Continental's argument that the Commission lacks jurisdiction over Andress Sandefer's claim is dubious considering it has previously taken the position that the Commission *has jurisdiction* over claims like this.

The certified questions present issues of significant concern to the public, the courts, the state's economy, and a vital industry. Billions of dollars are at stake. A decision from any court on the substantive issues will trigger a profusion of litigation, with no possibility of return to the current détente. There will be no adequate remedy to unwind any court ruling. This Court has previously exercised its supervisory jurisdiction in very similar circumstances. *Wilkinson v. Bd. of Univ. & Sch. Lands of N.D.*, 2020 ND 179,

¶ 20, 947 N.W.2d 910, 916. Thus, this situation is ripe for this Court to exercise supervisory jurisdiction, and put the matter in the hands of the NDIC's elected officials.

Continental Amicus Brief at ¶ 10 (emphasis added). A copy of Continental's Brief in Dominek is attached at Exhibit C. Continental's use of the word "détente" is a misnomer because what Continental is really doing is flat-out ignoring years of Orders from the Commission as to lease-line wells requiring allocation across underlying spacing units. Before Continental flip-flopped to its current position in an attempt to avoid any sort of adjudication of the claim raised by Andress Sandefer – so it can preserve its wrongdoing at the expense of owners in underlying units like Andress Sandefer – Continental was emphatic in telling our Supreme Court that the question regarding the allocation of production between overlapping and underlying spacing units with respect to lease-line wells should be put "in the hands of the NDIC's elected officials." Andress Sandefer agrees this matter should be in the hands of Commission, which is why it filed its Application.

# B. Andress Sandefer has stated a claim upon which relief can be granted under N.D.R.Civ.P. 12(b)(6).

### **1.** Rule 12(b)(6) standard.

[¶18] Rule 12(b)(6) motions are viewed with disfavor. The standard for reviewing Continental's Rule 12(b)(6) argument is highly deferential to Andress Sandefer. The Application is construed in the light most favorable to Petitioners, and the Commission must accept as true all well-pleaded allegations in the Application.

Our review of a dismissal under Rule 12(b)(6) is well-established:

A motion to dismiss a complaint under N.D.R.Civ.P. 12(b)(6) tests the legal sufficiency of the claim presented in the complaint. On appeal from a dismissal under N.D.R.Civ.P. 12(b)(6), we construe the complaint in the light most

favorable to the plaintiff and accept as true the well-pleaded allegations in the complaint. ...

Krile v. Lawyer, 2020 ND 176, ¶ 15, 947 N.W.2d 366 (cleaned up). "A court's scrutiny of pleadings should be deferential to the plaintiff, unless it is clear there are no provable facts entitling the plaintiff to relief." Because determinations on the merits are generally preferred to dismissal on the pleadings, Rule 12(b)(6) motions are viewed with disfavor. *Id.* "The motion for dismissal of the complaint should be granted only if it is disclosed with certainty the impossibility of proving a claim upon which relief can be granted." *Johnson & Maxwell, Ltd. v. Lind*, 288 N.W.2d 763, 765 (N.D. 1980).

Schmitz v. N. Dakota State Bd. of Chiropractic Examiners, 2021 ND 73, ¶ 6, 958 N.W.2d 496.

See also Towne v. Dinius, 1997 ND 125, ¶ 7, 565 N.W.2d 762 (stating, "This court will generally reverse a judgment dismissing a complaint for failure to state a claim whenever we can discern a potential for proof to support it.")

# 2. Andress Sandefer has stated a claim upon which relief can be granted, and as such, the Commission must deny Continental's Rule 12(b)(6) motion.

[¶19] Just like the claims in <u>Dominek</u>, which the District Court held belonged before the Commission, Andress Sandefer's claim involves the interpretation of the Commission's prior Orders, the Commission's authority under Chapter 38 – 08, N.D.C.C., and the protection of Andress Sandefer's correlative rights and the prevention of waste. The Commission has unequivocally taken the position that its Orders, along with N.D.C.C. § 38-08-08(1), require production from an overlapping unit be allocated across an underlying unit. This is exactly the claim Andress Sandefer makes. Continental offers no legally coherent reason the Commission should treat Andress Sandefer's claim differently than the exact same claim and issues presented in <u>Dominek</u>, which the Commission answered forcefully, or why any different outcome is required here departing from more than a decade of practice by the Commission

requiring allocation of production from lease-line wells in overlapping spacing units across the underlying spacing units.

a. Andress Sandefer's claim that their correlative rights are being violated because of Continental's failure to allocate them an interest in the Carson Peak 4 and Whitman FIU 13 lease-line wells is a well pleaded claim within the Commission's jurisdiction under North Dakota law.

[¶20] The relief requested by Andress Sandefer in its claim is how the Commission has been allocating production from overlapping spacing units to underlying spacing units for more than a decade. "Allocating production from overlapping spacing units has occurred in this way for over a decade." NDPC Brief at ¶ 7. See also id. at ¶ 13 ("Both N.D.C.C. § 38-08-08(1) and the Base Unit Order require allocation across the Base Unit [Underlying Spacing Unit] as the only means of fully protecting the correlative rights of all owners impacted by production from the Overlapping Unit.") Continental's refusal to allocate production from the two lease-line wells across the Underlying Spacing Unit mirrors the position taken by Dominek. The Commission described such a refusal to allocate production from an overlapping spacing unit across the underlying spacing unit as: "[a]dversely affect[ing] mineral owners across the oil and gas industry and directly contradict[ing] the Commission's current practice. The Commission would be left without the ability to protect correlative rights in cases where it allows the drilling of lease-line wells involving overlapping spacing units." Commission Brief at ¶ 2. Andress Sandefer's claim, that Continental's refusal to allocate them their share of production from the Carson Peak 4 and Whitman FIU 13 Wells violates their correlative rights, is a well-pleaded claim that the Commission must accept as true for purposes of Rule 12(b)(6). [¶21] Our Legislature has declared that it's "in the public interest ... to authorize and provide for the operation and development of oil and gas properties in such a manner ... that the

correlative rights of all owners be fully protected." N.D.C.C. § 38-08-01. See also Texaco Inc. v. Indus. Comm'n of State of N. Dakota, 448 N.W.2d 621, 623 (N.D. 1989) (stating, "Section 38–08–08, N.D.C.C., is part of our Oil and Gas Conservation Act [ch. 38–08, N.D.C.C.], which was enacted in 1953. The Act recognizes the public's interest 'to foster, to encourage, and to promote the development, production, and utilization of ... oil and gas ... in such a manner as will prevent waste; ... provide for ... a greater ultimate recovery of oil and gas ... and [protect] ... correlative rights of all owners.' Section 38–08–01, N.D.C.C."). As noted, North Dakota law specifically tasks the Commission with protecting correlative rights and preventing waste, and recognizes that a mineral owner has a claim when an operator violates their correlative rights or commits waste. See e.g., Hystad v. Indus. Comm'n, 389 N.W.2d 590 (N.D. 1986). [¶22] Under Rule 12(b)(6)'s standard, accepting the allegations in the Application as true, and viewing all inferences in Andress Sandefer's favor, Continental has violated their correlative rights and committed waste by drilling the Carson Peak 4 and Whitman FIU 13 Wells and failing to allocate any share of production from those wells to the Underlying Spacing Unit. This entitles Andress Sandefer to the relief they have requested from the Commission. That is, ordering Continental to abide by the Orders and N.D.C.C. § 38-08-08, and allocating production from the Overlapping Spacing Unit across the Underlying Spacing Unit. See Application at ¶ 15.

[¶23] The two-lease line wells in the Overlapping Spacing Unit will recover oil from lands within the setback area of the Underlying Spacing Unit.

The Commission believes a lease-line horizontal well in an overlapping lease-line spacing unit will recover oil from lands within the setback area of the underlying base spacing units. Without the lease-line horizontal well, the oil would be recovered less efficiently or not at all by the horizontal wells in the base spacing units; therefore, all pooled interest owners within the base spacing units should receive their equitable share

of that oil, not just the interest owners in the sections located within the overlapping lease-line spacing unit but all interest owners in horizontal wells in the base spacing units.

Commission Brief at ¶ 24. Granting Continental's motion would, as the Commission warned, contradict the Commission's current practice and Orders, and leave the Commission without the ability to protect correlative rights in cases where it allows the drilling of lease-line wells involving overlapping spacing units.

[¶24] Because lease-line wells like the Weisz Well in <u>Dominek</u>, and the Carson Peak 4 and Whitman FIU 13 Wells here, cause impacts to all wells in the underlying base spacing units shared by all the interest owners within those base spacing units, all pooled owners within the underlying base spacing units – including Andress Sandefer – must be compensated from the production from such section-line wells.

The Commission also believes the lease-line horizontal well may cause positive or negative impacts to all wells in base spacing units shared by all interest owners within the base spacing units; therefore, the Commission believes all pooled owners within the base spacing units should be compensated, not just the interest owners in the sections located within the overlapping lease-line spacing unit.

Commission Brief at ¶ 25. That is what Andress Sandefer claims. See Application at ¶ 12; and Pre-Hearing Brief at ¶¶ 11, 15 – 20. The Carson Peak 4 and Whitman FIU 13 Wells, by their very nature as lease-line wells that include sections inside the Underlying Spacing Unit, impact the other wells spaced in the Underlying Spacing Unit. Just like the owners in Section 24 with respect to the Weisz Well in Dominek, Andress Sandefer should receive their proportionate share of allocation from the Carson Peak 4 and Whitman FIU 13 Wells.

[¶25] If the Commission does not grant the relief sought by Andress Sandefer, their correlative rights with respect to Section 23 and 26 in the Underlying Spacing Unit would be harmed. This is no different than the Commission's determination, as to the underlying unit

at issue in <u>Dominek</u>, that Section 24's correlative rights would be harmed if they did not receive an allocation from the Weisz Well drilled in the Overlapping Spacing Unit.

The Commission granted the Overlapping Spacing Unit after finding it would prevent waste and protect correlative rights, including the rights of the owners in Section 24. If production from the lease-line well is not allocated to Section 24, Section 24's correlative rights would be harmed. Section 13 would receive all benefits of the lease-line well while Section 24 suffers the harm it could cause to production of adjacent wells in the underlying spacing unit.

<u>Commission Brief</u> at ¶ 27. That, again, is what Andress Sandefer claims. <u>See Application</u> at ¶¶ 14 and 15; and <u>Pre-Hearing Brief</u> at ¶¶ 15 – 20.

[¶26] As the NDPC aptly, and correctly, points out:

In fact, the Commission has asserted that production from an overlapping spacing unit may cause "negative impacts to a well or wells in a base 1280-acre spacing unit [shared by all interest owners within the base 1280-acre unit[.]]" NDIC File No. 36559, at p. 7, ADD-008. This Court has expressed similar concerns in other contexts. *See Texaco*, 448 N.W.2d at 625 n. 4 [also raising constitutional concerns]. When a base spacing unit is partially in and partially out of the overlapping spacing unit, the Commission has asserted allocation across the base spacing unit is necessary to protect correlative rights of all owners in the pool. NDIC File No. 36559, at p.[6], ADD-008.

NDPC Brief at ¶ 20. A copy of the Commission's February 5, 2021 letter in NDIC File No. 36559, cited by the NDPC, is attached at Exhibit D.

[¶27] Accepting Andress Sandefer's allegations as true, as required for purposes of a Rule 12(b)(6) motion, their claim aligns with the Commission's long-standing practice regarding the allocation of production to underlying spacing units from lease-line wells in overlapping units, and the protection of correlative rights and prevention of waste under N.D.C.C. § 38-08-08(1). Additionally, the Underlying Spacing Unit Order requires that Andress Sandefer, as owners in the base unit, receive their just and equitable share of production from the spacing unit in proportion to their interest in the unit. This is because the reserves within the setback remain pooled with the other reserves in the Underlying Spacing Unit. "The reason is simple

– the oil and gas reserves within the setback remain pooled with the other reserves in the Base Unit, and each owner therein has correlative rights that entitle them 'to a just and equitable share of oil or gas in the pool." NDPC Brief at ¶ 19 (quoting Hystad, 389 N.W.2d at 596). 4 [¶28] To protect the correlative rights of Andress Sandefer, who Continental admits have not received any allocation from the Carson Peak 4 and Whitman 13 FIU Wells, and to prevent waste, the relief here should ensure it accounts for production going back to first production from each well. In <u>Texaco Inc.</u>, the Court recognized that the Commission has the authority to grant relief to "afford to the owner of each interest in the spacing unit the opportunity to receive his just and equitable share." Id., 448 N.W.2d at 624. Granting the relief requested by Andress Sandefer aligns with this, and the "established industry practice concerning base spacing unit allocation," NDPC Brief at ¶ 21, to protect Andress Sandefer's correlative rights. It likewise recognizes that Continental was engaged in conduct that represented a "fundamental shift" from the Commission's long-standing requirement that operators allocate production to owners, like Andress Sandefer, with interests in an underlying spacing unit with respect to lease-line wells. "In short, reversing the Commission's interpretation and established industry practice concerning base spacing unit allocation will represent a fundamental shift concerning pooling orders and correlative rights in North Dakota." Id. at ¶ 21.

[ $\P$ 29] Production from the Underlying Spacing Unit, which includes Andress Sandefer's interests in Sections 23 and 26 – see Figure 2, above – mirrors the allocation of production to Section 24, in the underlying spacing unit, from Section 13, in the overlapping spacing unit,

<sup>&</sup>lt;sup>4</sup> The NDPC warns that, "A contrary result could be of constitutional concern – setbacks would prevent owners in Section 24 [and other base units] from fully developing the Base Unit to secure their just and equitable share, and yet those owners would not share production from the Overlapping Unit. *See Texaco*, 448 N.W.2d at 624." NDPC Brief at ¶ 19.

in Dominek with respect to the Weisz lease-line well. Sections 35 and 2 in the Overlapping Spacing Unit, where Continental's Carson Peak 4 and Whitman FIU 13 Wells are located, are also in the Underlying Spacing Unit along with Sections 23 and 26. For the same reasons the Commission required that production from the Weisz Well in the overlapping spacing unit, including Section 13, be allocated across the underlying spacing unit including Section 24, production from the Carson Peak 4 and Whitman FIU 13 Wells in the Overlapping Spacing Unit must be allocated to the Underlying Spacing Unit including Andress Sandefer's interests in Sections 23 and 26.

> b. The Orders creating the Underlying Spacing Unit and Overlapping Spacing Unit have not terminated, and must be enforced by the Commission.

[¶30] So long as the Order creating the Underlying Spacing Unit has not terminated, Continental must allocate production from the Carson Peak 4 and Whitman FIU 13 Wells in the Overlapping Spacing Unit to the Underlying Spacing Unit. Tellingly, nowhere in its argument does Continental allege that the Commission's Orders creating the Underlying Spacing Unit, or Overlapping Spacing Unit, have terminated. The Order creating the Underlying Spacing Unit, which includes Andress Sandefer's interests in Sections 23 and 26, Order Nos. 14604 and 14262, have not terminated. <sup>5</sup> Andress Sandefer has made a claim, over which the Commission has jurisdiction, to explain and interpret its Orders, as to their correlative rights and prevention of waste, and to determine the allocation of production from the two lease-line wells in the Overlapping Spacing Unit to the Underlying Spacing Unit.

N.D.C.C. § 38-08-08(1) provides, "[t]hat portion of the production allocated to each tract included in a spacing unit covered by a pooling order must, when produced, be

<sup>&</sup>lt;sup>5</sup> Continental agrees these are the applicable Orders. See Continental Motion to Dismiss at p. 2, referencing Order No. 14604; and p. 3 n. (iii), referencing Order No. 14262.

deemed for all purposes to have been produced from such tract by a well drilled thereon." The Commission interprets N.D.C.C. § 38-08-08(1) to require a proportionate amount of any production allocated to Section 13, to be allocated to Section 24 so long as the Underlying Unit Order has not been terminated.

The Commission maintains the right to modify or terminate spacing units. Each Commission order includes the same or similar language used in the underlying spacing order, "[t]his order shall be effective from the date of first operations within the spacing unit, and shall remain in full force and effect until further order of the Commission." Order of The Commission entered on November 11, 2021, in Case No. 15827, Order No. 18082 ("Order No. 18082") (R26-4:1:¶5). There has been no order to terminate the underlying spacing unit and the obligations created by the order remain in full force and effect. Section 24 therefore receives a proportionate share of all production from Section 13, and Section 13 receives a proportionate share of all production allocated to Section 24.

Commission Brief at ¶¶ 16 – 17 (emphasis added). The Orders creating and amending the Underlying Spacing Unit, Order No. 14604 (issued April 22, 2010), Order No. 14262 (issued May 10, 2010) and Order No. 28556 (issued November 6, 2017), consisting of Sections 23, 26, 35, and 2, have the same language quoted by the Commission. "This order shall be effective from the date of first operations within the spacing unit, and shall remain in full force and effect until further order of the Commission." Order No. 14262 at ¶ 8. See also Order No. 28556 at ¶ 57 (stating, "This order shall cover all of Oakdale-Bakken Pool, common source of supply of crude oil and/or natural gas as herein defined, and continues in full force and effect until further order of the Commission or until the last well in the pool has been plugged and abandoned.")

[¶31] As the Commission noted, this language is included in every Order it issues. Continental does not allege anywhere in its argument that this language is absent from the Orders that Andress Sandefer cites to and relies upon. Nor does Continental allege that

Andress Sandefer's claim is barred by any statute of limitations. <sup>6</sup> We are talking about production going back less than five years. The Carson Peak 4 Well began consistent production in June 2019. <sup>7</sup> The Whitman FIU 13 Well only began production in July 2022. <sup>8</sup> By the very language in the Orders, they "shall be effective from the date of first operations within the spacing unit, and shall remain in full force and effect until further order of the Commission." Order No. 14262, p. 3 at (8). See also Order No. 28556, p. 13 at (57) (stating, "This order shall cover all of the Oakdale-Bakken Pool, common source of supply ..., and continues in full force and effect until further order of the Commission or until the last well in the pool has been plugged and abandoned."); and Order No. 28508, p. 11 at (55) (stating, "This order shall cover all of the Oakdale-Bakken Pool, common source of supply ..., and continues in full force and effect until further order of the Commission or until the last well in the pool has been plugged and abandoned.")

[¶32] The Commission has a continuing duty to enforce these Orders under North Dakota law, and to ensure Continental allocates production from the Carson Peak 4 and Whitman FIU 13 Wells across the Underlying Spacing Unit. See N.D.C.C. §§ 38-08-04; 38-08-07(4); 38-08-08; 38-08-09.2; Black Hills Trucking, 2017 ND 284; and Amoco Prod. Co., 307 N.W.2d 839 (N.D. 1981).

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<sup>&</sup>lt;sup>6</sup> In <u>Cont'l Res., Inc. v. Armstrong</u>, 2021 ND 171, 965 N.W.2d 57, the Supreme Court rejected an attempt to raise a statute of limitations defense in conclusory fashion. "Our review of the record shows Armstrong asserted N.D.C.C. § 28-01-04 applied in conclusory fashion unsupported by any analysis or relevant authority. 'A party must do more than submit bare assertions, and an argument is without merit if the party does not provide supporting reasoning or citations to relevant authority." <u>Id.</u> at ¶ 11 (citations omitted).

https://www.dmr.nd.gov/oilgas/feeservices/getwellprod.asp?filenumber=35272. Continental erroneously states that production from the Carson Peak 4 Well began in June of 2020.

<sup>&</sup>lt;sup>8</sup> https://www.dmr.nd.gov/oilgas/feeservices/getwellprod.asp?filenumber=38533.

[¶33] Because there has been no Order terminating the Underlying Spacing Unit, the obligations created therein remain in full force and effect. "There has been no order to terminate the underlying spacing unit and the obligations created by the order remain in full force and effect. Section 24 therefore receives a proportionate share of all production from Section 13, and Section 13 receives a proportionate share of all production allocated to Section 24." Commission Brief at ¶ 17. The Commission must enforce its Orders, and the requirements of Chapter 38 – 08, which is the relief sought by Andress Sandefer.

The Commission has "authority over all persons and property, public and private, necessary to enforce effectively the provisions of" the Resources Act. NDCC 38–08–04. The Commission is empowered to determine whether "waste" exists or is imminent, and has the general authority to "adopt and to enforce rules and orders to effectuate the purposes and the intent of" the Resources Act. NDCC 38–08–04(5).

Cont'l Res., Inc. v. Farrar Oil Co., 1997 ND 31, ¶ 13, 559 N.W.2d 841. Reading Order Nos. 28508 and 30640, creating and amending the Overlapping Spacing Unit, and Order Nos. 14604, 14262 and 28556, creating and amending the Underlying Spacing Unit, in conjunction with N.D.C.C. § 38-08-08, just like Dominek, it is "apparent that a proportional amount of production" from the Carson Peak 4 and Whitman FIU 13 Wells must be allocated to Sections 35 and 2 – in the Overlapping Spacing Unit – as if it were produced in Sections 35 and 2, and therefore must be proportionally allocated to Sections 23 and 26 in the Underlying Spacing Unit. Cf. Commission Brief at ¶ 21 (stating, "Reading Order No. 27791 and Order No. 18082 in conjunction with N.D.C.C. § 38-08-08, it is apparent that a proportional amount of production from the lease-line well must be allocated to Section 13 as if it were produced in Section 13, and therefore must be proportionally allocated to Section 24.") Accepting Andress Sandefer's allegations as true, and viewing all facts in the light most favorable to them as require by Rule 12(b)(6), they are entitled to the relief requested with respect to the

Commission enforcing its Orders requiring the allocation of production from the Carson Peak 4 and Whitman 13 Wells across the Underlying Spacing Unit.

c. Reservoir conditions in the Underlying Spacing Unit versus the Overlapping Spacing Unit are entirely irrelevant as to whether Continental must allocate Andress Sandefer their share of production in the Carson Peak 4 and Whitman FIU 13 lease-line wells.

[¶34] Continental argues, without providing any factual basis, that reservoir conditions south of Petitioners' interests are different than on Petitioners' lands. <sup>9</sup> That is irrelevant, and a red herring, with respect to whether allocation from the Overlapping Spacing Unit must be made across the Underlying Spacing Unit under the Commission's Orders, and N.D.C.C. § 38-08-08(1). Even assuming arguendo that it were relevant, it's a fact question at best, which is not appropriate for disposition on a motion to dismiss. Andress Sandefer alleged in their Application that production from the Carson Peak 4 and Whitman FIU 13 Wells in the overlapping unit impacts their interests in the underlying spacing unit. See Application at ¶¶ 9, ¶¶ 12 – 15. Andress Sandefer also explained in their Pre-Hearing Brief that production from the Overlapping Spacing Unit would interfere with and negatively impact production from the Underlying Spacing Unit. See Pre-Hearing Brief at ¶¶ 7, 15 – 19. For purposes of Rule 12(b)(6), the Commission must accept Andress Sandefer's allegations as true. In doing so, the Commission must find that Andress Sandefer's interests in the Underlying Spacing Unit are impacted by the two lease-line wells.

[¶35] When discussing the impact of lease-line wells on underlying base units in <u>Dominek</u> and elsewhere, nowhere does the Commission, or NDPC, state or remotely imply that any sort

<sup>&</sup>lt;sup>9</sup> Even if relevant, which it is not, Andress Sandefer has an expert that will testify at the hearing that Continental's assertion regarding the reserves is wrong.

of analysis of the reserves in the underlying versus those in the overlapping spacing unit is required or should be done to determine whether an underlying unit must be allocated an interest in a lease-line well. Rather, as the Commission explained, "The Commission believes all pooled owners within the base spacing units should be compensated, not just the interest owners in the sections located within the overlapping lease-line spacing unit." Commission Brief at ¶ 25. See also NDPC Brief at ¶ 7 (stating, "Allocating production from overlapping spacing units has occurred in this way for over a decade."); id. at ¶ 21 (stating, "For over a decade, producers have allocated production from myriad overlapping spacing units consistent with the Commission's long-standing interpretation."); and id. at ¶ 21 (stating, "In short, reversing the Commission's interpretation and established industry practice concerning base spacing unit allocation will represent a fundamental shift concerning pooling orders and correlative rights in North Dakota.")

[¶36] In sum, North Dakota law has long recognized claims involving a violation of a parties correlative rights and preventing waste, and that such claims are properly before the Commission. North Dakota law has also long recognized that the Commission retains jurisdiction and authority – and has a duty – to enforce its own Orders. Accepting the claims in the Application as true, and viewing them in the light most favorable to Andress Sandefer, the Commission must deny Continental's Motion to Dismiss under Rule 12(b)(6).

3. Whether laches bars Andress Sandefer's claim is a question of fact inappropriate at this stage of this proceedings on a motion to dismiss; and Continental does not cite any applicable statute of limitations barring Andress Sandefer's claim.

[¶37] Continental argues that laches bars Andress Sandefer's claim. The determination of whether laches applies is a question of fact. "Laches is generally a question of fact." <u>Bakken</u>

v. Duchscher, 2013 ND 33, ¶20, 827 N.W.2d 17. See also Diocese of Bismarck Tr. v. Ramada, Inc., 553 N.W.2d 760, 767 (N.D. 1996) (stating, "We remand for a factual determination on whether the Trusts' actions is barred by laches."); and Peltier v. State, 2015 ND 35, ¶29, 859 N.W.2d 381 (stating, "When laches is properly raised and supported, it presents a question of fact and is inappropriate for a district court to decide on summary judgment.") Whether laches "bars a claim must be determined by examining the underlying facts and circumstances of each particular case." Peltier at ¶29. See also Stenehjem ex rel. State v. Nat'l Audubon Soc'y, Inc., 2014 ND 71, ¶13, 844 N.W.2d 892 (stating, "The determination of whether laches applies is a fact intensive inquiry.")

[¶38] Laches does not arise from the passing of time alone, but from a delay in enforcing one's right that is prejudicial to another. See Diocese of Bismarck Trust, 553 N.W.2d at 767. The Whitman FIU 13 Well did not begin production until July 2022. Andress Sandefer brought their claim in August 2023, only 13 months after the Whitman FIU 13 Well began producing, and when Andress Sandefer was then engaged in attempting to resolve their claim against Continental without resort to litigation. Andress Sandefer first contacted Continental in May 2022 regarding its failure to allocate them an interest in the Carson Peak 4 Well. See May 23, 2022 Letter attached as Exhibit E. Andress Sandefer attempted to resolve this dispute short of litigation, but to no avail as Continental refused to allocate Andress Sandefer their just and equitable interest in any lease-line wells. The Carson Peak 4 Well began consistent production in June 2019, and within three years, Andress Sandefer inquired of Continental as to why they had not yet received any allocation from the well. See Exhibit E.

[¶39] Continental did not provide notice, at any time, to Andress Sandefer that they would not be receiving any allocation for their interests in the Underlying Spacing Unit as related to

the Carson Peak 4 or Whitman FIU 13 lease-line wells. Continental does not offer any evidence showing that they notified Andress Sandefer that they would be omitted from receiving any allocation in the Carson Peak 4 and Whitman FIU 13 Wells. They only offer vague and conclusory statements by counsel. "Statements made by attorneys are not evidence." State v. Foster, 2019 ND 28, ¶ 18, 921 N.W.2d 454 (citing King v. Railway Express Agency, 107 N.W.2d 509, 517 (N.D. 1961)).

[¶40] Even if Continental had provided notice, which is disputed, Continental does not claim that Andress Sandefer's claims are barred by any statute of limitations. That makes sense because the Commission maintains continuing jurisdiction, and has authority at any time, to enforce its Orders, and to protect correlative rights and prevent waste. N.D.C.C § 38-08-04 provides that the Commission "has continuing jurisdiction and authority over all persons and property, public and private, necessary to effectuate the provisions of this chapter." The authority and power vested by law in the Commission is a continuing duty. "This power is a continuing duty. §§ 38-08-07(4) and 38-08-09.2, N.D.C.C. The Commission has the power and authority to modify the spacing units whenever it is necessary to prevent waste or avoid the drilling of unnecessary wells, or to protect correlative rights." Amoco Prod. Co. at 843. The Commission's powers are continuous, as well. See Black Hills Trucking at ¶ 12.

[¶41] The Orders at issue all provide, in some form, that they are "effective from the date of first operations within the spacing unit, and shall remain in full force and effect until further order of the Commission." It would offend the Commission's continuing jurisdiction and powers, and its "continuing duty" described in <u>Amoco Prod. Co.</u>, if the Commission ultimately determined Continental could violate North Dakota law and the Commission's Orders by failing to allocate Andress Sandefer their interests because Andress Sandefer filed their

Application a mere three years after the Carson Peak 4 Well was drilled, and a year after the Whitman FIU 13 Well was drilled. That would effectively add language to each Order that they are only effective, and can only be enforced, for three years. Fortunately, there is no such language or time limit in any of the Orders, nor is there any such statute of limitations placed on Andress Sandefer's claims by North Dakota law.

[¶42] By its very nature, and the Commission's continuous jurisdiction and ability to protect correlative rights, prevent waste, and enforce its Orders, laches can never apply to bar an interested party's, like Andress Sandefer, claim. Let alone bar their claim after only three years with respect to the Carson Peak 4 Well, and one year as to the Whitman FIU 13 Well.

[¶43] For argument's sake with respect to any applicable statute of limitations, at worst, a ten-year statute of limitations applies under North Dakota law. "An action for relief not otherwise provided for must be commenced within ten years after the claim for relief has accrued." N.D.C.C. § 28-01-22. To be clear, Andress Sandefer does not concede that there is any statute of limitations on their claim. Critically, Continental does not argue Andress Sandefer's claim is barred by any applicable statute of limitations. But, again, for argument's sake, if a statute of limitations does apply, it appears it's the ten-year limitations period in N.D.C.C. § 28-01-22. Andress Sandefer is well within that ten-year statute of limitations window for its claims related to the Carson Peak 4 and Whitman FIU 13 Wells.

#### C. Andress Sandefer has standing to bring their claim to the Commission.

[¶44] North Dakota law allows an interested party to bring an application for hearing to the Commission. "The commission may act upon its own motion or upon the petition of any interested person. On the filing of a petition concerning any matter within the jurisdiction of the commission, the commission shall fix a date for a hearing and give notice." N.D.C.C. §

38-08-11(4). Andress Sandefer is an interested person as they own an interest in the Underlying Spacing Unit, and Continental has failed to allocate them any production from the Carson Peak 4 and Whitman FIU 13 Wells in the Overlapping Spacing Unit. Continental admits these facts are true. See Exhibit A.

[¶45] All that was required for Andress Sandefer to initiate an action at the Commission was for them, as an interested party, to file a petition.

Section 38-08-11, N.D.C.C., provides a procedure for addressing matters under the jurisdiction of the Commission. The Commission may act either on its own motion or on the filing of a petition. N.D.C.C. § 38-08-11(4). Following the filing of a petition, the Commission shall hold a hearing and issue a decision. *Id.* A decision of the Commission may be appealed to the district court. N.D.C.C. § 38-08-14.

Armstrong v. Helms, 2022 ND 12, ¶ 10, 969 N.W.2d 180. See also Vogel v. Marathon Oil Co., No. 31-2013-cv-00163, 2015 WL 13817921, at \*3, ¶ 14 (N.D. Dist. Mar. 13, 2015) (stating, "The jurisdiction of the NDIC, through statute, is broad and general. *See* N.D.C.C. § 38-08-04. In furtherance of this authority, N.D.C.C. § 38-08-11 sets forth procedures for practice before the NDIC. … This statute [N.D.C.C. § 38-08-11(4)] gives the NDIC the choice of bringing their own motion or hearing a petition of any interested person.")

[¶46] In an application, the petitioner only need to state the name or general description of the common source of supply affected by the order, rule, or regulation sought, and briefly the general nature of the order, rule, or regulation sought in the proceedings. See N.D.A.C. § 43-02-03-88 (the general authority and law implemented for N.D.A.C. § 43-02-03-88 is N.D.C.C. § 38-08-11). The Application does that. Andress Sandefer's right to bring their Application to the Commission is an absolute right.

Section 38-08-11 provides the Industrial Commission 'may act upon its own motion' but upon the filing of a petition by an interested person 'must fix a date for a hearing' and 'must enter its order within thirty days.' N.D.C.C. § 38-08-11(4). The 1993

amendment neither changed an interested person's <u>absolute right to petition the Industrial Commission</u> regarding flaring violations nor gave the Industrial Commission the right to ignore such a petition.

<u>Wisdahl</u>, 2014 WL 10537690, at \*5 (emphasis added). This "absolute right" is not unique to petitions regarding flaring violations. The context of the holding in <u>Wisdahl</u> is clear that the right to petition the Commission is an absolute right, period.

[¶47] In its motion, Continental admits that Andress Sandefer is an interested person. Lacking from Continental's motion, however, is any analysis of why or how Andress Sandefer does not satisfy the minimal requirement for standing to bring a claim to the Commission under N.D.C.C. § 38-08-11 or N.D.A.C. § 43-02-03-88. Continental falsely asserts that this is somehow Andress Sandefer's "third bite at the apple," and that they've failed to satisfy the three-part test for standing as established by Energy Transfer LP v. N. Dakota Priv. Investigative & Sec. Bd., 2022 ND 85, 973 N.W.2d 394. There is no three-part test for standing anywhere in N.D.C.C. § 38-08-11, or anywhere else in the Oil and Gas Conservation Act at Chapter 38 – 08. There is no mention anywhere in Energy Transfer LP of the requirements to bring a claim, and having standing to do so, at the Industrial Commission. There is no mention of, or the remotest of inferences to, Chapter 38 – 08, or N.D.C.C. §§ 38-08-04, 38-08-08, or 38-08-11, anywhere in Energy Transfer LP. Simply stated, Energy Transfer LP does not apply in the slightest to Andress Sandefer's claim, nor does it stand for the proposition that Andress Sandefer lacks standing to bring its claim to the Commission.

[¶48] In footnote 12 of its brief, Continental's sole source of legal authority for the three-part test that it claims applies, is to Energy Transfer LP at ¶7. The entirety of that paragraph states: "Under N.D.C.C. § 28-32-42, any party to an administrative proceeding has standing to appeal the agency's decision. A party is defined as 'each person named or admitted as a party or

properly seeking and entitled as of right to be admitted as a party.' N.D.C.C. § 28-32-01(9)."

Energy Transfer LP at ¶ 7. N.D.C.C. § 28-32-42 is "Appeal from determination of agency – Time to appeal – How appeal taken."

[¶49] Andress Sandefer is not appealing any agency decision or Commission Orders, nor is Andress Sandefer asking the Commission to reconsider any of its Orders. Andress Sandefer brings its claim asking the Commission to interpret and enforce its Orders, which require allocation from the Overlapping Spacing Unit across the Underlying Spacing Unit where its interests are, and Continental is not making that allocation. Andress Sandefer also brings its claim because Continental is violating their correlative rights under N.D.C.C. § 38-08-08(1), and engaging in waste, by failing to allocate production from the Overlapping Spacing Unit across the Underlying Spacing Unit as described herein. This is the first time Andress Sandefer has brought its claim to the Commission. It is not a repeat "bite of the apple."

D. Continental takes the Supreme Court's decision in *Dominek* out of context, and ignores the United States District Court's decision in *Dominek* holding that the Commission has the authority to determine whether allocation must be made to underlying spacing units under North Dakota law.

[¶50] As noted above, the District Court was clear in <u>Dominek</u>, after the case was sent back by the Supreme Court, that the Commission has jurisdiction over claims involving the interpretation of Commission Orders, N.D.C.C. § 38-08-08, and whether the Orders and North Dakota law require the allocation of interests from an overlapping spacing unit across an underlying spacing unit. <u>See supra</u> at ¶¶10−11, 16. The decisions in <u>Dominek</u> by the District Court, and the Supreme Court, <u>see</u> 2022 ND 211, 982 N.W.2d 303, do not stand for the proposition that an operator does not have to allocate production from an overlapping spacing unit across an underlying spacing unit. The only certified question answered by the Supreme

allocation of production from lease-line wells in overlapping spacing units across underlying spacing units. The Supreme Court held that, on its own, the statute does not require that. [¶51] However, that was not the end of the inquiry. As the Supreme Court explained, none of the parties or the Commission contended the statute, in isolation, required allocation of production across multiple units. See Dominek, 2022 ND 211, at ¶ 14. The Supreme Court refused to answer the remaining four certified questions in sending the case back to the District Court. "But the federal court has not asked us to determine whether the statute, read together with other documents, requires the allocation method advanced by Equinor." Id. As such, the Supreme Court declined to answer the remaining questions, questions two through five. Id. at ¶ 17. The case then went back to the District Court, where that court held Dominek failed to exhaust their administrative remedies because they did not first bring their claim to the Commission. "The Court has no doubt the [Domineks] claims are subject to the jurisdiction of the Industrial Commission." Dominek, 2023 WL 3742825, at \*4. And, critically, in Dominek, the Industrial Commission made its position unequivocally clear that yes, in light of its own Orders and North Dakota law, an operator must allocate production from lease-line wells in overlapping spacing units across underlying spacing units as Andress Sandefer claims.

Court was the first one – does N.D.C.C § 38-08-08, standing by itself in isolation, require

E. Andress Sandefer's claim is not a non-judiciable political question, the Commission has jurisdiction to interpret and enforce its own Orders and to interpret N.D.C.C. § 38-08-08 in conjunction with its Orders.

[¶52] Andress Sandefer has followed North Dakota law in bringing its claim to the Commission. See supra at ¶¶ 45 – 49. The Commission has jurisdiction over Andress Sandefer's claim. See supra at ¶¶ 8 – 17. Andress Sandefer's claim is not a nonjudiciable political question. It is clearly not only within the Commission's jurisdiction to decide, but

the Commission has effectively already answered in the affirmative that its own Orders and North Dakota law requires an operator to allocate production from lease-line wells in overlapping spacing units across the underlying spacing units.

[¶53] For example, as noted, the Commission described a refusal to allocate production from an overlapping spacing unit across the underlying spacing unit as: "[a]dversely affect[ing] mineral owners across the oil and gas industry and directly contradict[ing] the Commission's current practice. The Commission would be left without the ability to protect correlative rights in cases where it allows the drilling of lease-line wells involving overlapping spacing units." Commission Brief at ¶ 2. See also Commission Brief at ¶ 24 (stating, "[a]ll pooled interest owners within the base spacing units should receive their equitable share of that oil, not just the interest owners in the sections located within the overlapping lease-line spacing unit but all interest owners in horizontal wells in the base spacing units.")

[¶54] The District Court was clear – the Commission has jurisdiction over claims like the one brought by Dominek and Andress Sandefer. Further, Continental already made this same argument that claims involving the allocation of production from lease-line wells in overlapping spacing units across underlying spacing units presented a nonjudiciable political question. See Continental Amicus Brief at ¶¶11 – 14. It was rejected by virtue of the Supreme Court failing to adopt this argument, and issuing its decision. As noted in detail above, the Legislature has unquestionably delegated the authority to answer this question and address Andress Sandefer's claim to the Commission. See also Wisdahl at \*5 (stating, "The Court concludes from the language, structure, and purpose of the regulatory scheme set out in Chapter 38-08 [N.D.C.C.], that the North Dakota Industrial Commission has been granted very

broad authority to regulate and administer oil and gas related activities in the State of North Dakota.")

[¶55] Similarly, the Supreme Court failed to adopt Continental's argument that every single owner in overlapping and underlying units needed to be added before the Court could proceed with answering whether production from lease-line wells in overlapping units must be allocated across underlying units. See Continental Amicus at ¶¶ 13 – 14. The Supreme Court proceeded in Dominek with answering the first certified question over Continental's objection, and sent the remaining four questions back for determination to the District Court. The District Court then held the Commission had jurisdiction over the questions. What's more, there's nothing in Chapter 38-08, or N.D.C.C. § 38-08-11(4), that requires or even implies that Andress Sandefer must add every owner in and outside the Oakdale Field who has interests in an overlapping or underlying spacing unit with a lease-line well. The statute – N.D.C.C. § 38-08-11(4) – allows Andress Sandefer, as an interested party, to bring their Application to the Commission for determination as an absolute right. <sup>10</sup>

[¶56] If the Commission, however, believes every single owner in overlapping and underlying spacing units where there are lease-line wells needs to be added, then the remedy is not dismissal with prejudice, but for the Commission to grant Andress Sandefer leave to add all of those parties to this matter, and to order that Continental provide the contact information for every such owner in their lease-line wells so those parties can be added. Fortunately, there

<sup>&</sup>lt;sup>10</sup> It's also quite rich for Continental to suddenly feign concern that all the potentially impacted owners in overlapping and underlying spacing units where there are lease-line wells be added to this matter when Continental did not provide actual notice to Andress Sandefer, or any other similarly situated owners in the Underlying Spacing Unit, when it decided not to allocate any production from Carson Peak 4 and Whitman FIU 13 Wells in the Overlapping Spacing Unit across the Underlying Spacing Unit.

is nothing in Chapter 38 - 08 that requires every similarly situated owner be added before proceeding with the hearing on Andress Sandefer's Application and the Commission deciding it on the merits.

#### IV. CONCLUSION

[¶57] For these reasons, Andress Sandefer respectfully requests that the Commission denies Continental's Motion to Dismiss, and proceed with determining Andress Sandefer's claim on the merits.

Dated this 29<sup>th</sup> day of December, 2023.

#### **VOGEL LAW FIRM**

/s/ Joshua A. Swanson

BY: Joshua A. Swanson (#06788) 218 NP Avenue PO Box 1389 Fargo, ND 58107-1389

Telephone: 701.237.6983

Email: <u>jswanson@vogellaw.com</u> ATTORNEYS FOR PETITIONERS

5305958.1

## BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS. MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, "BOB" FULWILER, **ROBERT** HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID CONSIDER HALBERT, TO **ALLOCATION** OF PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING **CONSISTING SPACING UNIT** SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2, TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

AFFIDAVIT OF JOSHUA A. SWANSON

STATE OF NORTH DAKOTA	)
	) SS.
COUNTY OF CASS	)

- I. Joshua A. Swanson, being first duly sworn upon oath, state as follows:
- 1. I am a duly licensed attorney in North Dakota, and am the attorney for the Petitioners in this matter.
- 2. <u>Exhibit A</u> is a true and accurate copy of the December 11, 2023, e-mail from counsel for Continental Resources, Inc., to the Industrial Commission.
- 3. Exhibit B is a true and accurate copy of the United States District Court's decision in Dominek v. Equinor Energy L.P., 2023 WL 3742825 (D.N.D. May 31, 2023).

- 4. <u>Exhibit C</u> is a true and accurate copy of the Brief of Amicus Curiae filed with the North Dakota Supreme Court on August 19, 2022, by Continental Resources, Inc., in <u>Dominek v. Equinor Energy L.P.</u>, Supreme Court Case No. 20220088.
- 5. Exhibit D is a true and accurate copy of the February 5, 2021, letter from the Industrial Commission in NDIC No. 36559.
- 6. <u>Exhibit E</u> is a true and accurate copy of the May 23, 2022, letter from Andress Sandefer to Continental Resources, Inc.

FURTHER AFFIANT SAYETH NOT.

Dated this 29th day of December, 2023.

**VOGEL LAW FIRM** 

BY: Joshua A. Swanson (#06788)

218 NP Avenue PO Box 1389

Fargo, ND 58107-1389 Telephone: 701.237.6983

Email: jswanson@vogellaw.com ATTORNEYS FOR PETITIONERS

Subscribed and sworn to before me this and day of December, 2023.

MAKELL L. PAULING-NORMANDIN Notary Public State of North Dakota My Commission Expires July 2, 2026

By – MaKell L. Pauling-Normandin Notary Public, Cass County, ND

(SEAL)

From: <u>James Parrot</u>

To: Sagsveen, Matthew A.; Joshua A. Swanson

Cc: -Info-Oil & Gas Division; Forsberg, Sara L.; Helm, Kerrie L.; Tracy Peterson; Jake Haseman

Subject: RE: Case 30604

**Date:** Monday, December 11, 2023 9:17:19 PM

#### Mr. Sagsveen,

Continental and the Applicants have worked out a stipulation regarding Continental's requested continuance, on the following terms:

- Applicants do not object to Continental's request for a continuance to January, which ideally will be rescheduled for a date no sooner than January 15, 2024.
- Applicants' Response to Continental's Motion to Dismiss will be due on December 29, 2023.
- Continental's Reply will be due no sooner than January 8, 2024.
- The hearing shall be continued to a date in January that, ideally, allows the Commission enough time to rule on the Motion to Dismiss. I believe Mr. Swanson is not available January 16-19, and I am not available January 28-29. We are continuing to coordinate with our clients regarding their availability as well.
- Continental stipulates to the facts contained in Exhibits B through K to Applicants' Prehearing Brief.

If you have any questions please let me know.

I believe that Mr. Swanson intends to confirm his agreement with the above terms in response to this email.

#### Sincerely,

James Parrot, | Shareholder, Beatty & Wozniak, P.C.

Direct: 303-407-4458 | Mobile: 303-917-2261

From: Sagsveen, Matthew A. <masagsve@nd.gov>

Sent: Monday, December 11, 2023 2:52 PM

**To:** Joshua A. Swanson <jswanson@vogellaw.com>; James Parrot <JParrot@bwenergylaw.com> **Cc:** -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Forsberg, Sara L. <slforsberg@nd.gov>; Helm, Kerrie L. <khelm@nd.gov>; Tracy Peterson <TPeterson@bwenergylaw.com>; Jake Haseman <jhaseman@bwenergylaw.com>; Fax <fax@bwenergylaw.com>

**Subject:** RE: Case 30604

#### **CAUTION: EXTERNAL SOURCE**

#### Counsel,

The Commission/DMR staff would be ok with continuing the hearing to January.

Matthew Sagsveen

Hearing Examiner

Assistant Attorney General
Director of Natural Resources and Native American Affairs Division
North Dakota Office of Attorney General
500 N. 9th Street
Bismarck, ND 58501-4509

(701) 328-3640

From: Joshua A. Swanson < <u>iswanson@vogellaw.com</u>>

**Sent:** Sunday, December 10, 2023 8:38 AM **To:** James Parrot < <u>JParrot@bwenergylaw.com</u>>

**Cc:** Sagsveen, Matthew A. < <u>masagsve@nd.gov</u>>; -Info-Oil & Gas Division < <u>oilandgasinfo@nd.gov</u>>;

Forsberg, Sara L. <<u>slforsberg@nd.gov</u>>; Helm, Kerrie L. <<u>khelm@nd.gov</u>>; Tracy Peterson

<<u>TPeterson@bwenergylaw.com</u>>; Jake Haseman <<u>jhaseman@bwenergylaw.com</u>>

Subject: Re: Case 30604

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Hey James, good morning. I'll check with my clients today and get back to you tomorrow. The majority of them have already booked flights to Bismarck.

If the petitioners agreed to a continuance, Matt, would the Commission be able to reschedule this for its January docket?

Josh

Sent from my iPhone

On Dec 8, 2023, at 2:18 PM, James Parrot < <u>JParrot@bwenergylaw.com</u>> wrote:

Mr. Sagsveen and Mr. Swanson, please find attached a copy of Continental's Motion to Continue in Case No. 30604.

Continental inquired earlier today if Applicants oppose this motion and has not yet received a reply from Mr. Swanson as of the time of filing. Presumably, Applicants oppose this Motion.

Please let me know if you have any questions.

Sincerely,

#### James Parrot, | Shareholder, Beatty & Wozniak, P.C.

Direct: 303-407-4458 | Mobile: 303-917-2261

From: Sagsveen, Matthew A. < masagsve@nd.gov>

Sent: Tuesday, December 5, 2023 1:27 PM

**To:** James Parrot < <u>JParrot@bwenergylaw.com</u>>; Joshua A. Swanson

<<u>iswanson@vogellaw.com</u>>; Tracy Peterson <<u>TPeterson@bwenergylaw.com</u>>; Jake

Haseman < jhaseman@bwenergylaw.com>

**Cc:** Forsberg, Sara L. <<u>slforsberg@nd.gov</u>>; Helm, Kerrie L. <<u>khelm@nd.gov</u>>; Fax

<<u>fax@bwenergylaw.com</u>> **Subject:** RE: Case 30604

#### CAUTION: EXTERNAL SOURCE

#### Counsel,

I will be the hearing officer in this case. I just want to let you know, based upon the timing of the Motion, that the hearing in this matter will take place as planned. The Applicant shall have 14 days to respond and Continental may file a reply. The Commission will consider the relief requested by Continental in conjunction with the Application.

Matthew Sagsveen Hearing Officer

**From:** James Parrot < <u>JParrot@bwenergylaw.com</u>>

**Sent:** Monday, December 4, 2023 5:52 PM **To:** Forsberg, Sara L. <<u>slforsberg@nd.gov</u>>

**Cc:** Tracy Peterson < <u>TPeterson@bwenergylaw.com</u>>; Jake Haseman

<<u>ihaseman@bwenergylaw.com</u>>; Joshua A. Swanson <<u>iswanson@vogellaw.com</u>>

Subject: Case 30604

\*\*\*\*\* **CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe. \*\*\*\*\*

Good evening Sara,

Attached for Case 30604 is Continental's Motion to Dismiss the Application of Andress, Sandefer, et al.

Please let me know if you have any questions.

Sincerely, James Parrot James Parrot | Beatty & Wozniak, P.C. Shareholder

<image001.jpg>

1675 Broadway, Suite 600 Denver, CO 80202 Direct: 303-407-4458 Mobile: 303-917-2261 www.bwenergylaw.com

Energy in the Law

Confidentiality: This Beatty & Wozniak, P.C. email, its attachments and data ("email") are intended to be Confidential and may contain Attorney-Client Communications or Work Product. If you are not the intended recipient or may have received this message in error, notify the sender immediately and permanently delete the email and all copies thereof from any drives or storage media and destroy any printouts. Any unauthorized use or distribution of any of the information in this email is Strictly Prohibited.

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<NDIC Case 30604 - Continental Motion to Continue.pdf>

#### 2023 WL 3742825

Only the Westlaw citation is currently available. United States District Court, D. North Dakota.

Allen DOMINEK and Arlen Dominek, Plaintiffs,

EQUINOR ENERGY L.P. f/k/a and a/k/a Brigham Oil & Gas L.P. and Statoil Oil and Gas L.P., and Grayson Mill Williston, LLC, Defendants.

Case No. 1:19-cv-288

|
Signed May 31, 2023

#### **Attorneys and Law Firms**

Derrick L. Braaten, Braaten Law Firm, Bismarck, ND, for Plaintiffs.

Lawrence Bender, Fredrikson & Byron, PA, Bismarck, ND, Spencer D. Ptacek, Fredrikson & Byron, PA, Minneapolis, MN, for Defendants.

## ORDER GRANTING DEFENDANTS' MOTION TO DISMISS

Daniel L. Hovland, District Judge

\*1 Before the Court is the Defendants' motion to dismiss filed on February 8, 2023 See Doc. No. 78. The Plaintiffs filed a response in opposition to the motion on March 8, 2023. See Doc. No. 85. The Defendants filed a reply brief on March 22, 2023. See Doc. No. 88. For the reasons set forth below, the motion is granted.

#### I. BACKGROUND

The Plaintiffs, Allen Dominek and Arlen Dominek, commenced this action against Defendant Equinor Energy LP ("Equinor") by filing a complaint in federal court on December 31, 2019. See Doc. No. 1. The dispute arises over the proper allocation of royalties from a horizontal well (Weisz 11-14 XE #1H) and confusion created by multiple overlapping spacing units located in Williams County, North Dakota, which were created by a series of orders issued by the North Dakota Industrial Commission ("Industrial Commission"). Jurisdiction is based upon diversity of citizenship.

claims for an accounting, the payment of back royalties, and declaratory judgment. Equinor, the operator of the Weisz well, filed an answer and counterclaim on February 7, 2020. See Doc. No. 11.

In 2021, Equinor transferred assets and operator status for the Weisz well to Grayson Mill Williston, LLC ("Grayson Mill"). Grayson Mill is now the operator of the Weisz well. Due to Equinor's transfer of the Weisz well to Grayson Mill, the parties filed a stipulation requesting that the Court issue an order joining Grayson Mill as a Defendant pursuant to Fed. R. Civ. P. 20. See Doc. No. 58. Pursuant to Rule 20(a) (2), the Court granted the request on December 14, 2021. See Doc. No. 60. An amended complaint adding Grayson Mill as a Defendant was filed on December 28, 2021. See Doc. No. 62. Equinor remained as a Defendant as well.

On March 16, 2022, the Court certified five questions to the North Dakota Supreme Court related to the complex oil and gas royalty questions presented by the case. See Doc. No. 70. On November 23, 2022, the North Dakota Supreme Court issued an answer to the first question posed but declined to answer the remaining questions. See Doc. No. 75.

On February 8, 2023, the Defendants filed a motion to dismiss for lack of jurisdiction in which they contend the Plaintiffs' complaint fails to properly allege that complete diversity exists and Plaintiffs have failed to exhaust their administrative remedies. See Doc. No. 79. On May 2, 2023, the Court granted the Plaintiffs' motion to amend the complaint to better address the citizenship of the parties while the Court deferred ruling on the motion to dismiss. See Doc. No. 90. A second amended complaint was filed on May 5, 2023. See Doc. No. 91. The Defendants have both filed answers to the second amended complaint. See Doc. Nos. 92 and 95. The filing of the Second Amended complaint did not materially alter the issues raised in the motion to dismiss which has been fully briefed and is ripe for decision.

#### II. STANDARD OF REVIEW

The Defendant's motion to dismiss for lack of subject-matter jurisdiction is filed pursuant to Rule 12(b)(1) and 12(h)(3) of the Federal Rules of Civil Procedure. Since the pleadings are closed, the Defendants should have filed their motion pursuant to Rule 12(c). However, the effect is the same as all the defenses enumerated in Rule 12(b) may be raised after an answer is filed upon a 12(c) motion and the motion will be decided upon the same standard as applied to a motion under Rule 12(b). See 5C Wright & Miller, Federal Practice

and Procedure § 1367 (3d ed. 2023); see also Gallagher v. City of Clayton, 699 F.3d 1013, 1016 (8th Cir. 2012). A Rule 12(h)(3) motion may be raised on a motion under Rule 12(c). Id. The same standard applies to motion made under Rule 12(b)(1) and one made under Rule 12(h)(3). See 5C Wright & Miller, Federal Practice and Procedure § 1393 (3d ed. 2023); Cruz v. AAA Carting & Rubbish Removal, Inc., 116 F. Supp. 3d 232, 239 (S.D.N.Y. 2015). The difference between a motion to dismiss for lack of subject matter jurisdiction filed under Rules 12(b)(1), 12(c), and 12(h)(3) is purely acedemic.

\*2 Federal Rule of Civil Procedure 12(b)(1) governs motions to dismiss for lack of subject matter jurisdiction. "Subject matter jurisdiction defines the court's authority to hear a given type of case." Carlsbad Tech., Inc. v. HIF Bio, Inc., 556 U.S. 635, 639 (2009). Jurisdictional issues are a matter for the Court to resolve prior to trial. Osborn v. United States, 918 F.2d 724, 729 (8th Cir. 1990).

"A court deciding a motion under Rule 12(b)(1) must distinguish between a 'facial attack' and a 'factual attack' on jurisdiction. Osborn, 918 F.2d at 729 n.6. In a facial attack, "the court restricts itself to the face of the pleadings, and the non-moving party receives the same protections as it would defending against a motion brought under Rule 12(b)(6)." Id. (internal citations omitted). "In a factual attack, the court considers matters outside the pleadings, and the non-moving party does not have the benefit of 12(b)(6) safeguards." Id. (internal citation omitted). If a defendant wishes to make a factual attack on "the jurisdictional allegations of the complaint, the court may receive competent evidence such as affidavits, deposition testimony, and the like in order to determine the factual dispute. Titus v. Sullivan, 4 F.3d 590, 593 (8th Cir. 1993).

In this case, the Defendants cite only to the amended complaint and the shortcoming they suggest are contained therein. The motion is clearly a facial attack and both parties understand it to be so because the argument concerns an alleged pleading deficiency rather than a failure to factually comport with the jurisdictional prerequisites. Therefore, the Court will treat the motion as a facial attack and afford the Plaintiffs, the non-moving party, all the protections afforded by Rule 12(b)(6). The Court will consider only the complaint and the exhibits attached to the complaint. See Carlsen v. GameStop, Inc., 833 F.3d 903, 908 (8th Cir. 2016) (discussing a facial attack).

Rule 8(a)(2) of the Federal Rules of Civil Procedure requires a pleading to contain a "short and plain statement of the claim showing that the pleader is entitled to relief." Fed. R. Civ. P. 8(a)(2). Rule 12(b)(6) of the Federal Rules of Civil Procedure mandates the dismissal of a claim if there has been a failure to state a claim upon which relief can be granted. In order to survive a motion to dismiss under Rule 12(b)(6), "a complaint must contain sufficient factual matter, accepted as true, to state a claim to relief that is plausible on its face." Ashcroft v. Igbal, 556 U.S. 662, 678 (2009). A plaintiff must show that success on the merits is more than a "sheer possibility." Id. A complaint is sufficient if its "factual content ... allows the court to draw the reasonable inference that the defendant is liable for the misconduct alleged." Id. The court must accept all factual allegations as true, except for legal conclusions or "formulaic recitation of the elements of a cause of action." Id. at 681. Detailed factual allegations are not necessary under the Rule 8 pleading standard, rather a plaintiff must set forth grounds of its entitlement to relief which "requires more than labels and conclusions, and a formulaic recitation of the elements of a cause of action will not do." Bell Atl. Corp. v. Twombly, 550 U.S. 544, 555 (2007). A complaint does not "suffice if it tenders a naked assertion devoid of further factual enhancement." Ashcroft, 556 U.S. at 678 (2009). The determination of whether a complaint states a claim upon which relief can be granted is "a context-specific task that requires the reviewing court to draw on its judicial experience and common sense." Id. at 679. Dismissal will not be granted unless it appears beyond doubt the plaintiff can prove no set of facts entitling plaintiff to relief. Ulrich v.

#### III. LEGAL DISCUSSION

#### A. DIVERSITY JURISDICTION

Pop Cnty, 715 F.3d 1054, 1058 (8th Cir. 2013).

\*3 The Defendants contend the Plaintiffs failed to adequately plead diversity jurisdiction in that they did not specify the citizenship of the Defendants, both of which are unincorporated entities – a limited partnership and a limited liability company. The Plaintiffs were permitted to file a second amended complaint which, along with Equinor's Rule 7.1(a)(2) disclosure, has clarified the issue of whether complete diversity exists.

The Plaintiffs assert the Court has diversity jurisdiction pursuant to 28 U.S.C. § 1332. Under 28 U.S.C. § 1332(a), federal courts have subject matter jurisdiction over civil actions between parties with complete diversity of citizenship where the amount in controversy exceeds \$75,000. "Complete diversity of citizenship exists where no defendant holds citizenship in the same state where any plaintiff holds citizenship." OnePoint Solutions, LLC v. Borchert, 486 F.3d 342, 346 (8th Cir. 2007). Federal courts are courts of limited jurisdiction, and it is presumed that jurisdiction is lacking until the party claiming jurisdiction demonstrates otherwise. Kokkonen v. Guardian Life Ins. Co. of America, 511 U.S. 375, 377 (1994). Subject matter jurisdiction cannot be waived, and if it appears the subject matter jurisdiction is lacking, the court is obligated to consider the issue sua sponte. James Neff Kramper Family Farm P'ship v IBP, Inc., 393 F.3d 828, 834 (8th Cir. 2005); see also Fed. R. Civ. P. 12(h)(3) ("If the court determines at any time that it lacks subject-matter jurisdiction, the court must dismiss

the action.")

The citizenship of a limited liability company is the citizenship of each of its members. Id. Likewise, a limited partnership's citizenship is the citizenship of each of its partners. Carden v. Arkoma Assocs., 494 U.S. 185, 189 (1990). A corporation, including an alien corporation, is deemed to be a citizen of its state or place of incorporation and the state or place where it has its principle place of business. 28 U.S.C. § 1332(c)(1); In re Arrowhead Cap. Mgmt. LLC Class Litig., 712 F. Supp. 2d 924, 929 (D. Minn. 2010). Diversity of citizenship is determined at the time the action is filed. Grupo Dataflux v. Atlas Global Group, L.P., 541 U.S. 567, 570-71 (2004); Associated Ins. Mgmt. Corp. v. Ark. Gen. Agency, Inc., 149 F.3d 794, 796 (8th Cir. 1998). "Diversity jurisdiction, once established, is not defeated by the addition of a nondiverse party to the action" or subsequent events provided the subsequently added nondiverse party was not indispensable at the time the action was commenced. Freeport-McMoRan, Inc. v. K N Energy, Inc., 498 U.S. 426, 428 (1991); Dominium Austin Partners, L.L.C. v. Emerson, 248 F.3d 720, 725 (8th Cir. 2001). The corollary to this rule is that "if diversity did not exist when the complaint was filed, it cannot be created by a change of domicile by one of the parties or some other event." Saadeh v. Farouki, 107 F.3d 52, 57 (D.C. Cir. 1997).

The Plaintiffs are citizens of Florida and Ohio. <u>See</u> Doc. No. 91. Equinor is a citizen of Nevada, Delaware, and Texas. <u>See</u> Doc. No. 94. The Court need not inquire into the citizenship of Grayson Mill as it was added as a party more than a year after the action was filed and was not an indispensable party at the time the action was commenced. <u>See</u> Doc. No. 90. Thus, the Court finds diversity is complete.

# B. <u>EXHAUSTION OF ADMINISTRATIVE</u> REMEDIES

The Defendants contend the Plaintiffs failed to exhaust their administrative remedies before the North Dakota Industrial Commission. The Plaintiffs argue the Industrial Commission cannot provide them the relief they seek. It is undisputed the Plaintiffs did not seek any sort of redress before the Industrial Commission.

\*4 The doctrine of administrative exhaustion mandates that "a plaintiff must administratively exhaust her remedies before filing suit in federal court." King v. United States, 3 F.4th 996, 999 (8th Cir. 2021) (discussing cases). The failure to exhaust administrative remedies makes an action subject to Rule 12(b) (1) dismissal for lack of subject-matter jurisdiction. See id. It is well-established that "[w]here relief is available from an administrative agency, the plaintiff is ordinarily required to pursue that avenue of redress before proceeding to the courts; and until that recourse is exhausted, suit is premature and must be dismissed." Reiter v. Cooper, 507 U.S. 258, 269 (1993); see Harris v. P.A.M. Transport, Inc., 339 F.3d 635, 638 (8th Cir. 2003) (noting failure to exhaust administrative remedies requires dismissal).

The exhaustion requirement serves four primary purposes. First, it carries out the congressional purpose in granting authority to the agency by discouraging the frequent and deliberate flouting of administrative processes [that] could ... encourag[e] people to ignore its procedures. Second, it protects agency autonomy by allowing the agency the opportunity in the first instance to apply its expertise, exercise whatever discretion it may have been granted, and correct

its own errors. Third, it aids judicial review by allowing the parties and the agency to develop the facts of the case in the administrative proceeding. Fourth, it promotes judicial economy by avoiding needless repetition of administrative and judicial factfinding, and by perhaps avoiding the necessity of any judicial involvement at all, if the parties successfully vindicate their claims before the agency. Without an exhaustion requirement, people would be encouraged to ignore the administrative dispute resolution structure, destroying its utility.

Peters v. Union Pacific R.R. Co., 80 F.3d 257, 263 n. 3 (8th Cir. 1996) (internal quotations and citations omitted). "As a general rule, judicial interference should be withheld until the administrative process has run its course." Burlington Northern, Inc. v. Chicago and North Western Transp. Co., 649 F.2d 556, 558-59 (8th Cir. 1981). The Eighth Circuit regularly applies the exhaustion doctrine in cases where a litigant has failed to fully adhere to the administrative appeals process provided by agency regulations. See Klaudt v. United States Dep't of Interior, 990 F.2d 409, 411-12 (8th Cir. 1993).

The North Dakota Supreme Court has advised that "[d]ismissal for lack of subject matter jurisdiction is generally appropriate if the plaintiff fails to exhaust administrative remedies, because failure to exhaust those remedies precludes making a claim in court." Cont'l Res., Inc. v. Counce Energy BC #1, LLC, 905 N.W.2d 768, 771 (N.D. 2018). The exhaustion doctrine applies to claims subject to the Industrial Commission's review in the first instance. Id. at 772 ("Because the parties have failed to exhaust their administrative remedies before the Commission, we conclude the district court lacked subject matter jurisdiction over this lawsuit."); Wisdahl v. XTO Energy Inc., No. 4:13-CV-136, 2014 WL 10537960, at \*15 (D.N.D. May 14, 2014) (proposed class action concerning flaring natural gas lacked subject-matter jurisdiction where plaintiffs failed to exhaust administrative remedies before the Industrial Commission).

In this case, the Court agrees with the Defendants that the Plaintiffs' claims require interpreting and applying the Industrial Commission's pooling orders. The Industrial Commission's regulations state: "The commission, its agents, representatives, and employees are charged with the duty and obligation of enforcing all rules and statutes of North Dakota relating to the conservation of oil and gas." N.D. Admin Code § 43-02-03-05. The Plaintiffs' claims require the interpretation and application of at least two pooling orders which are not easily understood. Such review falls precisely within the Industrial Commission's jurisdiction as the regulatory body which created spacing units. The Industrial Commission should be given the first opportunity to explain its orders, create a factual record, correct its error, and explain how its orders should be interpreted.

Klaudt, 990 F.2d at 412. At present, the Court is faced with interpreting pooling orders in the absence of any meaningful administrative record and would be required to guess at what the Industrial Commission intended. The Plaintiffs ask the Court to interpret the Industrial Commission's pooling orders in the first instance and without the benefit of the Industrial Commission's input. This is precisely the situation the exhaustion doctrine was intended to prevent.

\*5 The Court has no doubt the Plaintiffs' claims are subject to the jurisdiction of the Industrial Commission as the North Dakota Supreme Court has repeatedly emphasized that Chapter 38-08 of the North Dakota Century Code grants the Industrial Commission broad authority to regulate oil and gas development. Counce Energy, 905 N.W.2d at 771; Wisdahl, 2014 WL 10537960, at \*14 ("Chapter 38–08, along with the orders and rules of the Industrial Commission implementing those provisions, necessarily supersede many common law property claims."). The Industrial Commission's regulations state: "The commission, its agents, representatives, and employees are charged with the duty and obligation of enforcing all rules and statutes of North Dakota relating to the conservation of oil and gas." N.D. Admin. Code § 43-02-03-05. Chapter 38-08 gives the Industrial Commission extensive authority to issue pooling orders. Protection of correlative rights and prevention of waste are matters the North Dakota Legislature has entrusted to the Industrial Commission. See N.D.C.C. §§ 38-08-07, 38-08-08. Allowing the Industrial Commission the opportunity to explain the meaning of the language it used in its pooling orders is not the same as deciding a contractual or royalty dispute. The Industrial Commission's expertise in these matters is ordinarily entitled to great deference. See Hanson v. Indus. Comm'n, 466 N.W.2d 587, 590-91 (N.D. 1991). To decide the issues presented in this case without the benefit of the Industrial Commission's input in the first instance would be contrary to the design of Chapter 38-08 and the purpose of the exhaustion doctrine.

The Court concludes the Plaintiffs' claims fall within the Industrial Commission's jurisdiction and the Plaintiffs failed to exhaust their administrative remedies. Given this failure, the Court concludes it lacks subject matter jurisdiction.

Accordingly, and for the reasons set forth above, the Defendants' motion to dismiss (Doc. No. 78) is **GRANTED**. The case is dismissed without prejudice for lack of subject matter jurisdiction.

#### IT IS SO ORDERED.

#### **All Citations**

Slip Copy, 2023 WL 3742825

#### III. CONCLUSION

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STATE OF NORTH DAKOTA

# IN THE SUPREME COURT STATE OF NORTH DAKOTA

### **EXHIBIT C**

Allen Dominek and Arlen Dominek,	
Plaintiffs/Appellants,	) Supreme Court No. ) 20220088
VS.	U.S. District Court No.
Equinor Energy L.P. f/k/a and a/k/a	) 1:19-cv-00288
Brigham Oil & Gas L.P. and Statoil Oil	)
and Gas L.P., and Grayson Mill	)
Williston, LLC	)
Defendants/Appellees.	)

Certification Order Entered March 16, 2022 U.S. District Court Case No. 1:19-cv-288 United States District Court for the District of North Dakota The Honorable Daniel L. Hovland

### BRIEF OF AMICUS CURIAE CONTINENTAL RESOURCES, INC. PARTIALLY IN SUPPORT OF DEFENDANTS/APPELLEES AND PARTIALLY IN SUPPORT OF PLAINTIFFS/APPELLANTS

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#### **Statement of Identity and Interest**

[1] Continental is the largest producer of oil and gas in North Dakota—over 160,000 barrels of oil equivalent per day from thousands of wells in multiple formations. In the past two years, Continental produced nearly 100 million barrels of oil equivalent in North Dakota, generating nearly \$6 billion. Continental operates seven horizontal drilling rigs (nearly 20% of the state's total), drilling roughly 15 wells per month. Continental owns approximately 655,000 net acres of oil and gas leasehold in North Dakota and plans to continue to drill and produce in North Dakota for the foreseeable future. Much of Continental's leasehold is developed with Overlapping Units (as defined below) that have noncontiguous boundaries with Base Units (as defined below). Consequently, Continental has more at stake in the outcome of this case than any other operator in the state.

#### Statement per N.D. APP. R. 29(a)(D)

[2] This Brief was authored solely by Continental's counsel. No party, party's counsel, or other person contributed money intended to fund preparing or submitting this Brief.

#### Introduction

- [3] Pursuant to Rule 29 of the North Dakota Rules of Appellate Procedure, Continental respectfully submits this Brief as amicus curiae in support of (i) the position taken by Plaintiffs-Appellants Allen Dominek and Arlen Dominek ("Domineks") regarding allocation of production from Overlapping Units, and (ii) the position taken by Defendants-Appellees Equinor Energy L.P., f/k/a and a/k/a Brigham Oil & Gas L.P. and Statoil Oil and Gas L.P.; and Grayson Mill Williston, LLC (collectively, "Equinor"), regarding whether this Court should decline to answer the pending certified questions.
  - [4] Continental presents the following arguments for this Court's consideration.
  - a. Equinor correctly argues that this Court should decline to answer the

certified questions because the District Court lacks subject matter jurisdiction due to Domineks' failure to exhaust administrative remedies.

- b. This Court should decline to answer the certified questions because the factual record is not fully developed and this Court's answers would not be dispositive.
- c. The District Court also lacks subject matter jurisdiction because the central issue of the underlying case involves nonjusticiable political questions, which should be resolved by the elected officials of the NDIC or the North Dakota Legislature.
- d. This Court should exercise supervisory jurisdiction and remand the case to the NDIC because the underlying case presents issues of vital importance to the public, the state's courts, and the state's economy, and there is no adequate alternative remedy.
- e. This Court should defer to the legislature or the elected officials of the NDIC to answer the certified questions, because the case at issue excludes considerations vital to industry, the state, and the public.
- f. Domineks correctly interpret N.D.C.C. § 38-08-08 and standard North Dakota Industrial Commission ("NDIC") pooling orders, insofar as they argue that proceeds from an Overlapping Unit should only be allocated to tracts within the Overlapping Unit, and not to a tract outside the Overlapping Unit that is within a Base Unit.
- [5] For purposes of this Brief, a "Base Unit" is an existing spacing unit that does not overlap other spacing units in the same formation. An "Overlapping Unit" is a spacing unit established for purposes of a section line well drilled in the setback corridors along two or more Base Units. Such section line wells require Overlapping Units, which overlap two or more Base Units. It is assumed for this Brief that all Base Units and Overlapping

Fig. 1 - Case at Issue Figure 3 - Overlapping Units Fig. 2 – Overlapping Units Units in North Dakota Section 12 are subject to NDIC Base Spacing Sections 11 Unit No. 2 and 14 pooling orders with Base Spacing Base Spacing Base Spacing Unit No. 1 Unit No. 2 Unit No. 2 provisions substantially Sections 13 and 24 Base Spacing Base Spacing similar to NDIC Order Unit No. 1 Base Spacing Unit No. 1 Unit No. 3 Nos. 27791 and 18082. The Base Spacing spacing units in this case represent just one of Unit No. 3 many configurations for Overlapping Units. The four Base Spacing Unit No. 3 figures at right depict other configurations, and illustrate how complex these situations can become. These figures reflect existing Overlapping Units, not theoretical configurations. As demonstrated, the pending action involves the simplest possible overlap. Much more complex Overlapping Units are Figure 4 – Overlapping Units

#### **Argument**

Subject Matter Jurisdiction and Failure to Exhaust Administrative Remedies.

common in the state.

[6] Continental agrees with Equinor that this Court should decline to answer the certified questions because Domineks failed to exhaust their administrative remedies. Equinor Brief at ¶¶ 7-11. This Court "may refuse to consider a certified question if it is ... not dispositive of the issues before the district court." N.D.R.App.P. 47.1(c)(1). As explained by

Equinor, the District Court lacks subject matter jurisdiction over Domineks' claims because Domineks failed to exhaust their administrative remedies. Equinor Brief at ¶¶ 7-11. Without jurisdiction, the District Court cannot issue a valid judgment. *Cont'l Res., Inc. v. Counce Energy BC #1, LLC*, 2018 ND 10, ¶ 6, 905 N.W.2d 768, 771. Lack of subject matter jurisdiction is dispositive, cannot be waived, and may be raised at any time. *Id.* Answers to the certified questions are not dispositive, because the District Court's lack of jurisdiction is dispositive. Answering the certified questions causes an impermissible advisory opinion and a waste of this Court's resources, which is why this Court avoids answering certified questions that are not dispositive. *State v. G.C.H.*, 2019 ND 256, ¶ 6, 934 N.W.2d 857, 860. This Court should decline to answer the certified questions because they are not dispositive of the District Court case.

#### 2. Factual Record Not Fully Developed.

[7] This Court should decline to exercise its discretion to answer the certified questions because the record was not fully developed at the District Court level. This Court has declined to answer certified questions where, notwithstanding its answers, "all of the issues in the case will remain to be tried, and the outcome of the suit will depend upon the evidence submitted in the case." *Merchant v. Richland Cty. Water Mgmt. Dist., Bd. of Comm'rs*, 270 N.W.2d 801, 804-805 (N.D. 1978) (quoting *School Bd. of Eagle Pub. Sch. Dist. No. 16 v. State Board*, 126 N.W.2d 799, 802 (N.D. 1964). The parties' motions for summary judgment contain extensive and contradictory factual allegations. R24-26, R32-34. Clearly, complex factual issues await adjudication. Even if this Court answers the certified questions, the District Court must determine the amount of royalties paid, when they were paid, by whom and to whom they were paid, and the existence of any deficiency,

among other factual issues. This case is not yet ripe for certified questions to this Court.

#### 3. Nonjusticiable Political Questions.

[8] This Court should decline to answer the certified questions because they involve nonjusticiable political questions. "The nonjusticiability of a political question is primarily a function of the separation of powers." *Baker v. Carr*, 369 U.S. 186, 210 (1962). A nonjusticiable political question exists where (among other issues) "the impossibility of deciding without an initial policy determination of a kind clearly for nonjudicial discretion; or the impossibility of a court's undertaking independent resolution without expressing lack of the respect due coordinate branches of government..." *Id.* at 217. The pending certified questions involve broad public policy issues that will dramatically affect the state's economy and billions of dollars in production revenue that have long been paid and spent. Such decisions are for the legislature, not the courts. Furthermore, sensitive and highly technical oil and gas issues are the purview of the NDIC's three elected officials. These issues should be answered by the NDIC or the legislature, not the courts.

#### 4. Supervisory Jurisdiction.

[9] This Court may remand this case back to the NDIC pursuant to its discretionary authority to exercise supervisory jurisdiction. N.D. Const. art. VI, § 2, and N.D.C.C. § 27-02-04; see also State v. Haskell, 2001 ND 14, ¶ 4, 621 N.W.2d 358. This Court will exercise such authority "rarely and cautiously, and only to rectify errors and prevent injustice in extraordinary cases in which there is no adequate alternative remedy." Roe v. Rothe-Seeger, 2000 ND 63, ¶ 5, 608 N.W.2d 289, 291. In State vs. G.C.H., this Court declined to answer certified questions because they were not dispositive, but did exercise supervisory jurisdiction because there was no alternative remedy to prevent injustice. Id.

[10] The certified questions present issues of significant concern to the public, the courts, the state's economy, and a vital industry. Billions of dollars are at stake. A decision from any court on the substantive issues will trigger a profusion of litigation, with no possibility of a return to the current détente. There will be no adequate remedy to unwind any court ruling. This Court has previously exercised its supervisory jurisdiction in very similar circumstances. *Wilkinson v. Bd. of Univ. & Sch. Lands of N.D.*, 2020 ND 179, ¶ 20, 947 N.W.2d 910, 916. Thus, this situation is ripe for this Court to exercise supervisory jurisdiction, and put the matter in the hands of the NDIC's elected officials.

#### 5. These Issues Are Appropriate For Political, Not Judicial Resolution.

- a. This case is too narrow for the potential decision that could be issued.
- [11] This case presents only one, very narrow, version of the myriad possibilities of Overlapping Units. There are dozens of variations of Overlapping Units, yet this Court is being asked to rule based on just one example. This Court cannot consider all dimensions of the issues because of the narrow confines of a single litigation matter. For example, the Base Unit covering Sections 13 and 24 might terminate prior to the Overlapping Unit for the Weisz Well. Then this Court's decision becomes improper, as it was based on the existence of a non-existent Base Unit. This situation will arise frequently, because in many cases, section line wells (which compel Overlapping Units) are drilled, and will produce, long after the wells in the Base Units cease production (rendering the Base Units obsolete).

[12] Another example involves Overlapping Unit pooling orders obtained by companies that use Domineks' allocation method. Such companies followed statutory and regulatory pooling requirements, but only as to interested parties within the boundaries of the Overlapping Units. However, Equinor's interpretation would require notice and

elections to all parties within overlapped Base Units. Consequently, many existing NDIC pooling orders for Overlapping Units will be subject to collateral attack – another highly undesirable result of addressing the certified questions within the narrow confines of a single litigation matter. Given the many ramifications of this Court's decision that cannot be part of the analysis of this case, these issues should be determined by the legislature or the NDIC's elected officials, not this Court.

b. The parties to this case are too few for the potential decision.

[13] The case at issue involves only two parties,<sup>1</sup> yet the outcome will affect hundreds of companies and tens of thousands of individuals if this Court provides substantive answers to the certified questions. Those parties will have no input or opportunity to participate in the decision. Due process requires "the promotion of participation and dialogue by affected individuals in the decisionmaking process," but in this case, numerous parties will be affected with no opportunity to be heard. *Marshall v. Jerrico, Inc.*, 446 U.S. 238, 242, 100 S. Ct. 1610, 1613 (1980).

[14] The best way to protect the right to participate in the decision-making process for potentially affected parties is through the political system. The legislature is better suited to considering vital policy considerations affecting billions of dollars in revenue, much that has already been paid. The legislature, rather than this Court, is equipped to exonerate past payments, correct an undesirable policy choice, and balance the myriad interests of competing stakeholders. Even if the legislature does not act, these policy issues

<sup>&</sup>lt;sup>1</sup> Although there are two named Appellees, they are functionally one party, with Grayson Mill Williston, LLC being the successor to Equinor Energy L.P. f/k/a and a/k/a Brigham Oil & Gas L.P. and Statoil oil and Gas L.P. <a href="https://tinyurl.com/54ahybsj">https://tinyurl.com/54ahybsj</a> (last visited August 17, 2022). Likewise, Allen Dominek and Arlen Dominek both own mineral rights at issue in this case, and are functionally a single party.

can be addressed through the NDIC, a political body composed of elected officials.

# 6. Domineks Correctly Interpret N.D.C.C. § 38-08-08 and NDIC Pooling Orders.

#### a. Introduction.

[15] If this Court does answer the certified questions presented, it should conclude that production from the Weisz 11-14 XE #1H well ("Weisz Well") should be allocated as recommended by Domineks. Continental agrees with, and fully supports the legal arguments made by Domineks insofar as they pertain to the allocation of proceeds from a well within an Overlapping Unit.

# b. Plain language of the statute.

[16] Continental echoes that the plain language of the statute requires allocation according to the Domineks' method. Under the pooling statute, production from "each tract included in a spacing unit covered by a pooling order must, when produced, be deemed for all purposes to have been produced from such tract by a well drilled thereon." N.D.C.C. § 38-08-08(1). The word "thereon" refers to a "tract included in a spacing unit covered by a pooling order." Here, Section 24 is not a "tract included in a spacing unit covered by a pooling order" for the Overlapping Unit covering Sections 11 through 14. Production from the Weisz Well cannot be deemed to be production from Section 24. It is only deemed production from Sections 11 through 14. As the law stands, the NDIC has no power or authority to determine otherwise.

[17] Equinor argues that "[t]here is no single order or statute that directs Equinor to allocate production from the [Weisz Well] to owners of oil and gas interests in Section 24." Equinor Brief at ¶ 13. Rather, Equinor argues a patchwork of NDIC orders and statutory provisions combine to require an allocation method appearing nowhere in

N.D.C.C. § 38-08-08 or any other statute. *Id*. Equinor fails to address the fundamental flaw in its argument: the NDIC cannot change the statute, and any NDIC order that conflicts with the plain language of the statute is *ultra vires* and invalid.

c. The Weisz Well is not a well within any Base Unit.

[18] Equinor incorrectly argues that NDIC Order No. 18082 (which pooled the Base Unit for Sections 13 and 24) allocates *all* production that occurs (or is deemed to occur by Order No. 27791) on Section 13 equally between Sections 13 and 24. Equinor Brief at ¶ 19. Equinor's argument fails, however, because Equinor conflates the Base Unit and the Overlapping Unit pooled by Order Nos. 18082 and 27791, respectively. The Weisz Well is *not a well* within the Base Unit that is subject to Order No. 18082. The Base Unit and the Overlapping Unit are separate legal entities. Just because they share a proximate geographic area does not mean they automatically merge into a single spacing unit.

d. Allocating production across all Base Units creates the absurd result of allocating among separate pools, and should be avoided.

[19] The NDIC establishes separate spacing units for separate pools:

When necessary to prevent waste, to avoid the drilling of unnecessary wells, or to protect correlative rights, the commission shall establish spacing units *for a pool*. Spacing units when established must be of uniform size and shape for the entire pool, except that when found to be necessary for any of the purposes above mentioned, the commission is authorized to divide any pool into zones and establish spacing units *for each zone*, which units may differ in size and shape from those established in any other zone.

N.D.C.C. § 38-08-07(1) (emphasis added). A "pool" is "an underground reservoir containing a common accumulation of oil or gas or both; each zone of a structure which is completely separated from any other zone in the same structure *is a pool*, as that term is used in this chapter." N.D.C.C. § 38-08-02(13) (emphasis added). Every spacing unit, by

statutory definition, covers a separate pool from every other spacing unit.

[20] Overlapping Units cover different pools or zones than the Base Units they overlap, even though the Base Units apply to the exact same geological interval as the Overlapping Units. This is a legal fiction necessary for the NDIC to establish Overlapping Units. The Overlapping Units and the Base Units, therefore, cover different pools or zones, even though they apply to the same geologic interval. Neither the NDIC nor Equinor would ever argue that production from a 320-acre Lodgepole spacing unit would be allocated across the entirety of a 1,280-acre Bakken spacing unit overlapping the Lodgepole spacing unit (e.g., NDIC Order Nos. 10397 and 26312, respectively). Though absurd, this result is the only possible outcome following Equinor's argument.

[21] Equinor's interpretation of the pooling statute and orders would create an absurd result. This Court interprets statutes in accordance with the plain meaning of their words, and avoids absurd or ludicrous results. *State v. Fasteen*, 2007 ND 162, ¶ 8, 740 N.W.2d 60, 63. Equinor's interpretation of N.D.C.C. § 38-08-08 and Order Nos. 18082 and 27791 would require allocation across all pools and formations. It would be as though North Dakota's oil and gas resources existed in a two-dimensional plane. "The rules of statutory interpretation militate against such an 'absurd' result." *Winkler v. Gilmore & Tatge Mfg. Co.*, 334 N.W.2d 837, 841 (N.D. 1983).

e. Equinor's interpretation is wrong because it creates a daisy chain effect.

[22] Additionally, if this Court adopts Equinor's interpretation, a "daisy chain" effect would inevitably occur when Overlapping Units overlap other Overlapping Units, as in Figure 4 above. Granted, Equinor and the NDIC argue the "daisy chain" effect is

precluded by a provision included in all pooling orders for Overlapping Units.<sup>2</sup> Equinor Brief at ¶ 32, NDIC Brief at ¶ 20. While such provision may express the NDIC's *intent*, when a provision of an administrative agency order conflicts with statute, courts will hold the order or the provision invalid. *Olson v. Job Serv. N.D.*, 2013 ND 24, 826 N.W.2d 36.

[23] The anti-daisy chain provision states that an Overlapping Unit's pooling order does not require reallocation within other spacing units. However, Equinor argues that once a Base Unit is pooled, production that is deemed *by statute* to occur on any tract in the Base Unit is deemed to occur on all tracts. Thus, in Figure 4, production in Base Unit 1 is *deemed* to be production on all of Base Units 1, 2 and 3 because of the Overlapping Unit (outlined in red) covering portions of those Base Units. Thus, according to Equinor, any production from such Overlapping Unit is statutorily deemed as production on all of Base Units 1, 2 and 3, and must be allocated to all lands in any Overlapping Units covering any portions of Base Units 1, 2, and 3. Consequently, because statute takes precedence over NDIC orders, this results in production being allocated to all of the Overlapping Units outlined in red, blue and purple, comprising fourteen sections and nearly 9,000. Clearly, this absurd result of Equinor's interpretation was not the legislature's intent.

f. Equinor's allocation harms, rather than protects, correlative rights.

[24] Equinor incorrectly argues that its allocation protects correlative rights.

Equinor claims that the Weisz Well produces oil that would "otherwise be produced from

<sup>&</sup>lt;sup>2</sup> "This order is limited to pooling the spacing unit described above for the development and operation of such spacing unit by the horizontal well(s) authorized for such spacing unit by order of the Commission. This order does not modify, amend or alter previous pooling orders for other spacing units or require the reallocation of production allocated to separately owned tracts within any spacing unit by any existing pooling orders or any pooling agreements.

the" Dominek 13-24 1-H Well (NDIC File No. 21499) ("Dominek Well"). Equinor Brief at ¶ 22. Equinor reasons that the Weisz Well production must therefore be allocated to Section 24 to protect the Section 24 owners' correlative rights. The Dominek Well is more than one-half mile from the Weisz Well, so it is extremely unlikely that the Weisz Well produces oil that would otherwise be produced by the Dominek Well. However, if Equinor is correct, then the Dominek Well is producing oil that would otherwise be produced by the Weisz Well, which would then be allocated to owners in Sections 11 and 14. Instead, the Dominek Well is only allocated to the owners in Sections 13 and 24.

[25] In any case, the Weisz Well produces only from Sections 11-14, and should be allocated to only Sections 11-14 to best protect correlative rights. Correlative Rights is defined in North Dakota as:

The opportunity afforded, so far as it is practicable to do so, to the owner of each property in a pool to produce without waste his just and equitable share of the oil or gas, or both, in the pool; being an amount, so far as can be practically determined, and so far as can practicably be obtained without waste, substantially in the proportion that the quantity of recoverable oil or gas, or both, under such property bears to the total recoverable oil or gas, or both, in the pool, and for such purposes to use his just and equitable share of the reservoir energy.

Hystad v. Indus. Comm'n, 389 N.W.2d 590, 595-96 (N.D. 1986) (internal citation and quotations omitted). An Overlapping Unit covers a pool separate from the overlapped Base Units. Equinor's allocation reroutes production from the Overlapping Unit pool to the Base Unit pool. If the Overlapping Unit pool has a million barrels of recoverable oil, Equinor's allocation method diverts 125,000 barrels to Section 24, leaving 875,000 barrels for the Overlapping Unit pool. Thus, a 10% owner of the property in the Overlapping Unit pool should receive 100,000 barrels, but only gets 87,500 under Equinor's allocation method.

[26] Alternatively, under Domineks' allocation method, the owners in Section 24

receive nothing from the Weisz Well, but will receive a share of proceeds from a section line well drilled on the boundary between Sections 23-26, and in an Overlapping Unit covering those same sections. Thus, the Section 24 owners will have the equal opportunity to produce the oil underlying their section. This is the best way to protect correlative rights.

g. Equinor's interpretation conflicts with NDIC's Overlapping Units policy.

[27] Finally, Equinor's interpretation disregards the NDIC's discretionary authority to establish Overlapping Units that cover all Base Units. If Equinor is correct that production from a section line well should be allocated to all lands in adjacent Base Units, the NDIC would most logically create and pool Overlapping Units accordingly. Rather than create a 2,560-acre Overlapping Unit that allocates proceeds to 3,200 acres (Figure 1), or 3,840 acres (Figure 2) or 5,120 acres (Figure 3), the NDIC would sensibly create and pool an Overlapping Unit covering 3,200, or 3,840 or 5,120 acres, using Equinor's allocation formula. The NDIC's policy is to form Overlapping Units that do not always cover all adjacent Base Units. Thus, Domineks' interpretation is consistent with NDIC policy.

h. BLM'S CA policy is not persuasive or relevant, and should be disregarded.

[28] The North Dakota Petroleum Council ("NDPC") supports its argument with a BLM memorandum about overlapping communitization agreements ("CAs") that aligns with Equinor's allocation method. NDPC Brief at ¶¶ 9-10. However, the BLM memorandum is not persuasive or relevant and should be disregarded. The BLM has recently issued two interpretations regarding allocation of proceeds from overlapping CAs, as follows:

Permanent Instruction Memorandum 2018-012, dated July 3, 2018, issued by the Assistant Director for the Energy, Minerals, and Realty Management

Division of the BLM in Washington D.C., with the subject of "Adjudicating Overlapping Communitization Agreements" ("PIM 2018-12"); and

Permanent Instruction Memorandum 2018-004, dated July 3, 2018, issued by the Montana Deputy State Director for Energy, Minerals & Realty in Billings, Montana, with the subject of "Adjudicating Overlapping Communitization Agreements in North Dakota" ("MT PIM 2018-04").

[29] PIM 2018-012 (national BLM) mandates Domineks' allocation method for overlapping CAs while MT PIM 2018-04 (Montana BLM) mandates Equinor's allocation method for overlapping CAs. The conflict between the national and Montana BLM offices is resolved by a provision in PIM 2018-012, which authorizes a state BLM office to develop different policies in accord with state statutes, regulations, and practice. MT PIM 2018-004 contains scant analysis to support its conclusions about allocation methods. It merely quotes a section of N.D.C.C. § 38-08-08 and the NDIC's standard anti-daisy-chain provision. The lack of analysis, alone, is sufficient grounds for this Court to disregard MT PIM 2018-004. More importantly, CAs are not statutory pooling and not relevant to the certified questions. A CA is a voluntary contract between the federal government and private parties with interests in oil and gas production. *Burlington Resources Oil & Gas Co.*, 150 IBLA 178, 185 (IBLA August 31, 1999). A CA is not relevant to the pooling statute, which derives from the state's police power, not its power to enter into contracts. *Cont'l Res. v. Farrar Oil Co.*, 1997 ND 31, ¶ 16, 559 N.W.2d 841, 846.

[30] The NDPC argues that this Court should tailor its interpretation of state law to suit the BLM's interpretation of state law. This argument is circular: the federal tail wagging the state dog. Rather if this Court answers the certified questions, the BLM should issue a new memorandum consistent with this Court's answers. Pandemonium will not then ensue. Existing CAs will remain valid because they are approved contracts not subject to

unilateral alteration by decision of BLM. Burlington, 150 IBLA at 186.

**Conclusion** 

[31] This Court should decline to answer the certified questions. They are not

dispositive of the underlying case because of Domineks' failure to exhaust administrative

remedies and the many factual issues to be determined at trial. This case involves

nonjusticiable political questions and the central issues should be resolved by legislature

or by the elected officials of the NDIC.

[32] In the alternative, should this Court take up a decision on the certified

questions, it should answer the certified questions as recommended below. Any other

answers would create absurd results and run contrary to the plain meaning of the pooling

statute. The interpretation utilized by the BLM is not relevant, and the Equinor's allocation

method fails to protect correlative rights or account for vital public considerations. For

these reasons and those set forth above, if this Court does not decline to answer the certified

questions, it should answer them as follows.

Q1: no (Continental adopts Domineks' reasoning regarding this question)

Q2: no (Continental adopts Domineks' reasoning regarding this question)

Q3: yes (Continental adopts Domineks' reasoning regarding this question)

Q4: no (Continental adopts Equinor's reasoning regarding this question)

Q5: no (Continental adopts Equinor's reasoning regarding this question)

Dated this 22nd day of August, 2022.

By: /s/ James P. Parrot

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# **CERTIFICATE OF COMPLIANCE**

The undersigned hereby certifies under N.D.R.App.P. 29(a)(5) and 32(a)(8)(A), that this Brief uses proportional typeface, 12 pt. font, and does not exceed 19 pages.

By: /s/ James P. Parrot
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# IN THE SUPREME COURT STATE OF NORTH DAKOTA

Allen Dominek and Arlen Dominek,	)
Plaintiffs/Appellants,	) Supreme Court No. 20220088
vs.  Equinor Energy L.P. f/k/a and a/k/a Brigham Oil & Gas L.P. and Statoil Oil and Gas L.P., and Grayson Mill Williston, LLC	) U.S. District Court No. 1:19-cv-00288 ) )
Defendants/Appellees.	ý

## **CERTIFICATE OF SERVICE**

I hereby certify that on August 17, 2022, the following documents: BRIEF OF AMICUS CURIAE CONTINENTAL RESOURCES, INC. PARTIALLY IN SUPPORT OF DEFENDANTS/APPELLEES AND PARTIALLY IN SUPPORT OF PLAINTIFFS/APPELLANTS was filed electronically with the Supreme Court through the E-Filing Portal which served copies by electronic mail upon all counsel of record as follows:

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# IN THE SUPREME COURT STATE OF NORTH DAKOTA

Allen Dominek and Arlen Dominek,	)
Plaintiffs/Appellants,	) Supreme Court No. 20220088
VS.	) IIS District Count No.
Equinor Energy L.P. f/k/a and a/k/a	) U.S. District Court No. 1:19-cv-00288
Brigham Oil & Gas L.P. and Statoil Oil	)
and Gas L.P., and Grayson Mill	)
Williston, LLC	)
Defendants/Appellees.	) )

## **CERTIFICATE OF SERVICE**

I hereby certify that on August 22, 2022, the following documents: BRIEF OF AMICUS CURIAE CONTINENTAL RESOURCES, INC. PARTIALLY IN SUPPORT OF DEFENDANTS/APPELLEES AND PARTIALLY IN SUPPORT OF PLAINTIFFS/APPELLANTS was filed electronically with the Supreme Court through the E-Filing Portal which served copies by electronic mail upon all counsel of record as follows:

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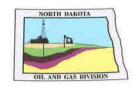


EXHIBIT D

February 5, 2021

Martin Thompson PO Box 633 Bismarck, ND 58502

RE: Fladeland #14-26HU

SWSW Sec. 26-T153N-R91W

Mountrail County, ND

Sanish Field File No. 36559

Dear Mr. Thompson:

This letter is in response to your inquiry concerning the spacing unit for the Fladeland #14-26HU well and the distribution of royalties.

The Fladeland #14-26HU well (File No. 36559) is a lease-line horizontal well completed in a lease-line spacing unit described as Sections 25, 26, 35, and 36, Township 153 North, Range 91 West, Mountrail County, North Dakota (Sections 25, 26, 35, and 36) (Figure 1). Sections 25, 26, 35, and 36 are currently a lease-line 2560-acre spacing unit in Zone XL in the Sanish-Bakken Pool with up to two lease-line horizontal wells allowed on an east-west orientation, originally established by Order No. 29250 entered in Case No. 26810 on April 26, 2019. Order No. 30123 entered in Case No. 27679 on August 8, 2019 pooled all oil and gas interests in said spacing unit for the development and operation of the spacing unit. The Fladeland #14-26HU well was completed on October 22, 2019 and has produced 232,875 barrels of oil, 40,635 barrels of water, and 275,328 thousand cubic feet (MCF) of gas through October 2020. The Fladeland #14-26HU well is the only horizontal well completed in said lease-line spacing unit.

Sections 26 and 27, Township 153 North, Range 91 West, Mountrail County, North Dakota (Section 27) (Figure 2), are currently a laydown 1280-acre spacing unit in Zone XXIII in the Sanish-Bakken Pool with up to eleven horizontal wells allowed, originally established by Order No. 11295 entered in Case No. 9615 on August 28, 2007. Order No. 11296 entered in Case No. 9616 on August 28, 2007 pooled all oil and gas interests in said spacing unit for the development and operation of the spacing unit. There are five horizontal wells completed in said spacing unit operated by Whiting Oil and Gas Corporation:

1. The Liffrig #11-27H well (File No. 16780) is a horizontal well from a surface location 800 feet from the north line and 225 feet from the west line of Section 27 to a bottom hole location in the SE/4 SE/4 of Section 26. This well was completed on January 23, 2008 and has produced 680,089 barrels of oil, 84,984 barrels of water, and 531,726 MCF of gas through October 2020.

Martin Thompson February 5, 2021

The Fladeland #14-27H well (File No. 22670) is a horizontal well from a surface location 1,175 feet from the south line and 335 feet from the west line of Section 27 to a bottom hole location in the SW/4 SE/4 of Section 26. This well was completed on July 11, 2012 and has produced 410,703 barrels of oil, 65,075 barrels of water, and 285,853 MCF of gas through October 2020.

- 2. The Fladeland #13-27TFH well (File No. 22671) is a horizontal well from a surface location 2,525 feet from the south line and 325 feet from the west line of Section 27 to a bottom hole location in the SW/4 SE/4 of Section 26. This well was completed on August 21, 2012 and has produced 242,346 barrels of oil, 289,861 barrels of water, and 169,732 MCF of gas through October 2020.
- 3. The Liffrig #11-27-2H well (File No. 31993) is a horizontal well from a surface location 799 feet from the north line and 271 feet from the west line of Section 27 to a bottom hole location in the SE/4 SE/4 of Section 26. This well was completed on July 19, 2017 and has produced 329,154 barrels of oil, 87,223 barrels of water, and 321,953 MCF of gas through October 2020.
- 4. The Fladeland #13-27H well (File No. 32088) is a horizontal well from a surface location 2,525 feet from the south line and 280 feet from the west line of Section 27 to a bottom hole location in the SE/4 SE/4 of Section 26. This well was completed on July 29, 2017 and has produced 319,555 barrels of oil, 57,840 barrels of water, and 392,546 MCF of gas through October 2020.

Sections 22 and 23, Township 153 North, Range 91 West, Mountrail County, North Dakota (Sections 22 and 23) (Figure 3), are currently a laydown 1280-acre spacing unit in Zone XXIII in the Sanish-Bakken Pool with up to eleven horizontal wells allowed, originally established by Order No. 11199 entered in Case No. 9534 on July 27, 2007. Order No. 11201 entered in Case No. 9536 on July 27, 2007 pooled all oil and gas interests in said spacing unit for the development and operation of the spacing unit. There are four horizontal wells completed in said spacing unit operated by Whiting Oil and Gas Corporation:

- 1. The Locken #11-22H well (File No. 16731) is a horizontal well from a surface location 660 feet from the north line and 1,270 feet from the west line of Section 22 to a bottom hole location in the SE/4 SE/4 of Section 23. This well was completed on December 13, 2007 and has produced 751,037 barrels of oil, 40,416 barrels of water, and 643,071 MCF of gas through October 2020.
- 2. The Pam Locken #21-22TFH well (File No. 21890) is a horizontal well from a surface location 840 feet from the north line and 1,745 feet from the west line of Section 22 to a bottom hole location in the NE/4 SE/4 of Section 23. This well was completed on February 19, 2012 and has produced 169,825 barrels of oil, 188,854 barrels of water, and 136,469 MCF of gas through October 2020.
- 3. The Daryl Locken #21-22H well (File No. 21889) is a horizontal well from a surface location 354 feet from the north line and 1,686 feet from the west line of Section 22 to a bottom hole location in the NE/4 NE/4 of Section 23. This well was completed on February 26, 2012 and has produced 527,378 barrels of oil, 38,939 barrels of water, and 457,265 MCF of gas through October 2020.

4. The McNamara #41-26H well (File No. 31858) is a horizontal well from a surface location 225 feet from the north line and 269 feet from the east line of Section 26 to a bottom hole location in the NW/4 NW/4 of Section 22. This well was completed on August 21, 2017 and has produced 408,421 barrels of oil, 53,121 barrels of water, and 570,671 MCF of gas through October 2020.

Sections 22, 23, 26, and 27 are currently a 2560-acre spacing unit (Figure 4) in Zone XLIV in the Sanish-Bakken Pool with up to eleven horizontal wells allowed, originally established by Order No. 12127 entered in Case No. 10260 on August 21, 2008. Order No. 12259 entered in Case No. 10370 on September 26, 2008 pooled all oil and gas interests in said spacing unit for the development and operation of the spacing unit. There are six horizontal wells completed in said spacing unit operated by Whiting Oil and Gas Corporation:

- 1. The McNamara #42-26H well (File No. 17586) is a horizontal well from a surface location 2,400 feet from the north line and 250 feet from the east line of Section 26 to a bottom hole location in the SW/4 SW/4 of Section 22. This well was completed on December 6, 2008 and has produced 548,480 barrels of oil, 64,806 barrels of water, and 475,723 MCF of gas through October 2020.
- 2. The McNamara #41-26XH well (File No. 23565) is a horizontal well from a surface location 315 feet from the north line and 270 feet from the east line of Section 26 to a bottom hole location in the SW/4 NW/4 of Section 22. This well was completed on December 24, 2012 and has produced 307,522 barrels of oil, 27,167 barrels of water, and 380,156 MCF of gas through October 2020.
- 3. The McNamara #42-26XH well (File No. 23567) is a horizontal well from a surface location 2,360 feet from the north line and 830 feet from the east line of Section 26 to a bottom hole location in the SW/4 SW/4 of Section 22. This well was completed on January 22, 2013 and has produced 325,668 barrels of oil, 47,942 barrels of water, and 386,967 MCF of gas through October 2020.
- 4. The McNamara #42-26-3XH well (File No. 31855) is a horizontal well from a surface location 2,360 feet from the north line and 634 feet from the east line of Section 26 to a bottom hole location in the NW/4 SW/4 of Section 22. This well was completed on July 28, 2017 and has produced 397,817 barrels of oil, 104,072 barrels of water, and 807,647 MCF of gas through October 2020.
- 5. The McNamara #41-26-2XH well (File No. 31857) is a horizontal well from a surface location 270 feet from the north line and 269 feet from the east line of Section 26 to a bottom hole location in the NW/4 NW/4 of Section 22. This well was completed on August 13, 2017 and has produced 388,289 barrels of oil, 91,208 barrels of water, and 701,718 MCF of gas through October 2020.
- 6. The McNamara #42-26-2XH well (File No. 31854) is a horizontal well from a surface location 2,360 feet from the north line and 679 feet from the east line of Section 26 to a bottom hole location in the SW/4 SW/4 of Section 22. This well was completed on August 25, 2017 and has produced 319,837 barrels of oil, 82,395 barrels of water, and 582,471 MCF of gas through October 2020.

Sections 35 and 36 are currently a laydown 1280-acre spacing unit (Figure 5) in Zone XXIII in the Sanish-Bakken Pool with up to eleven horizontal wells allowed, originally established by Order No. 11935 entered in Case No. 10111 on June 9, 2008. Order No. 11936 entered in Case No. 10112 on June 9, 2008 pooled all oil and gas interests in said spacing unit for the development and operation of the spacing unit. There are six horizontal wells completed in said spacing unit operated by Whiting Oil and Gas Corporation:

- 1. The Niemitalo #11-35H well (File No. 17575) is a horizontal well from a surface location 500 feet from the north line and 320 feet from the west line of Section 35 to a bottom hole location in the NE/4 SE/4 of Section 36. This well was completed on February 3, 2009 and has produced 694,014 barrels of oil, 56,435 barrels of water, and 480,899 MCF of gas through October 2020.
- 2. The Niemitalo #12-35H well (File No. 18481) is a horizontal well from a surface location 2,500 feet from the north line and 330 feet from the west line of Section 35 to a bottom hole location in the SE/4 SE/4 of Section 36. This well was completed on May 8, 2010 and has produced 618,892 barrels of oil, 47,517 barrels of water, and 541,952 MCF of gas through October 2020.
- 3. The Kamps #11-35TFH well (File No. 20297) is a horizontal well from a surface location 1,200 feet from the north line and 430 feet from the west line of Section 35 to a bottom hole location in the SE/4 SE/4 of Section 36. This well was completed on June 27, 2011 and has produced 113,605 barrels of oil, 197,924 barrels of water, and 91,278 MCF of gas through October 2020.
- 4. The Monson #11-35H well (File No. 23529) is a horizontal well from a surface location 350 feet from the north line and 950 feet from the west line of Section 35 to a bottom hole location in the SE/4 NE/4 of Section 36. This well was completed on October 21, 2012 and has produced 296,411 barrels of oil, 28,220 barrels of water, and 253,798 MCF of gas through October 2020.
- 5. The Bentsen #13-35H well (File No. 25152) is a horizontal well from a surface location 1,700 feet from the south line and 400 feet from the west line of Section 35 to a bottom hole location in the SW/4 SE/4 of Section 36. This well was completed on May 24, 2013 and has produced 260,640 barrels of oil, 11,005 barrels of water, and 339,673 MCF of gas through October 2020.
- 6. The Niemitalo #11-35-2H well (File No. 32624) is a horizontal well from a surface location 1,495 feet from the north line and 425 feet from the west line of Section 35 to a bottom hole location in the SE/4 SE/4 of Section 36. This well was completed on October 22, 2019 and has produced 183,144 barrels of oil, 28,353 barrels of water, and 215,599 MCF of gas through October 2020.

Section 25 and Section 24, Township 153 North, Range 91 West, Mountrail County, North Dakota (Section 24) (Figure 6), are currently a standup 1280-acre spacing unit in Zone XXII in the Sanish-Bakken Pool with up to eleven horizontal wells allowed, originally established by Order No. 11935 entered in Case No. 10111 on June 9, 2008. Order No. 11936 entered in Case No. 10112 on June 9, 2008 pooled all oil and gas interests in said spacing unit for the

Martin Thompson February 5, 2021

development and operation of the spacing unit. There are five horizontal wells completed in said spacing unit operated by Whiting Oil and Gas Corporation:

- 1. The Nesheim #1-24H well (File No. 17253) is a horizontal well from a surface location 300 feet from the north line and 460 feet from the west line of Section 24 to a bottom hole location in the SW/4 SE/4 of Section 25. This well was completed on September 10, 2008 and has produced 560,813 barrels of oil, 73,147 barrels of water, and 352,296 MCF of gas through October 2020.
- 2. The Nesheim #21-24H well (File No. 18136) is a horizontal well from a surface location 335 feet from the north line and 2,300 feet from the west line of Section 24 to a bottom hole location in the SE/4 SE/4 of Section 25. This well was completed on October 30, 2009 and has produced 475,350 barrels of oil, 68,907 barrels of water, and 294,915 MCF of gas through October 2020.
- 3. The Eric Nesheim #21-24TFH well (File No. 19994) is a horizontal well from a surface location 340 feet from the north line and 1,450 feet from the west line of Section 24 to a bottom hole location in the SE/4 SE/4 of Section 25. This well was completed on August 6, 2011 and has produced 143,924 barrels of oil, 197,132 barrels of water, and 127,046 MCF of gas through October 2020.
- 4. The Nesheim #13-24H well (File No. 25554) is a horizontal well from a surface location 460 feet from the north line and 233 feet from the west line of Section 24 to a bottom hole location in the SE/4 SW/4 of Section 25. This well was completed on August 23, 2013 and has produced 361,928 barrels of oil, 39,833 barrels of water, and 368,849 MCF of gas through October 2020.
- 5. The Nesheim #41-24H well (File No. 25555) is a horizontal well from a surface location 228 feet from the north line and 2,030 feet from the west line of Section 24 to a bottom hole location in the SE/4 NE/4 of Section 25. This well was completed on August 24, 2013 and has produced 356,228 barrels of oil, 50,488 barrels of water, and 324,122 MCF of gas through October 2020.

Sections 23, 24, 25, and 26 are currently a lease-line 2560-acre spacing unit (Figure 7) in Zone XXXIX in the Sanish-Bakken Pool with up to two lease-line horizontal wells allowed on a north-south orientation, originally established by Order No. 29251 entered in Case No. 26811 on January 30, 2019. I could not find an application to pool all oil and gas interests in said spacing unit for the development and operation of the spacing unit. There are no horizontal wells permitted to or producing from said lease-line spacing unit.

North Dakota Century Code (NDCC) Section 38-08-07 states in part: "The Commission shall set spacing units as follows: (1) When necessary to prevent waste, to avoid the drilling of unnecessary wells, or to protect correlative rights, the commission shall establish spacing units for a pool. Spacing units when established must be of uniform size and shape for the entire pool, except that when found to be necessary for any of the purposes above mentioned, the commission is authorized to divide any pool into zones and establish spacing units for each zone, which units may differ in size and shape from those established in any other zone."

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NDCC Section 38-08-08(1) states in part: "When two or more separately owned tracts are embraced within a spacing unit, or when there are separately owned interests in all or a part of the spacing unit, then the owners and royalty owners thereof may pool their interests for the development and operation of the spacing unit. In the absence of voluntary pooling, the commission upon the application of any interested person shall enter an order pooling all interests in the spacing unit for the development and operations thereof. Each such pooling order must be made after notice and hearing, and must be upon terms and conditions that are just and reasonable, and that afford to the owner of each tract or interest in the spacing unit the opportunity to recover or receive, without unnecessary expense, his just and equitable share. Operations incident to the drilling of a well upon any portion of a spacing unit covered by a pooling order must be deemed, for all purposes, the conduct of such operations upon each separately owned tract in the drilling unit by the several owners thereof. That portion of the production allocated to each tract included in a spacing unit covered by a pooling order must, when produced, be deemed for all purposes to have been produced from such tract by a well drilled thereon."

The SE/4 of Section 26 is within the following spacing units:

- 1. The base laydown 1280-acre spacing unit described as Sections 26 and 27;
- 2. The overlapping 2560-acre spacing unit described as Sections 22, 23, 26, and 27;
- 3. The overlapping lease-line 2560-acre spacing unit described as Sections 23, 24, 25, and 26; and
- 4. The overlapping lease-line 2560-acre spacing unit described as Sections 25, 26, 35, and 36.

The production from a well in a spacing unit is allocated to the various interest owners based upon an acreage basis in the spacing unit. In your situation, the production from the Fladeland #14-26HU well in the lease-line 2560-acre spacing unit described as Sections 25, 26, 35, and 36 (we will assume 640 acre sections) is allocated 25% (1/4) to each section in the lease-line 2560-acre spacing unit and consequently 6.25% (1/16) to each quarter section. While the production is allocated to the various tracts, it then may be reallocated based upon pooling agreements that include a particular tract (i.e. the SE/4 of Section 26). The "allocation" of production to lands outside the lease-line 2560-acre spacing unit is based upon these pooling agreements. What this means is the 25% allocated to Section 25 is shared by the 1280-acre pooled base spacing unit described as Sections 24 and 25; the 25% allocated to Section 26 is shared by the 1280-acre pooled base spacing unit described as Sections 26 and 27; and the remaining 50% is shared by the 1280-acre pooled base spacing unit described as Sections 35 and 36.

The Commission believes the allocation of production as described is appropriate since the lease-line horizontal well in the overlapping lease-line 2560-acre spacing unit will recover oil from lands within the setback area of the underlying base 1280-acre spacing units, oil that without the lease-line horizontal well would be recovered less efficiently or not at all by the horizontal wells in the base 1280-acre spacing units; therefore, all pooled interest owners within the base 1280-acre spacing units should receive their equitable share of that oil, not just the interest owners in the sections included in the lease-line spacing unit but all interest owners in horizontal wells in the base 1280-acre spacing unit.

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The Commission also believes the lease-line horizontal well may cause positive or negative impacts to a well or wells in a base 1280-acre spacing unit shared by all interest owners within the base 1280-acre spacing unit; therefore, the Commission believes all pooled owners within the base 1280-acre spacing unit should be compensated, not just the interest owners in the sections included in the lease-line spacing unit.

To clarify a statement in your April 28, 2020 letter to Lynn Helms, that "I talked to Dave McCusker in your office and he explained to me that the actual spacing unit is Sections 24, 25, 26, 27, 35 and 36." The spacing unit for the Fladeland #14-26HU well is actually Sections 25, 26, 35, and 36 but the production allocated to Section 25 is shared with Section 24 based upon Section 24 being pooled with Section 25 in a standup 1280-acre base spacing unit described as Sections 24 and 25; and the production allocated to Section 26 is shared with Section 27 based upon Section 27 being pooled with Section 26 in a laydown 1280-acre base spacing unit described as Sections 26 and 27.

To address paragraph 4 in your November 2, 2020 letter to Lynn Helms in which you discuss Order No. 31089 entered in Case No. 28548 and the Commission's analysis of the amount of oil produced by existing wells, the relevant factors involved in that analysis are that previous development that had resulted in significant drainage had occurred on a north-south orientation in standup spacing units and the applicant was proposing to further develop the lands with east-west development in laydown spacing units. The analysis was to show that the proposed development and change in spacing unit orientation would not protect correlative rights. The statement "...therefore the Commission believes the establishment of the S/2 of Sections 1 and 2, the SE/4 of Section 3, the NE/4 of Section 10, and the N/2 of Sections 11 and 12 as a laydown lease-line 1600-acre spacing unit should be considered in a future application." was made because the Commission was unsure if the applicant still wanted to establish its proposed lease-line spacing unit described as the S/2 of Sections 1 and 2, the SE/4 of Section 3, the NE/4 of Section 10, and the N/2 of Sections 11 and 12 since the Commission was denying the applicant's proposed base spacing units.

To address your assertion in your January 27, 2021 letter that "...the commission can and should be regulating the division of royalties under section line wells.", the Commission does not have jurisdiction to enforce lease terms, division orders, or other agreements regarding the payment of royalties; that jurisdiction lies with a district court. NDCC Section 47-16-39.1 states: "The obligation arising under an oil and gas lease to pay oil or gas royalties to the mineral owner or the mineral owner's assignee, or to deliver oil or gas to a purchaser to the credit of the mineral owner or the mineral owner's assignee, or to pay the market value thereof is of the essence in the lease contract, and breach of the obligation may constitute grounds for the cancellation of the lease in cases where it is determined by the court that the equities of the case require cancellation. If the operator under an oil and gas lease fails to pay oil or gas royalties to the mineral owner or the mineral owner's assignee within one hundred fifty days after oil or gas produced under the lease is marketed and cancellation of the lease is not sought or if the operator fails to pay oil or gas royalties to an unleased mineral interest owner within one hundred fifty days after oil or gas production is marketed from the unleased mineral interest owner's mineral interest, the operator thereafter shall pay interest on the unpaid royalties, without the requirement that the mineral owner or the mineral owner's assignee request the payment of interest, at the rate of eighteen percent per annum until paid, except that the commissioner of university and school lands may negotiate a rate to be no less than the prime rate as established by the Bank of North Dakota plus four percent per annum with a maximum of eighteen percent per annum, for unpaid

Martin Thompson February 5, 2021

royalties on minerals owned or managed by the board of university and school lands. Provided, that the operator may remit semiannually to a person entitled to royalties the aggregate of six months' monthly royalties where the aggregate amount is less than fifty dollars. The district court for the county in which the oil or gas well is located has jurisdiction over all proceedings brought pursuant to this section. The prevailing party in any proceeding brought pursuant to this section is entitled to recover any court costs and reasonable attorney's fees. This section does not apply when mineral owners or their assignees elect to take their proportionate share of production in kind, in the event of a dispute of title existing that would affect distribution of royalty payments, or when a mineral owner cannot be located after reasonable inquiry by the operator; however, the operator shall make royalty payments to those mineral owners whose title and ownership interest is not in dispute." (emphasis added)

The Commission understands this is a complex issue and is working on clarifying language to include in pooling orders. I will update you with the language when it is finalized.

The foregoing analysis is the understanding and interpretation of the North Dakota Industrial Commission, Department of Mineral Resources, Oil and Gas Division and is not a legal opinion. If you disagree with this understanding and interpretation, you may want to seek qualified legal counsel.

Sincerely,

Mark Bohrer

Hearing/Well Spacing Specialist

Thank Bohn-

# Joshua A. Swanson

jswanson@vogellaw.com

# **EXHIBIT E**

May 23, 2022

Brooks Richardson Vice President & Deputy General Counsel Continental Resources, Inc. 20 N. Broadway Ave. Oklahoma City, OK 73102 e-mail to: brooks.richardson@clr.com

Re: Thurmon Andress & Melissa Sandefer

Whitman Wells and Carson Peak Section Line Well

Our File No.: 057773.22000

#### Dear Brooks:

I hope this letter finds you well. I represent Thurmon Andress and Melissa Sandefer with respect to their interests in Dunn County, North Dakota, specifically: Township 147 North, Range 96 West, Sections 22, 23, 26, and 27 (the "Andress Sandefer Minerals").

Mr. Andress has spoken with TJ Botchet, Scott Davis, and Doug Lawler regarding our serious concerns related to the degradation of the value of the Andress Sandefer Minerals caused by actions taken by Continental Resources ("Continental"). The purpose of this letter is to further explain our position and to request that Continental take action to resolve this matter. Andress and Sandefer have longstanding friendships both with Continental and with Harold Hamm. They deeply value these relationships and it was with reluctance that they retained my services. It is their hope that we can reach a solution that works for all parties.

Until recently, the Andress Sandefer Minerals in Sections 22 and 27 were spaced in a 2,560 acre unit that included the two sections to the south, Section 34, and Section 3 in Township 146 North, Range 96 West. Unbeknownst to Andress and Sandefer, Continental applied to the Industrial Commission to change the spacing of the 2,560 acre unit, which included Sections 22 and 27, to a 1,280 acre unit for the purpose of drilling the nine new Whitman wells in Sections 34 and 3. As a result, my clients have been cut-out of the valuable production from the new Whitman wells spaced in the 1,280 acre unit after it was downsized from previously being a 2,560 acre unit consisting of Sections 22, 27, 34, and 3. They have approximately a three percent working interest in the 2,560 acre unit, which includes the two parent Whitman wells and Hawkinson wells.

Andress and Sandefer believe their reserves under the two parent Whitman wells will be harvested by the nine new Whitman wells, thus violating their correlative rights. Not only are they being cut



218 NP Avenue | PO Box 1389 | Fargo, ND 58107-1389 Phone: 701.237.6983 | Fax: 701.237.0847 | Toll Free: 800.677.5024 out of these new wells with the change to the spacing unit – after their reserves in Sections 22 and 27 were shared with the owners in Sections 34 and 3, and they paid to help Continental hone its drilling in developing this pool –they stand to lose millions of dollars from their share in the two parent Whitman wells, which will be siphoned off by the new Whitman wells.

The two parent Whitman wells have also been shut-in since early April, costing Andress and Sandefer money each month that goes by without production, which is especially damaging in the current market environment. Additionally, based on the history with new offset fracs, it's likely the parent wells will need to be reworked because of the impact of these fracs, causing Andress and Sandefer significant damage as many months will pass without production from the parent wells.

As Mr. Andress indicated in his conversations with Lawler, Botchet, and Davis, his and Sandefer's preferred solution is to be allowed to pay their way into the new Whitman wells by virtue of Continental selling them an interest rather than challenging the spacing at the Industrial Commission or filing an action in district court.

We view this solution as equitable considering: (1) the owners in Sections 34 and 3 received significant monetary gain by being included in the wells in Sections 22 and 27 spaced in the 2,560 acre unit; (2) the aforementioned losses they will incur with respect to their interests in the two parent Whitman wells; and (3) Continental using the 2,560 acre unit as a pilot program of sorts to reduce risk and develop the shared pool under the unit. As noted in *Hystad v. Industrial Commission*, each landowner is entitled to their just and equitable share of oil or gas in a pool, and the operator owes a duty to all other owners of interest in the common source of supply not to damage or take an undue proportion of oil or gas from the common source of supply. *Hystad*, 389 N.W.2d 590, 595 (N.D. 1986).

What's more, in *Hystad*, the Court explained that a guiding principle of development under N.D.C.C. §38-08-07 is creating spacing units of uniform size and shape for the entire pool, and a deviation from that is only allowed if it's necessary to prevent waste, avoid drilling unnecessary wells, or to protect correlative rights. *Id.* at 593. The fact that Continental developed the pool as a 2,560 acre unit, then changed course after drilling so many wells, violates this guiding principle. The fact that Andress and Sandefer did not receive notice of Continental's application to change the size from a 2,560 acre unit to 1,280 acre unit deprived them of their opportunity to present testimony and evidence to the Industrial Commission as to how that would impact their interests.

"[t]he Commission's focus in establishing spacing units must consider the right of each owner to recover a just and equitable share of the common source of supply within the context of the other owners' interest in that common source of supply. When a deviation from the standard of a uniform size unit is necessary to protect correlative rights, the Commission must explain why the deviation is necessary within the context of the right of each owner to a just

and equitable share of the common source of supply and the duty to other owners not to damage or take an undue proportion of oil or gas from that common source of supply."

*Id.* at 597. The transcript from the NDIC hearing quoted in Justice Vande Walle's concurrence concerning correlative rights and the fairness of changing the size of the unit given the facts in *Hystad* parallels the facts involved here. *See id.* 598 – 600. As Mr. Andress explained in his e-mails to, and discussions with, Continental, we do not believe the modification to a 1,280-acre unit was just or equitable. Having said that, our strong preference as previously mentioned is reaching a workable solution.

The second area of concern involves the Morris and Carson Peak unit. Andress and Sandefer participated in all 12 wells drilled in the Carson Peak up to the time when the Carson Peak 4-35HSL lease line well was drilled. While they were allowed to participate in the eastern most lease well, the Carson Peak 14-35HSL2 well, Continental did not include them in the western lease line well, the Carson Peak 4-35HSL. For the same reasons discussed above, it was not just or equitable to cut Andress and Sandefer out of the Carson Peak 4-35HSL well because their reserves in the Carson Peak unit will be drained by this new well, costing them production and the benefits of that production.

Considering the same, as Mr. Andress has expressed, they would like to pay their way into the new wells. They are open to a discussion on any alternatives proposed by Continental to address their concerns. It may be helpful to have a meeting, either via video conference or in person, to discuss these issues and we are open to that as well. If you have any questions, I can be reached at my direct line, 701.356.6369, or via e-mail at <a href="mailto:jswanson@vogellaw.com">jswanson@vogellaw.com</a>. I look forward to hearing from you.

Respectfully,

Joshua A. Swanson

# BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS. MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON. **ROBERT** "BOB" FULWILER, **MCTAN** HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT, TO **CONSIDER** ALLOCATION **OF** PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT CONSISTING OF SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND **SECTION** TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

CERTIFICATE OF SERVICE

STATE OF NORTH DAKOTA	)
	) SS
COUNTY OF CASS	)

- [¶1] I hereby certify that on December 29, 2023, the following document(s):
  - 1. Petitioners' Response to Continental Resources, Inc.'s Motion to Dismiss;
  - 2. Affidavit of Joshua A. Swanson;
  - 3. Exhibit A December 11, 2023 e-mail from Continental Resources, Inc.'s counsel;
  - 4. Exhibit B United States District Court decision in *Dominek v. Equinor Energy LP*, 2023 WL 3742825 (D.N.D. May 31, 2023);
  - 5. Exhibit C Continental Resources, Inc.'s Brief of Amicus Curiae filed with the North Dakota Supreme Court in Supreme Court Case No. 20220088;
  - 6. Exhibit D Commission's February 5, 2021, letter in NDIC No. 36559; and
  - 7. Exhibit E Andress Sandefer's May 23, 2022, letter to Continental Resources, Inc.

was/were filed and served electronically to the following:

James Parrot (#07007) jparrot@bwenergylaw.com Tracy Peterson tpeterson@bwenergylaw.com

Jake Haseman (#07648) jhaseman@bwenergylaw.com

 $\begin{array}{ccc} \textbf{Sara Forsberg} & \textbf{Kerrie Helm} \\ \underline{slforsberg@nd.gov} & \underline{khelm@nd.gov} \end{array}$ 

Dated this 29<sup>th</sup> day of December, 2023.

## **VOGEL LAW FIRM**

**Matthew Sagsveen** 

masagsve@nd.gov

/s/ Joshua A. Swanson

BY: Joshua A. Swanson (#06788) 218 NP Avenue

> PO Box 1389 Fargo, ND 58107-1389 Telephone: 701.237.6983

Email: jswanson@vogellaw.com ATTORNEYS FOR PETITIONERS

5306015.1

From: <u>James Parrot</u>

To: Sagsveen, Matthew A.; Joshua A. Swanson

Cc: -Info-Oil & Gas Division; Forsberg, Sara L.; Helm, Kerrie L.; Tracy Peterson; Jake Haseman

Subject: RE: Case 30604

**Date:** Monday, December 11, 2023 9:17:15 PM

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Mr. Sagsveen,

Continental and the Applicants have worked out a stipulation regarding Continental's requested continuance, on the following terms:

- Applicants do not object to Continental's request for a continuance to January, which ideally will be rescheduled for a date no sooner than January 15, 2024.
- Applicants' Response to Continental's Motion to Dismiss will be due on December 29, 2023.
- Continental's Reply will be due no sooner than January 8, 2024.
- The hearing shall be continued to a date in January that, ideally, allows the Commission enough time to rule on the Motion to Dismiss. I believe Mr. Swanson is not available January 16-19, and I am not available January 28-29. We are continuing to coordinate with our clients regarding their availability as well.
- Continental stipulates to the facts contained in Exhibits B through K to Applicants' Prehearing Brief.

If you have any questions please let me know.

I believe that Mr. Swanson intends to confirm his agreement with the above terms in response to this email.

#### Sincerely,

James Parrot, | Shareholder, Beatty & Wozniak, P.C.

Direct: 303-407-4458 | Mobile: 303-917-2261

From: Sagsveen, Matthew A. <masagsve@nd.gov>

Sent: Monday, December 11, 2023 2:52 PM

**To:** Joshua A. Swanson <jswanson@vogellaw.com>; James Parrot <JParrot@bwenergylaw.com> **Cc:** -Info-Oil & Gas Division <oilandgasinfo@nd.gov>; Forsberg, Sara L. <slforsberg@nd.gov>; Helm, Kerrie L. <khelm@nd.gov>; Tracy Peterson <TPeterson@bwenergylaw.com>; Jake Haseman <jhaseman@bwenergylaw.com>; Fax <fax@bwenergylaw.com>

Subject: RE: Case 30604

**CAUTION: EXTERNAL SOURCE** 

Counsel,

The Commission/DMR staff would be ok with continuing the hearing to January.

Matthew Sagsveen Hearing Examiner

Assistant Attorney General
Director of Natural Resources and Native American Affairs Division
North Dakota Office of Attorney General
500 N. 9th Street
Bismarck, ND 58501-4509

(701) 328-3640

From: Joshua A. Swanson < jswanson@vogellaw.com>

**Sent:** Sunday, December 10, 2023 8:38 AM **To:** James Parrot < <u>JParrot@bwenergylaw.com</u>>

**Cc:** Sagsveen, Matthew A. <<u>masagsve@nd.gov</u>>; -Info-Oil & Gas Division <<u>oilandgasinfo@nd.gov</u>>;

Forsberg, Sara L. <<u>slforsberg@nd.gov</u>>; Helm, Kerrie L. <<u>khelm@nd.gov</u>>; Tracy Peterson

<<u>TPeterson@bwenergylaw.com</u>>; Jake Haseman <<u>ihaseman@bwenergylaw.com</u>>

Subject: Re: Case 30604

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Hey James, good morning. I'll check with my clients today and get back to you tomorrow. The majority of them have already booked flights to Bismarck.

If the petitioners agreed to a continuance, Matt, would the Commission be able to reschedule this for its January docket?

Josh

Sent from my iPhone

On Dec 8, 2023, at 2:18 PM, James Parrot < <u>JParrot@bwenergylaw.com</u>> wrote:

Mr. Sagsveen and Mr. Swanson, please find attached a copy of Continental's Motion to Continue in Case No. 30604.

Continental inquired earlier today if Applicants oppose this motion and has not yet received a reply from Mr. Swanson as of the time of filing. Presumably, Applicants oppose this Motion.

Please let me know if you have any questions.

#### Sincerely,

James Parrot, | Shareholder, Beatty & Wozniak, P.C.

Direct: 303-407-4458 | Mobile: 303-917-2261

From: Sagsveen, Matthew A. < masagsve@nd.gov >

Sent: Tuesday, December 5, 2023 1:27 PM

**To:** James Parrot < <u>JParrot@bwenergylaw.com</u>>; Joshua A. Swanson

<<u>iswanson@vogellaw.com</u>>; Tracy Peterson <<u>TPeterson@bwenergylaw.com</u>>; Jake

Haseman < <u>ihaseman@bwenergylaw.com</u>>

**Cc:** Forsberg, Sara L. <<u>slforsberg@nd.gov</u>>; Helm, Kerrie L. <<u>khelm@nd.gov</u>>; Fax

<<u>fax@bwenergylaw.com</u>> **Subject:** RE: Case 30604

#### CAUTION: EXTERNAL SOURCE

#### Counsel.

I will be the hearing officer in this case. I just want to let you know, based upon the timing of the Motion, that the hearing in this matter will take place as planned. The Applicant shall have 14 days to respond and Continental may file a reply. The Commission will consider the relief requested by Continental in conjunction with the Application.

Matthew Sagsveen Hearing Officer

**From:** James Parrot < <u>JParrot@bwenergylaw.com</u>>

**Sent:** Monday, December 4, 2023 5:52 PM **To:** Forsberg, Sara L. < <u>slforsberg@nd.gov</u>>

**Cc:** Tracy Peterson < <u>TPeterson@bwenergylaw.com</u>>; Jake Haseman

<jhaseman@bwenergylaw.com>; Joshua A. Swanson <jswanson@vogellaw.com>

Subject: Case 30604

\*\*\*\*\* **CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe. \*\*\*\*\*

Good evening Sara,

Attached for Case 30604 is Continental's Motion to Dismiss the Application of Andress, Sandefer, et al.

Please let me know if you have any questions.

# Sincerely, James Parrot

James Parrot | Beatty & Wozniak, P.C. Shareholder

<image001.jpg>

1675 Broadway, Suite 600 Denver, CO 80202 Direct: 303-407-4458 Mobile: 303-917-2261 www.bwenergylaw.com

Energy in the Law

Confidentiality: This Beatty & Wozniak, P.C. email, its attachments and data ("email") are intended to be Confidential and may contain Attorney-Client Communications or Work Product. If you are not the intended recipient or may have received this message in error, notify the sender immediately and permanently delete the email and all copies thereof from any drives or storage media and destroy any printouts. Any unauthorized use or distribution of any of the information in this email is Strictly Prohibited.

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<NDIC Case 30604 - Continental Motion to Continue.pdf>

From: <u>James Parrot</u>

To: Sagsveen, Matthew A.; -Info-Oil & Gas Division; Joshua A. Swanson
Cc: Forsberg, Sara L.; Helm, Kerrie L.; Tracy Peterson; Jake Haseman

Subject: RE: Case 30604

**Date:** Friday, December 8, 2023 2:19:36 PM

Attachments: NDIC Case 30604 - Continental Motion to Continue.pdf

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attachments unless you know they are safe. \*\*\*\*\*

Mr. Sagsveen and Mr. Swanson, please find attached a copy of Continental's Motion to Continue in Case No. 30604.

Continental inquired earlier today if Applicants oppose this motion and has not yet received a reply from Mr. Swanson as of the time of filing. Presumably, Applicants oppose this Motion.

Please let me know if you have any questions.

#### Sincerely,

James Parrot, | Shareholder, Beatty & Wozniak, P.C.

Direct: 303-407-4458 | Mobile: 303-917-2261

From: Sagsveen, Matthew A. <masagsve@nd.gov>

Sent: Tuesday, December 5, 2023 1:27 PM

**To:** James Parrot <JParrot@bwenergylaw.com>; Joshua A. Swanson <jswanson@vogellaw.com>; Tracy Peterson <TPeterson@bwenergylaw.com>; Jake Haseman <jhaseman@bwenergylaw.com>

**Cc:** Forsberg, Sara L. <slforsberg@nd.gov>; Helm, Kerrie L. <khelm@nd.gov>; Fax

<fax@bwenergylaw.com>
Subject: RE: Case 30604

#### **CAUTION: EXTERNAL SOURCE**

#### Counsel,

I will be the hearing officer in this case. I just want to let you know, based upon the timing of the Motion, that the hearing in this matter will take place as planned. The Applicant shall have 14 days to respond and Continental may file a reply. The Commission will consider the relief requested by Continental in conjunction with the Application.

Matthew Sagsveen Hearing Officer

**From:** James Parrot < <u>JParrot@bwenergylaw.com</u>>

**Sent:** Monday, December 4, 2023 5:52 PM **To:** Forsberg, Sara L. <<u>slforsberg@nd.gov</u>>

**Cc:** Tracy Peterson < <u>TPeterson@bwenergylaw.com</u>>; Jake Haseman

<a href="mailto:swanson@bwenergylaw.com">syloshua A. Swanson@bwenergylaw.com</a>; Joshua A. Swanson <a href="mailto:swanson@vogellaw.com">syloshua A. Swanson@vogellaw.com</a>;

Subject: Case 30604

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Good evening Sara,

Attached for Case 30604 is Continental's Motion to Dismiss the Application of Andress, Sandefer, et al.

Please let me know if you have any questions.

Sincerely, James Parrot



James Parrot | Beatty & Wozniak, P.C. Shareholder

1675 Broadway, Suite 600 Denver, CO 80202 Direct: 303-407-4458 Mobile: 303-917-2261 www.bwenergylaw.com

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# BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

In the Matter of the Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, Robert "Bob" Fulwiler, Mctan Holdings, LP, Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSL1 (File No. 38533) section line wells based on their interests in the underlying spacing unit consisting of Sections 23, 26, and 35, Township 147 North, Range 96 West and Section 2, Township 146 North, Range 96 West, Oakdale Field, Dunn County, North Dakota

Case No. 30604

# **MOTION TO CONTINUE**

Comes now, Continental Resources, Inc. ("Continental"), by and through its attorneys, Beatty and Wozniak, P.C., and submits this Motion to Continue ("Motion") to the North Dakota Industrial Commission ("Commission"). Continental respectfully requests the Commission CONTINUE the Application ("Application") of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, Robert "Bob" Fulwiler, Mctan Holdings, LP, Tejon Exploration, Inc., Randa K. Upp, and David Halbert (collectively, "Andress Sandefer" or the "Applicants") in the above-captioned matter. The Commission should continue the matter because it is precluded from a hearing on the merits until questions of jurisdiction and standing are resolved, to avoid a potentially costly and wasteful hearing on the merits of the Application, to avoid prejudice to Continental, and because a continuance will not prejudice the Applicants.

## I. BACKGROUND

Applicants filed the current version of the Application on November 14, 2023. Prior to that date, on August 21, 2023, Applicants filed a different application with different parties as the applicants, but the earlier application was not initially docketed for hearing. Communications from the Commission indicated that Commission staff were consulting with legal counsel to determine whether the earlier-filed application would be docketed. On October 13, 2023, the Commission set December 15, 2023 as the hearing date for the Application.

Continental filed a Motion to Dismiss on December 4, 2023 ("MTD"), alleging, among other grounds for dismissal, that the Applicants lack standing to bring the Application, and the Commission lacks jurisdiction to hear the Application. The Commission responded that the hearing would take place as scheduled on December 15, 2023. The Commission granted the Applicants two weeks to respond to the MTD, and stated that Continental would have an opportunity to reply. Thus, the hearing on

<sup>&</sup>lt;sup>1</sup> See email from Joshua A. Swanson to Sara Forsberg dated November 14, 2023 in NDIC Case File 30604.

<sup>&</sup>lt;sup>2</sup> See Exhibit A, email from Bethany Kadrmas to James Parrot, dated September 14, 2023.

December 15, 2023 will take place prior to the Commission making a decision on the MTD, prior to determining whether the Applicants have standing, and prior to deciding whether the Commission has jurisdiction.

# II. <u>ARGUMENT</u>

# A. Applicable law

Jurisdiction and standing are threshold issues and the Commission cannot hold hearings on matters outside its jurisdiction.<sup>3</sup> When subject matter jurisdiction is contested, the tribunal must address that threshold issue before proceeding to the merits of a case.<sup>4</sup> The "jurisdiction" of the Commission has "three components: (1) personal jurisdiction, referring to the agency's authority over the parties and intervenors involved in the proceedings; (2) subject matter jurisdiction, referring to the agency's power to hear and determine the causes of a general class of cases to which a particular case belongs; and (3) the agency's scope of authority under statute."<sup>5</sup>

# B. Analysis

In the MTD, Continental properly raised the issues of the Commission's jurisdiction over the relief requested by the Application, and the Applicants' standing to bring the Application. Continental argues in its MTD that the Commission lacks subject matter jurisdiction over the Applicants' claims for relief.<sup>6</sup> Continental additionally argues that the relief requested by the Application exceeds the Commission's scope of authority under statute.<sup>7</sup> These threshold issues are now properly contested and must be resolved before the Commission may proceeds to the merits of the Application.<sup>8</sup> If the Commission needs an investigatory hearing to determine its jurisdiction over the Application, it may hold one, but cannot proceed to the merits until it resolves the issues of jurisdiction and standing.<sup>9</sup>

Granting this Motion will serve the dual purposes of avoiding a potentially costly hearing, and giving the parties and the Commission adequate time to brief and consider Continental's arguments in its MTD. The matters raised by the Application are especially critical for careful deliberation and cautious decision-making. As discussed at length in the MTD, the Commission's decision on the Application will affect hundreds of operators and tens of thousands of mineral interest owners. If the Commission grants the MTD, it can avoid a far-reaching precedent that could provoke thousands of unnecessary applications. The Commission should take all appropriate time to rule on the MTD given the substantial statewide impact of its decision.

Granting this Motion will not prejudice the Applicants or the outcome of a hearing if one is ultimately held. There are no urgent aspects of the reallocation that Applicants

<sup>&</sup>lt;sup>3</sup> Envtl. Law & Policy Ctr. v. N.D. Public Serv. Comm'n, 948 N.W.2d 838, 2020 ND 192.

<sup>&</sup>lt;sup>4</sup> Burr v. N.D. State Bd. of Dental Exam'rs, 955 N.W.2d 112, 2021 ND 31.

<sup>&</sup>lt;sup>5</sup> Envtl. Law & Policy Ctr., 948 N.W.2d at 842.

<sup>&</sup>lt;sup>6</sup> CLR MTD at Section IV (pp. 7-11).

<sup>&</sup>lt;sup>7</sup> CLR MTD at Sections II (p. 4), and IV through VI (pp. 7-14).

<sup>&</sup>lt;sup>8</sup> Burr, supra.

<sup>&</sup>lt;sup>9</sup> Envtl. Law & Policy Ctr., supra.

request. The two wells at issue are currently producing, and have been producing for years. A further delay of a month or two will not alter any factual circumstances, prevent any wells from being drilled, cause waste, or prejudice any correlative rights. Applicants waited more than *three years* to request reallocation of the Carson Peak 4-35 HSL well, and more than a year to request reallocation of the Whitman FIU 13-34 HSL1 well. In fact, one of the bases for dismissal argued by Continental is Applicants' failure to promptly raise their claims. There will be no prejudice, and can be no complaint now about a short continuance to resolve the critical issues raised by Continental's MTD.

Failure to grant this Motion will prejudice Continental and the outcome on the MTD. The record will contain evidence outside the scope of review for a motion to dismiss, and will inevitably create the opportunity for, and possibly even actual, improper consideration of inappropriate evidence for purposes of deciding the MTD. Moreover, the Commission's decision on the MTD will affect Continental's case if there is ultimately a hearing on the merits. For example, if the Commission rules that the Applicants have standing to request reconsideration of years-old spacing and pooling orders, that will dramatically change Continental's evidence regarding the existing spacing and pooling orders. As it stands, there are too many uncertain variables for any party to properly prepare for an evidentiary hearing. This is an important part of why courts do not allow cases to go forward to their merits when there are proper challenges to threshold issues such as standing and jurisdiction.

Continental reasonably expected that the MTD would be resolved prior to the hearing after briefing from the parties. Unless specifically incorporated by the North Dakota Administrative Agency Practice Act ("AAPA"), the North Dakota Rules of Civil Procedure are not applicable to the Commission's proceedings. There is no timing requirement in the AAPA or the Commission's rules for prehearing motions. The Commission is therefore free to set timing for motions, responses, and replies on a case-by-case basis. As a practical matter, the Commission routinely resolves motions that are filed only a short time before a hearing. Conversely, the Commission has adopted an extremely unusual procedure in this case, by waiting until after the hearing on the merits to resolve a motion to dismiss that was filed two weeks before the hearing. Accordingly, Continental respectfully asserts that the MTD should be resolved before a hearing on the merits, and a continuance is therefore necessary and justified.

## I. Conclusion

For the reasons stated above, Continental respectfully requests the Commission grant this Motion to Continue, continue the Application of the Applicants to the next

<sup>&</sup>lt;sup>10</sup> Skjonsby Truck Line, Inc. v. Elkin, 325 N.W.2d 271, 275 (N.D. 1982).

<sup>&</sup>lt;sup>11</sup> See, e.g., the Commission's decision to grant a motion that was filed only three business days before a hearing in Case Nos. 30338, 30339, 30343, 30344, 30345, and 30346, when the party opposing the motion filed a response the next business day after the motion was filed.

available date after the Commission resolves Continental's MTD, and grant such other and further relief as the Commission deems appropriate or necessary.

Dated: December 8, 2023.

James Parrol (ND Bar No. 07007)
Beatty & Wozniak, P.C.
1675 Broadway, Suite 600
Denver, CO 80202-4692
(303) 407-4499 (phone)
(800) 886-6566 (fax)
jparrot@bwenergylaw.com

Jacob T. Haseman (ND Bar No. 07648) Beatty & Wozniak, P.C. 1551 Three Crowns Dr., Suite 110 Casper, WY 82604 Phone: (307) 995-4961 Fax: (800) 886-6566

jhaseman@bwenergylaw.com

Counsel for Continental Resources, Inc.

### **EXHIBIT A**

### Email from Kadrmas to Parrot dated September 14, 2023

#### **James Parrot**

From: Kadrmas, Bethany R. <br/>
Sent: Kadrmas@nd.gov>
Thursday, September 14, 2023 10:44 AM

To: James Parrot
Cc: Forsberg, Sara L.; Fax

Subject: RE: Andress Sandefer application - following up

#### CAUTION: EXTERNAL SOURCE

#### James,

Commission staff has not yet decided when or if this matter will be docketed for hearing. Our office will keep you updated though.

### Bethany

From: Kadrmas, Bethany R.

Sent: Friday, September 8, 2023 4:56 PM
To: James Parrot < JParrot@bwenergylaw.com>

Subject: RE: Andress Sandefer application - following up

Hi James,

Unfortunately, I do not yet have an answer for you. Commission staff are still consulting with legal counsel whether this will be docketed for hearing or not. I'll update you again on or before next week Thursday.

#### Bethany

From: James Parrot < JParrot@bwenergylaw.com>
Sent: Tuesday, September 5, 2023 5:17 PM
To: Kadrmas, Bethany R. < brkadrmas@nd.gov>
Subject: Andress Sandefer application - following up

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Hi Bethany, I hope you had a great holiday weekend!

I was wondering if you perhaps had a chance to chat with your colleagues there about the Andress Sandefer application and why it wasn't docketed. When we spoke on Friday you mentioned that there might be a letter or communication to the applicants. Any information you have would be very welcome. Or if you'd prefer that I contact the AG's office, I'm happy to do that. If so, is Dave the person to whom I should speak?

### Thanks! James



James Parrot | Beatty & Wozniak, P.C. Shareholder

1675 Broadway, Suite 600 Denver, CO 80202 Direct: 303-407-4458 Mobile: 303-917-2261 www.bwenergylaw.com

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### **CERTIFICATE OF SERVICE**

The undersigned certifies that a true and correct copy of the foregoing MOTION TO CONTINUE has been served via email, in the above-captioned matter on this 8th day of December, 2023, as follows:

North Dakota Industrial Commission Attn: Oil and Gas Division 600 E. Boulevard Avenue, Dept. 474 Bismarck, ND 58505-0614 oilandgasinfo@nd.gov Matthew A. Sagsveen, masagsve@nd.gov

Joshua A. Swanson Vogel Law Firm 218 NP Avenue P.O. Box 1389 Fargo, ND 58107-1389 jswanson@vogellaw.com Attorney for Andress Sandefer

James P. Parrot

From: <u>Joshua A. Swanson</u>

To: Sagsveen, Matthew A.; James Parrot; Tracy Peterson; Jake Haseman

 Cc:
 Forsberg, Sara L.; Helm, Kerrie L.; Tracy A. Ottum

 Subject:
 Case 30604 - Petitioners" Pre Hearing Brief

 Date:
 Tuesday, December 5, 2023 8:38:25 PM

Attachments: Outlook-A black an

Andress Sandefer Prehearing Brief.PDF
Affidavit of Joshua A Swanson.PDF
Exhibit A - NDPC Amicus Brief.PDF
Exhibit B - Thurmon Andress Declaration.PDF
Exhibit C - Melissa Sandefer Declaration.pdf
Exhibit D - Julie Sandefer Declaration.PDF
Exhibit E - Lisa Sandefer Declaration.PDF
Exhibit F - Thomas Thompson Declaration.PDF
Exhibit G - Bob Fulwiler Declaration.pdf
Exhibit H - McTan Holdings Declaration.PDF
Exhibit I - Tejon Exploration Declaration.PDF

Exhibit J - Tejoli Exploration Declaration. Exhibit J - Randa Upp Declaration.PDF Exhibit K - David Halbert Declaration.PDF COS - Petitioners Pre Hearing Brief.PDF

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Dear Industrial Commission,

Please find attached for filing in Case No. 30604 the following documents, which have been simultaneously served on Continental Resources. If you have any issues opening the attachments, please let me know.

- 1. Petitioners' Pre Hearing Brief;
- 2. Affidavit of Joshua A. Swanson;
- 3. Exhibit A, North Dakota Petroleum Council's Amicus Brief in Dominek v. Equinor Energy;
- 4. Exhibit B, Declaration of Thurmon Andress;
- 5. Exhibit C, Declaration of Melissa Sandefer;
- 6. Exhibit D, Declaration of Julie Sandefer;
- 7. Exhibit E, Declaration of Lisa Sandefer;
- 8. Exhibit F, Declaration of Thomas Thompson;
- 9. Exhibit G, Declaration of Robert "Bob" Fulwiler;
- 10. Exhibit H, Declaration of McTan Holdings;
- 11. Exhibit I, Declaration of Tejon Exploration;
- 12. Exhibit J, Declaration of Randa Upp;
- 13. Exhibit K, Declaration of David Halbert; and
- 14. Certificate of Service.

This is not Petitioners' Response to Continental's Motion to Dismiss that was filed yesterday. Per the Commission's email from earlier today, the Petitioners will respond to that motion by December 18.

Respectfully,



From: Sagsveen, Matthew A. <masagsve@nd.gov>

Sent: Tuesday, December 5, 2023 2:26 PM

**To:** James Parrot <JParrot@bwenergylaw.com>; Joshua A. Swanson <jswanson@vogellaw.com>; Tracy Peterson

<TPeterson@bwenergylaw.com>; Jake Haseman <jhaseman@bwenergylaw.com>

Cc: Forsberg, Sara L. <slforsberg@nd.gov>; Helm, Kerrie L. <khelm@nd.gov>

Subject: RE: Case 30604

### Counsel,

I will be the hearing officer in this case. I just want to let you know, based upon the timing of the Motion, that the hearing in this matter will take place as planned. The Applicant shall have 14 days to respond and Continental may file a reply. The Commission will consider the relief requested by Continental in conjunction with the Application.

Matthew Sagsveen Hearing Officer

From: James Parrot < <u>JParrot@bwenergylaw.com</u>>

**Sent:** Monday, December 4, 2023 5:52 PM **To:** Forsberg, Sara L. <<u>slforsberg@nd.gov</u>>

**Cc:** Tracy Peterson <<u>TPeterson@bwenergylaw.com</u>>; Jake Haseman <<u>jhaseman@bwenergylaw.com</u>>; Joshua A.

Swanson < jswanson@vogellaw.com>

Subject: Case 30604

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Good evening Sara,

Attached for Case 30604 is Continental's Motion to Dismiss the Application of Andress, Sandefer, et al.

Please let me know if you have any questions.

Sincerely, James Parrot





1675 Broadway, Suite 600 Denver, CO 80202 Direct: 303-407-4458 Mobile: 303-917-2261 www.bwenergylaw.com

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### BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS. MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON. FULWILER, "BOB" ROBERT **MCTAN** HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT. TO **CONSIDER** ALLOCATION OF **PRODUCTION** ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING **CONSISTING SPACING** UNIT SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2. TOWNSHIP 146 NORTH, RANGE 96 WEST. DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

PETITIONERS' PRE-HEARING BRIEF IN SUPPORT OF APPLICATION

### I. INTRODUCTION

[¶1] The claim raised in the Petitioners' Application, (collectively, "Andress Sandefer"), to the Commission presents a question of law. Specifically, is Continental Resources ("Continental") required by N.D.C.C. §38-08-08(1), and the Commission's previous Orders, to allocate production from the Overlapping Spacing Unit across the Underlying Spacing Unit at issue. The answer is "yes," as a matter of law, Continental is required to allocate production from the Carson Peak 4-35HSL and Whitman FIU 13-34HSL1 Wells to the Underlying Spacing Unit where Andress Sandefer's interests are located. <sup>1</sup>

\_

<sup>&</sup>lt;sup>1</sup> This Brief is not Andress Sandefer's Response to Continental's Motion to Dismiss, which was filed on December 4, 2023. Andress Sandefer will file a separate Response Brief to Continental's motion by Monday December 18 per instructions from the Commission.

[¶2] The Commission already interpreted N.D.C.C. §38-08-08 and its previous Orders to require this outcome, and granting the relief requested in the Application, in <u>Dominek v. Equinor Energy L.P.</u>, 2022 ND 211, 982 N.W.2d 303, Supreme Court No. 20220088, U.S. District Court No. 1:19-cv-288. In <u>Dominek</u>, the Commission filed a Brief of Amicus Curiae (the "Commission Brief"), attached as <u>Exhibit A</u> to the Application in this case. In <u>Dominek</u>, the Commission interpreted N.D.C.C. § 38-08-08(1) to require production from overlapping spacing units created for section-line wells be allocated across underlying spacing units as shown in Figure 1. <sup>2</sup>

Painted Woods Field | Williams County, ND Weisz 11-14 XE #1H (NDIC #33453) SHL: Sec 2 | BHL: Sec 14 Overlapping Spacing Unit; square 2560 comprised 1 6 2 of Sections 11, 12, 13, and 14, T154N, R102W T154N T154N R102W R101W Underlying Spacing Unit; stand-up 1280 comprised of Sections 11 and 14, T154N, R102W 11 12 7 = Underlying Spacing Unit; square 640 comprised of Section 12, T154N, R102W Underlying Spacing Unit; stand-up 1280 comprised of Sections 13 and 24, T154N, R102W 14 13 18 Weisz 11-14 XE #1H (section line well drilled ≤160 feet From East Line (FEL) of Sections 11 and 14) 23 24 19 26 25 30

Figure 1: Dominek v. Equinor Spacing Units

The Commission explained to the Supreme Court that: "The Commission interprets N.D.C.C. § 38-08-08(1) to require a proportionate amount of any production allocated to Section 13, to be allocated to Section 24 so long as the Underlying Unit Order has not been terminated."

<sup>&</sup>lt;sup>2</sup> Figure 1 is the same as Figure 3 in the Application.

Commission Brief at ¶ 16. The Commission further noted that N.D.C.C. § 38-08-08(1) requires that production from overlapping spacing units must be allocated across underlying spacing units because it protects correlative rights and prevents waste. Id. at ¶¶ 23 – 27. The North Dakota Petroleum Council ("NDPC") also filed an Amicus Curiae Brief in Dominek, taking the same position as Andress Sandefer in this matter. A copy of the NDPC's Brief is attached at Exhibit A. "Allocating production from overlapping spacing units has occurred in this way for over a decade." NDPC Brief at ¶ 7. See also id. at ¶ 13 ("Both N.D.C.C. § 38-08-08(1) and the Base Unit Order require allocation across the Base Unit [Underlying Spacing Unit] as the only means of fully protecting the correlative rights of all owners impacted by production from the Overlapping Unit.")

[¶3] The Court recognized that the Commission agreed with Equinor Energy's position – that production from an overlapping unit must be allocated across an underlying unit.

The Commission filed an amicus brief claiming "the certified question at issue pertains directly to the Commission's authority to regulate the oil and gas industry and the practices it has employed in the state to do so." The Commission agrees with the reading advanced by Equinor and claims production must be allocated from Section 13 to Section 24. The Commission claims the method advanced by Equinor prevents waste and protects the correlative rights of all of the interest owners.

<u>Dominek</u> at ¶ 8. Continental's position and practice of not allocating production from overlapping units across the underlying units creates a "fundamental shift in how production is allocated" in North Dakota as recognized by the Court and the NDPC.

The North Dakota Petroleum Council also filed a brief in support of Equinor. The Petroleum Council claims the reading advanced by the Domineks would create a "fundamental shift" in how production is allocated in North Dakota, which would result in widespread litigation and delayed production on federal and Indian lands.

<u>Id</u>. For the reasons explained herein, Andress Sandefer asks the Commission to affirm the position it's taken for years in practice when issuing its Orders, and the position it's already taken at the Supreme Court in <u>Dominek</u>. Andress Sandefer asks that the Commission order Continental to

allocate production from the Carson Peak 4-35HSL ("Carson Peak 4") and Whitman FIU 13-34HSL1 ("Whitman FIU 13") Wells in the Overlapping Spacing Unit across the Underlying Spacing Unit, consistent with its position in <u>Dominek</u>, going back to inception for each well.

### II. FACTS

A. Andress Sandefer owns interests in the Underlying Spacing Unit that are also subject of the Overlapping Spacing Unit where there's production from the Carson Peak 4 and Whitman FIU 13 section-line wells.

[¶4] Andress Sandefer owns minerals located in Dunn County, specifically, in Sections 22, 23, 26, and 27, Township 147 North, Range 96 West ("Subject Lands"). See Petitioner's Declarations at Exhibits B – K. The Subject Lands are within an area defined by the Commission as the field boundaries for the Oakdale Field and vertically covering the accumulation of oil and gas defined by the Commission as the Oakdale-Bakken Pool. The Subject Lands are shown in Figure 2 in relation to their location in the Oakdale Field. <sup>3</sup>

15 Field Section(s) Tract Name Bear Creek Summerfield Cedar Coulee Carus 21 22 23 22 / 27 Oakdale Hawkinson 24 23/26 Oakdale Morris Corral Creek Brandvik Corral Creek State Weydahl 28 27 26 25 Oakdale Carson Peak 35 / 2 34/3 Oakdale Whitman 33/4 Cedar Coulee Bang 33 34 35 36 147N R96W T147N R95W 146N R96W T146N R95W 3 4 2 = Oakdale Field boundary

Figure 2: Subject Lands in Relation to Oakdale Field

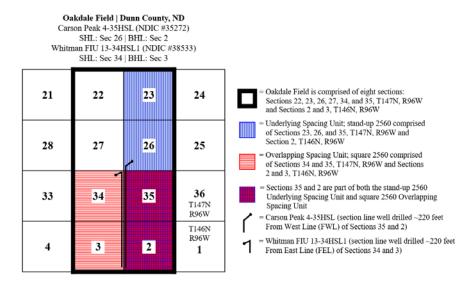
[¶5] Part of Andress Sandefer's interests in the Subject Lands are in the "Underlying Spacing Unit" consisting of Sections 23, 26, and 35, Township 147 North, Range 96 West and Section 2,

<sup>&</sup>lt;sup>3</sup> Figure 2 is the same as Figure 1 in the Application.

Township 146 North, Range 96 West. These four sections comprise what is commonly referred to as a "standup 2560" because the four sections are oriented in a north-south direction and comprise 2,560-acres, more or less.

[¶6] Part of the Underlying Spacing Unit, specifically, the south half of the standup 2560, is also within an "Overlapping Spacing Unit" where there is production from the Carson Peak 4 Well (NDIC No. 35272), and the Whitman FIU 13 Well (NDIC No. 38533). Both the Carson Peak 4 Well and the Whitman FIU 13 Well are section line (aka, lease-line) wells operated by Continental. [¶7] The Overlapping Spacing Unit contains 2,560 acres, more or less, but instead of being oriented in either a "standup 2560" (i.e., four sections aligned due north-south) or "laydown 2560" (i.e., four sections aligned due east-west), it's a "square 2560", i.e., the four sections are aligned two sections north-south by two sections east-west. The Overlapping Spacing Unit consists of Sections 34 and 35, Township 147 North, Range 96 West and Sections 2 and 3, Township 146 North, Range 96 West. As shown in Figure 3, Sections 35 and 2 are in both the Overlapping Spacing Unit and Underlying Spacing Unit. <sup>4</sup>

Figure 3: Carson Peak 4 Well and Whitman FIU 13 Well relative to Spacing Units



 $^{\rm 4}$  Figure 3 is the same as Figure 2 in the Application.

5

Continental operates all the wells in the Oakdale Field. When Continental created its square 2560 Overlapping Spacing Unit, Continental ignored that Andress Sandefer's interests in the Subject Lands contributed to the Underlying Spacing Unit and that production from the Overlapping Spacing Unit would interfere with and negatively impact production from the Underlying Spacing Unit. As such, the exclusion of Andress Sandefer in the Carson Peak 4 Well and the Whitman FIU 13 Well results in a confiscation of their interests within the Underlying Spacing Unit, violates N.D.C.C. § 38-08-08(1) and the Commission's existing and valid Orders (detailed below), and violates Andress Sandefer's correlative rights. Cf. NDPC Brief, at Exhibit A, and the Commission Brief.

- B. Continental is not allocating any production from the Carson Peak 4 Well and Whitman FIU 13 Well in the Overlapping Spacing Unit to Andress Sandefer's interests in the Underlying Spacing Unit.
- [¶8] Continental is not allocating any production from the Carson Peak 4 and Whitman FIU 13 Wells to Andress Sandefer's interests in Sections 23 and 26 in the Underlying Spacing Unit. See Exhibits B K. Andress Sandefer has never received any allocation from Continental for their interests in the Underlying Spacing Unit with respect to production from either the Carson Peak 4 or Whitman FIU 13 Wells. Id.

### III. ARGUMENT

- A. The Commission has taken the position that N.D.C.C. § 38-08-08(1) requires that production from an overlapping spacing unit must be allocated across the underlying spacing unit in *Dominek v. Equinor*, Supreme Court No. 20220088, U.S. District Court No. 1:19-cv-288.
- [¶9] In <u>Dominek</u>, the Commission made its position clear as to the interpretation of N.D.C.C. § 38-08-08(1) and whether it required allocation of production from the Carson Peak 4 and Whitman FIU 13 Wells in the Overlapping Spacing Unit across the Underlying Spacing Unit where Andress Sandefer's interests are located. The Commission answered that question in the

affirmative. It's worth noting that the NDPC also took this position, which aligns with Andress Sandefer. As a matter of law, an operator must allocate production from an overlapping spacing unit across the underlying spacing unit. Continental's practice here, in refusing to allocate production from the two lease-line wells across the Underlying Spacing Unit mirrors the position taken by the Domineks. The Commission described the refusal to allocate production from an overlapping spacing unit across the underlying spacing unit as "adversely affect[ing] mineral owners across the oil and gas industry and directly contradict[ing] the Commission's current practice. The Commission would be left without the ability to protect correlative rights in cases where it allows the drilling of lease-line wells involving overlapping spacing units." Commission Brief at ¶ 2. Both the Carson Peak 4 and Whitman FIU 13 Wells are lease-line wells.

[¶10] The Commission has the jurisdiction and authority to require that Continental allocate production from these two wells, in the Overlapping Spacing Unit, across the Underlying Spacing Units where Andress Sandefer's interests are located. The Commission succinctly explained its statutory authority and jurisdiction to the Court in <u>Dominek</u>.

The North Dakota Supreme Court has consistently found that the Commission has "extremely broad and comprehensive powers to regulate oil and gas development in the state." Langved v. Cont'l Res., Inc., 2017 ND 179, ¶ 12, 899 N.W.2d 267. The Commission's jurisdiction is provided under N.D.C.C. § 38-08-04, which states, in part: "'The Commission's powers are continuous . . . and are exclusive.'" Env't. Driven Sols., LLC v. Dunn Cnty., 2017 N.D. 45 at ¶ 9, 890 N.W.2d 841 (quoting Egeland v. Cont'l Res., Inc., 2000 ND 169, ¶ 11, 616 N.W.2d 861).

Section 38-08-04 further gives the Commission the authority "[t]o limit and to allocate the production of oil and gas from any field, pool, or area." N.D.C.C. § 38-08- 04(c). Sections 38-08-07 and 38-08-08 of the North Dakota Century Code require the Commission to establish spacing units and pool separately-owned interests within the spacing unit when necessary to prevent waste, to avoid the drilling of unnecessary wells, or to protect correlative rights. See N.D.C.C. § 38-08-07(1). Section 38-08-08(1), N.D.C.C., provides:

When two or more separately owned tracts are embraced within a spacing unit, or when there are separately owned interests in all or a part of the spacing unit, then the owners and royalty owners thereof may pool their interests for the development and operation of the spacing unit. In the absence of voluntary pooling, the commission upon the application of any interested person shall enter an order pooling all interests in the spacing unit for the development and operations thereof. . . . Operations incident to the drilling of a well upon any portion of a spacing unit covered by a pooling order must be deemed, for all purposes, the conduct of such operations upon each separately owned tract in the drilling unit by the several owners thereof. That portion of the production allocated to each tract included in a spacing unit covered by a pooling order must, when produced, be deemed for all purposes to have been produced from such tract by a well drilled thereon.

Commission Brief at ¶¶ 5 – 6. The Commission went on to explain that it has been the State's practice to allow lease-line wells, like the Carson Peak 4 and Whitman FIU 13 Wells, to be drilled on common spacing unit boundaries with overlapping spacing units. Id. at ¶ 7. "The Commission's practice regarding overlapping spacing unit[s] is based on its reasonable interpretation of N.D.C.C. § 38-08-08 and is consistent with the statutory language requiring production allocated to a tract to be treated as if it were produced from that tract for all purposes." Id. at ¶ 11.

[¶11] Production from the Underlying Spacing Unit here, which includes Andress Sandefer's interests in Sections 23 and 26 – see Figure 3, above – mirrors the allocation of production to Section 24, in the underlying spacing unit, from Section 13, in the overlapping spacing unit, in <a href="Dominek">Dominek</a> with respect to the Weisz 11-14 XE #1H lease-line well ("Weisz Well"). Sections 35 and 2 in the Overlapping Spacing Unit, where Continental's Carson Peak 4 and Whitman FIU 13 Wells are located, are also in the Underlying Spacing Unit along with Sections 23 and 26. For the same reasons the Commission required that production from the Weisz Well in the overlapping spacing unit, including Section 13, be allocated across the underlying spacing unit including Section 24 in <a href="Dominek">Dominek</a>, production from the Carson Peak 4 and Whitman FIU 13 Wells in the Overlapping Spacing Unit must be allocated to the Underlying Spacing Unit including Andress Sandefer's interests in Sections 23 and 26.

[¶12] So long as the Order creating the Underlying Spacing Unit has not terminated, Continental must allocate production from the Carson Peak 4 and Whitman FIU 13 Wells in the Overlapping Spacing Unit to the Underlying Spacing Unit. The Order creating the Underlying Spacing Unit, which includes Andress Sandefer's interests in Sections 23 and 26, Order Nos. 14604 and 14262, have not terminated. Accordingly, N.D.C.C. § 38-08-08 requires that Continental allocate production from the two lease-line wells in the Overlapping Spacing to the underlying unit at issue.

N.D.C.C. § 38-08-08(1) provides, "[t]hat portion of the production allocated to each tract included in a spacing unit covered by a pooling order must, when produced, be deemed for all purposes to have been produced from such tract by a well drilled thereon." The Commission interprets N.D.C.C. § 38-08-08(1) to require a proportionate amount of any production allocated to Section 13, to be allocated to Section 24 so long as the Underlying Unit Order has not been terminated.

The Commission maintains the right to modify or terminate spacing units. Each Commission order includes the same or similar language used in the underlying spacing order, "[t]his order shall be effective from the date of first operations within the spacing unit, and shall remain in full force and effect until further order of the Commission." Order of The Commission entered on November 11, 2021, in Case No. 15827, Order No. 18082 ("Order No. 18082") (R26-4:1:¶5). There has been no order to terminate the underlying spacing unit and the obligations created by the order remain in full force and effect. Section 24 therefore receives a proportionate share of all production from Section 13, and Section 13 receives a proportionate share of all production allocated to Section 24.

Commission Brief at ¶¶ 16 – 17 (emphasis added). The Orders creating and amending the Underlying Spacing Unit, Order No. 14604 (issued April 22, 2010), Order No. 14262 (issued May 10, 2010) and Order No. 28556 (issued November 6, 2017), consisting of Sections 23, 26, 35, and 2, have the same language quoted by the Commission. "This order shall be effective from the date of first operations within the spacing unit, and shall remain in full force and effect until further order of the Commission." Order No. 14262 at ¶ 8 (emphasis added) Cf. Commission Brief at ¶ 17. See also Order No. 28556 at ¶ 57 (stating, "This order shall cover all of Oakdale-Bakken Pool, common source of supply of crude oil and/or natural gas as herein defined, and continues in full

force and effect until further order of the Commission or until the last well in the pool has been plugged and abandoned.")

[¶13] As the Commission notes, this language is included in every Order it issues. The Orders for the Underlying Spacing Unit here, then, are entitled to the exact same interpretation as the Orders identified and interpreted in <u>Dominek</u>. What's more, the purpose of the overlapping spacing units are to allow the drilling of section-line wells, like the Carson Peak 4 and Whitman FIU 13 Wells, that are not otherwise possible because of drilling setbacks, while still protecting the rights of the owners, like Andress Sandefer, in the underlying spacing units.

Production from the underlying spacing unit is prevented from being reallocated to the overlapping spacing unit. Order No. 27791 goes on to say it does not "...alter previous pooling orders for other spacing units or require the reallocation of production allocated to separately owned tracts within any spacing unit by any existing pooling orders or any pooling agreements." This language is designed to prevent allocation from the underlying spacing unit being reallocated to the overlapping spacing unit. Put another way, this language states Order No. 27791 does not alter allocation based on Order No. 18082, but provides no guidance as to allocation resulting from Order No. 27791 itself.

The Commission had established this policy regarding overlapping spacing units prior to issuing Order No. 27791. In Order No. 14978 in Case No. 12717, the Commission addressed concerns from Whiting Oil and Gas Corporation regarding the possibility of reallocation of production from an underlying spacing unit to overlapping spacing units. The Commission clarified that production from base spacing units would not be reallocated to subsequent overlapping spacing units. The Commission adopted the above language to address those concerns in subsequent orders.

The purpose of these overlapping spacing units is to allow for the drilling of a lease-line well that otherwise would not be possible due to drilling setbacks. Concerns arose that the purpose of the overlapping spacing unit could be inverted and production from all wells in underlying spacing units could be allocated to various sections via the overlapping spacing unit. Case No. 12717 addressed those concerns and the Commission adopted the language it now uses in its orders to ensure that production from an overlapping unit can be allocated to underlying units without introducing a daisy chain effect that would allocate production from the underlying spacing unit throughout the overlapping spacing unit.

Commission Brief at ¶¶ 18 - 20 (emphasis added). Protection of the correlative rights of owners in the Underlying Spacing Unit, like Andress Sandefer, and those in other "base units" similarly

situated having lease-line wells, is critical under North Dakota law. The Commission made this clear in Dominek, and made it clear this outcome is required under N.D.C.C. § 38-08-08.

[¶14] Reading Order Nos. 28508 and 30640, creating and amending the overlapping unit, and Order Nos. 14604, 14262 and 28556, creating and amending the underlying units, in conjunction with N.D.C.C. § 38-08-08, just like <u>Dominek</u>, it is "apparent that a proportional amount of production" from the Carson Peak 4 and Whitman FIU 13 Wells must be allocated to Sections 35 and 2 (in the Overlapping Spacing Unit) as if it were produced in Sections 35 and 2, and therefore must be proportionally allocated to Sections 23 and 26 (in the Underlying Spacing Unit). <u>See Commission Brief</u> at ¶ 21 (stating, "Reading Order No. 27791 and Order No. 18082 in conjunction with N.D.C.C. § 38-08-08, it is apparent that a proportional amount of production from the lease-line well must be allocated to Section 13 as if it were produced in Section 13, and therefore must be proportionally allocated to Section 24.")

B. Allocation of production from the Overlapping Spacing Unit and Carson Peak 4 and Whitman 13 FIU Wells across the Underlying Spacing Unit, including Andress Sandefer's interests, protects correlative rights and prevents waste.

[¶15] As stated by the Commission, the overlapping spacing orders it issues are "based on its reasonable interpretation of N.D.C.C. § 38-08-08(1) that production from the Overlapping Spacing Unit would be treated as if it had been produced in each respective Section and be allocated in accordance with the Underlying Unit Order." Commission Brief at ¶23. Just like Dominek, the Carson Peak 4 and Whitman FIU 13 Wells in the Overlapping Spacing Unit recover oil from lands within the setback areas of the Underlying Spacing Units no differently than the Weisz Well within the setback areas of the underlying unit including Sections 13 and 24. See Figure 1, above. Because of that, all pooled interest owners within the "base spacing units," including Andress

Sandefer, should receive their equitable share of the oil and gas production, not just the interest owners in the sections located within the Overlapping Spacing Unit in Sections 34, 35, 2, and 3.

[¶16] This comports with the Commission's position as stated in <u>Dominek</u>.

The Commission believes a lease-line horizontal well in an overlapping lease-line spacing unit will recover oil from lands within the setback area of the underlying base spacing units. Without the lease-line horizontal well, the oil would be recovered less efficiently or not at all by the horizontal wells in the base spacing units; therefore, all pooled interest owners within the base spacing units should receive their equitable share of that oil, not just the interest owners in the sections located within the overlapping lease-line spacing unit but all interest owners in horizontal wells in the base spacing units.

<u>Commission Brief</u> at ¶24 (emphasis added). The following table shows the comparison between the Underlying Spacing Unit and Overlapping Spacing Units here, and relevant section lines wells, and those at issue in <u>Dominek</u>.

	<u>Dominek</u>	Andress Sandefer
<b>Underlying Spacing Unit</b>	Sections 13 and 24	Sections 23, 26, 35, and 2
<b>Overlapping Spacing Unit</b>	Sections 11, 12, 13, and 14	Sections 34, 35, 2, and 3
Section(s) in both "base spacing unit" and "overlapping lease-line spacing unit"	Section 13	Sections 35 and 2
Section-line Well(s) in Overlapping Unit including portion of Underlying Unit	Weisz Well	Carson Peak 4 Well Whitman FIU 13 Well
Sections in Underlying Unit, "base spacing unit," omitted from Overlapping Unit requiring allocation from lease-line well(s)	Section 24	Sections 23 and 26
Underlying Order Nos.	Order No. 18082 (Sections 13 & 14)	Order Nos. 14604, 14262, & 28556 (Sections 23, 26, 35, and 2) <sup>5</sup>

<sup>&</sup>lt;sup>5</sup> Order No. 14604 was a temporary order issued in April 2010 that created the Underlying Spacing Unit; Order No. 14262 issued in May 2010 codified the Underlying Spacing Unit; and Order No. 28556 issued in November 2017 is the most recent order amending the Underlying Spacing Unit.

Overlapping Order Nos.	Order No. 27791	Order No. 28508 and 30640
	(Sections 11, 12, 13, and 14)	(Sections 34, 35, 2, and 3)

[¶17] Because lease-line wells like the Weisz, Carson Peak 4, and Whitman FIU 13 Wells cause impacts to all wells in the Underlying Spacing Units shared by all the interest owners within those base spacing units, the Commission explained to the Court that all pooled owners within the Underlying Spacing Units should be compensated from the production of the section-line wells.

The Commission also believes the lease-line horizontal well may cause positive or negative impacts to all wells in base spacing units shared by all interest owners within the base spacing units; therefore, the Commission believes all pooled owners within the base spacing units should be compensated, not just the interest owners in the sections located within the overlapping lease-line spacing unit.

Commission Brief at ¶ 25. That is the exact same case here. The Carson Peak 4 and Whitman FIU 13 Wells, by their very nature as lease-line wells that also include sections inside the Underlying Spacing Unit, impact the other wells spaced in the Underlying Spacing Unit. Accordingly, just like the owners in Section 24 with respect to the Weisz Well in Dominek, Andress Sandefer and the other interest owners in Sections 23 and 26 in the Underlying Spacing Unit should be compensated in the form of their proportionate share of allocation from the Carson Peak 4 and Whitman FIU 13 Wells.

[¶18] In <u>Dominek</u>, the Commission noted that the Weisz Well (NDIC No. 33453) could have an impact on a single well – the Dominek 13-24 1H Well (NDIC No. 21499) – that was in the Underlying Spacing Unit. "The owners of the southern half of well 21499 [Dominek Well] (Section 24) that lies outside the overlapping spacing unit, will be affected equally to the owners of the northern half of well 21499 (Section 13). <u>All 1280 wells drilled in sections 13 & 24 base spacing units will be affected by well 33434 [Weisz Well]."</u>) <u>Commission Brief</u> at ¶ 26 (emphasis added). Similarly, the owners in the northern half of the 2,560-acre Underlying Spacing Unit, like Andress Sandefer, have interests in a dozen wells in the southern half of the 2,560-acre Underlying

Spacing Unit that will be affected by the Carson Peak 4 and Whitman FIU 13 Wells that are spaced in the Overlapping Spacing Unit. These wells, akin to the Dominek Well, include the: (1) Carson Peak 2-35H, NDIC No. 18861; (2) Carson Peak 3-35H, NDIC No. 18859; (3) Carson Peak 5-35H2, NDIC No. 35273; (4) Carson Peak 6-35H1, NDIC No. 35108; (5) Carson Peak 7-35H, NDIC No. 35080; (6) Carson Peak 8-35H2, NDIC No. 35081; (7) Carson Peak 9-35H, NDIC No. 35083; (8) Carson Peak 10-35H1, NDIC No. 35084; (9) Carson Peak 11-35H2, NDIC No. 37715; (10) Carson Peak 12-35H1, NDIC No. 37716; (11) Carson Peak 13-35H, NDIC No. 37794; and (12) Carson Peak 14-35HSL2, NDIC No. 37795 wells, which, as mentioned, are spaced in Sections 35 and 2. Furthermore, the Carson Peak 4 Well produces to the same Central Tank Battery (CTB No. 235080) as 10 of the wells listed above.

[¶19] The Carson Peak 4 and Whitman FIU 13 Wells drain oil and gas from Sections 35 and 2. Because Sections 35 and 2 are also spaced in the Underlying Spacing Unit, the 12 aforementioned wells are negatively impacted by the Carson Peak 4 and Whitman FIU 13 Wells because they are draining the same oil and gas from Sections 35 and 2 to the detriment of the 12 wells and their owners in the northern half of the Underlying Spacing Unit, like Andress Sandefer. This operates no differently than the Weisz Well, spaced in the overlapping unit in Dominek, which was also in the northern half of the underlying spacing unit, which the Commission noted drained oil and gas from the Dominek Well in Sections 13 and 24. "In other words, since both negative and positive impacts on Section 13 are shared by Section 24 the allocation from well 33454 [Weisz Well] should be shared as well." Commission Brief at ¶ 26. So too, here, because the negative and positive impacts of Sections 35 and 2 are shared by Sections 23 and 26, the allocation from the Carson Peak 4 and Whitman FIU 13 Wells should be shared no differently than the Weisz Well.

[¶20] Accordingly, to protect the correlative rights of owners like Andress Sandefer in the Underlying Spacing Unit, they must be allocated their proportionate share from the Carson Peak 4 and Whitman FIU 13 Wells just the same as the owners in Section 24 in <u>Dominek</u>.

The Commission granted the Overlapping Spacing Unit after finding it would prevent waste and protect correlative rights, including the rights of the owners in Section 24. If production from the lease-line well is not allocated to Section 24, Section 24's correlative rights would be harmed. Section 13 would receive all benefits of the lease-line well while Section 24 suffers the harm it could cause to production of adjacent wells in the underlying spacing unit.

Commission Brief at ¶ 27. If the Commission does not grant the relief sought by Andress Sandefer, Section 23 and 26's correlative rights would be harmed. It would also fly in the face of the Commission's position as stated in Dominek. Section 35 and 2 would receive all benefits of the Carson Peak 4 and Whitman FIU 13 Wells while Sections 23 and 26 suffers the harm it could cause to production of the adjacent (aforementioned) wells in the Underlying Spacing Unit. Considering the foregoing, just as the Commission Orders, Order Nos. 27791 and 18082, creating the underlying and overlapping units in Dominek required "the allocation of production from Section 13 of the Overlapping Spacing Unit to Section 24 of the Underlying Spacing Unit," Commission Brief at ¶ 28, so too does the Orders creating the Overlapping and Underlying Spacing Units in the present case require the allocation of production from Sections 35 and 2 of the Overlapping Spacing Unit to Sections 23 and 26 of the Underlying Spacing Unit as requested in the Application.

### IV. CONCLUSION

[¶21] For the reasons stated herein, Andress Sandefer respectfully asks that the Commission grant the relief requested in their Application. Specifically, that the Commission apply and interpret N.D.C.C. § 38-08-08 just as it did in <u>Dominek</u> as stated in the Commission Brief, and order that Continental allocate production, since inception, from any wells in the Overlapping

Spacing Units, including the Carson Peak 4-35HSL and Whitman FIU 13-34HSL1 Wells, across the Underlying Spacing Unit where Andress Sandefer's interests are located.

Dated this 5<sup>th</sup> day of December, 2023.

### **VOGEL LAW FIRM**

/s/ Joshua A. Swanson

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5283336.1

## BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS, MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, "BOB" **ROBERT** FULWILER, **MCTAN** HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT, TO CONSIDER ALLOCATION OF **PRODUCTION** ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING **UNIT CONSISTING** SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2. TOWNSHIP 146 NORTH, RANGE 96 WEST. DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

AFFIDAVIT OF JOSHUA A. SWANSON

STATE OF NORTH DAKOTA	) ) SS
COUNTY OF CASS	)

- I, Joshua A. Swanson, being first duly sworn upon oath, state as follows:
- 1. I am a duly licensed attorney in North Dakota, and am the attorney for the Petitioners in this matter.
- 2. Exhibit A is a true and accurate copy of the Amicus Curiae Brief filed by the North Dakota Petroleum Council ("NDPC") with the North Dakota Supreme Court in *Dominek v. Equinor Energy L.P.*, 2022 ND 211, 982 N.W.2d 303, Supreme Court No. 20220088, U.S. District Court No. 1:19-cv-288.
  - 3. Exhibit B is a true and accurate copy of the Declaration of Thurmon Andress.

- 4. Exhibit C is a true and accurate copy of the Declaration of Melissa Sandefer.
- 5. Exhibit D is a true and accurate copy of the Declaration of Julie Sandefer.
- 6. Exhibit E is a true and accurate copy of the Declaration of Lisa Sandefer, now known as Lisa Tyson Thieman.
  - 7. Exhibit F is a true and accurate copy of the Declaration of Thomas Thompson.
  - 8. Exhibit G is a true and accurate copy of the Declaration of Robert "Bob" Fulwiler.
  - 9. Exhibit H is a true and accurate copy of the Declaration of McTan Holdings LP.
  - 10. Exhibit I is a true and accurate copy of the Declaration of Tejon Exploration Company.
  - 11. Exhibit J is a true and accurate copy of the Declaration of Randa K. Upp.
  - 12. Exhibit K is a true and accurate copy of the Declaration of David Halbert.

Dated this 5<sup>th</sup> day of December, 2023.

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Subscribed and sworn to before me this 5th day of December, 2023.

By - Tracy Ottum

Notary Public, Cass County, ND

(SEAL)

TRACY A. OTTUM Notary Public

State of North Dakota

My Commission Expires Dec. 23, 2025

### EXHIBIT A

20220088
FILED
IN THE OFFICE OF THE
CLERK OF SUPREME COURT
JULY 22, 2022
STATE OF NORTH DAKOTA

## IN THE SUPREME COURT STATE OF NORTH DAKOTA

Allen Dominek and Arlen Dominek,	)	
	)	Supreme Court No.
Plaintiffs/Appellants,	)	20220088
,	)	
VS.	)	U.S. District Court No.
	)	1:19-cv-00288
Equinor Energy L.P. f/k/a and a/k/a	)	
Brigham Oil & Gas L.P. and Statoil Oil	)	
and Gas L.P., and Grayson Mill	)	
Williston, LLC,	)	
	)	
Defendants/Appellees.	)	
	)	

Certification Order Entered March 16, 2022 U.S. District Court Case No. 1:19-cv-288 United States District Court for the District of North Dakota The Honorable Daniel L. Hovland

### BRIEF AND ADDENDUM OF AMICUS CURIAE NORTH DAKOTA PETROLEUM COUNCIL, INC. IN SUPPORT OF DEFENDANTS/APPELLEES

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### STATEMENT OF IDENTITY AND INTEREST

[¶1] The North Dakota Petroleum Council ("NDPC") is a trade association representing more than 500 companies involved in all aspects of the oil and gas industry, including operators who produce approximately 98% of the oil in North Dakota. Because many NDPC members operate and produce from overlapping spacing units and allocate production in the same manner as Defendant Equinor, the questions certified to this Court are of vital interest to the NDPC. This brief was authored by counsel for the NDPC, and not counsel for any other party. No other party, party's counsel, or person other than the NDPC contributed money to prepare or submit this brief.¹

### **BACKGROUND**

[¶2] This Court has recognized that traditional property concepts generally, and the rule of capture specifically, contributed to inefficiency and waste in oil and gas development. *Gadeco, LLC v. Indus. Comm'n of State*, 2012 ND 33, ¶¶ 3-4, 812 N.W.2d 405. To promote efficient devolvement, North Dakota enacted the "Act for the Control of Gas and Oil Resources in 1953," which is codified at N.D.C.C. ch. 38-08. *Id.* That chapter provides the Industrial Commission (the "Commission") with extremely broad and comprehensive powers to regulate North Dakota's oil and gas development. *Black Hills Trucking, Inc. v. N.D. Indus. Comm'n*, 2017 ND 284, ¶12, 904 N.W.2d 326.

<sup>&</sup>lt;sup>1</sup> Grayson Mill is a current member of the NDPC. Equinor is a former member of the NDPC. Neither Grayson Mill, Equinor, nor their counsel authored or contributed money to prepare or submit this brief.

### A. The Commission creates pooled spacing units and drilling setbacks.

[¶ 3] The Commission commonly promotes efficient development of North Dakota's oil and gas reserves by creating and pooling spacing units. The Commission is empowered to establish spacing units "[w]hen necessary to prevent waste, to avoid the drilling of unnecessary wells, or to protect correlative rights[.]" N.D.C.C. § 38-08-07(1). Absent voluntary pooling, the Commission will "enter an order pooling all interests in the spacing unit for the development and operations thereof." N.D.C.C. § 38-08-08(1). Any pooling order "must be upon terms and conditions that are just and reasonable, and that afford to the owner of each tract or interest in the spacing unit the opportunity to recover or receive, without unnecessary expense, that owner's just and equitable share." *Id.* 

[¶4] To protect the correlative rights of owners outside the spacing unit from having their oil and gas drain across the spacing unit boundary, the Commission imposes setback requirements that prohibit wellbores within certain distances of the spacing unit boundary. For example, the Commission generally imposes a 500-foot setback from the east and west boundaries of a standup 1,280-acre spacing unit (i.e., a spacing unit one mile wide and two miles long with wells drilling in a north-south configuration). *See, e.g.,* (R26-7:6:¶18). Those setbacks alone<sup>2</sup> prevent drilling into approximately 19% of the typical standup 1,280-acre spacing unit.<sup>3</sup> The 500-foot setbacks often create 2-mile-

<sup>&</sup>lt;sup>2</sup> The Commission also imposes smaller setbacks from the "heel" and "toe" of horizontal wells (i.e., from the north and south boundaries of a standup spacing unit).

<sup>&</sup>lt;sup>3</sup> There are 55,756,800 square feet in two standard sections (each of which contains one square mile), calculated as 10,560 ft\*5,280 ft. The 500-foot setbacks collectively create 10,560,000 square feet of area through which producers cannot drill, calculated as (500 ft\*10,560 ft) + (500 ft\*10,560 ft).

long 1,000-foot-wide undrilled strips along the east and west boundaries of adjacent standup spacing units. Wells outside these setback areas may drain some of the reserves in the setback areas, but not as efficiently or completely as a well drilled into the setback area.

### B. Overlapping spacing units allow the drilling of setback areas.

[¶5] To prevent the waste that would result from leaving such setback areas less than fully developed, the Commission commonly spaces and pools spacing units that overlap two or more previously pooled spacing units, commonly referred to as "overlapping" and "base" spacing units, respectively. These overlapping spacing units are typically larger than base spacing units, often comprising 2,560-acre blocks that embrace four sections. The Commission typically authorizes one or two wells to be drilled near the center section line of the overlapping spacing unit, to produce from the setback areas of the base spacing units. \*\*See\* (R34-2). North Dakota has thousands of overlapping spacing units at present.

[¶6] Many overlapping spacing units consist of two adjacent 1,280-acre base spacing units that are wholly within the overlapping spacing unit. In those cases, the question of allocating production to lands outside the overlapping spacing unit does not arise. However, issues arising from existing spacing or topography often dictate that the overlapping spacing unit only include portions of a given base spacing unit. As a result, North Dakota presently has hundreds of overlapping spacing units that include base units partially inside and partially outside the overlapping spacing unit. The case at bar is

<sup>&</sup>lt;sup>4</sup> For an illustrative video, *see* Permitting Program, Frequently Asked Questions "What are Overlapping Spacing Units?", <a href="https://www.dmr.nd.gov/oilgas/permitting.asp#mr5">https://www.dmr.nd.gov/oilgas/permitting.asp#mr5</a>.

illustrative, with the 1,280-acre spacing unit consisting of Sections 13 and 24 being half in and half out of the 2,560-acre spacing unit consisting of Sections 11, 12, 13, and 14. *See* (R70:4):

Sections 11 and 14 Spacing Unit 11 1280 base-spacing	Section 12 Spacing Unit 12 640 base-spacing unit
unit 14	Sections 13 and 24 Spacing Unit 13
23	unit 24

# C. Producers, the Commission, and federal government allocate production from overlapping spacing units across the entirety of affected base spacing units.

[¶7] In situations where the boundaries of the overlapping spacing unit and base spacing units do not neatly align, operators of overlapping spacing units are tasked with allocating production in accordance with all the Commission's pooling orders. In general, this means that they first ratably allocate production across all lands within the overlapping spacing unit as if it were a single tract. Next, they allocate production across base spacing units either wholly or partly within the overlapping spacing unit. In this case, that means allocating 25% of production from the 2,560-acre overlapping spacing unit (the "Overlapping Unit") to Section 13, and further allocating that share of production with the 1,280-acre base spacing unit (the "Base Unit") that consists of Sections 13 and 24, resulting in Section 13 and Section 24 each receiving 12.5% of the

production from the Overlapping Unit well. Allocating production from overlapping spacing units has occurred in this way for over a decade. *See, e.g.*, (R44-7:2:¶2).

[¶8] The Commission has previously interpreted its pooling orders and pooling statute to require allocation across the base spacing unit under analogous circumstances:

The Commission believes the allocation of production as described is appropriate since the lease-line horizontal well in the overlapping lease-line 2560-acre spacing unit will recover oil from lands within the setback area of the underlying base 1280-acre spacing units, oil that without the lease-line horizontal well would be recovered less efficiently or not at all by the horizontal wells in the base 1280-acre spacing units; therefore, all pooled interest owners within the base 1280-acre spacing units should receive their equitable share of that oil, not just the interest owners in the sections included in the lease-line spacing unit but all interest owners in horizontal wells in the base 1280-acre spacing unit.

NDIC File No. 36559, at p.6, ADD-007; see also (R44-12).

[¶9] The federal government has applied this same interpretation to federal mineral tracts in North Dakota. Because federal interests cannot be pooled by the Commission, development of federal minerals and Indian trust lands in North Dakota requires execution of a communization agreement (or "CA") with the federal government. *See Horob v. Zavanna, LLC*, 2016 ND 168, ¶¶ 18-26, 883 N.W.2d 855 (discussing communitization). These communitization agreements generally correspond to Commission-created spacing units. *See*, *e.g.*, (R26-12:¶1). To develop interests in a setback area, the federal government commonly executes a communitization agreement that corresponds to a Commission-approved overlapping spacing unit. *See id*. Such agreements, in turn, overlap areas covered by "base" communitization agreements that correspond to the Commission's base spacing units. *See*, *e.g.*, *id*.

[¶ 10] Under Permanent Instruction Memorandum No. 2018-004 dated July 27, 2018, the federal government directed that production from an overlapping communitized area should be allocated to lands and then further allocated across the base communitized areas. (R26-11). In fact, the document contains an illustration that includes a "Base CA" analogous to the Base Unit at issue in this case, with Section 13 inside and Section 24 outside a four-section "Overlapping CA." *Id.* at 5, Fig. 2. The federal instructions dictate that Section 13 and Section 24 each receive 12.5% of production, just as Equinor has argued in this case. Numerous active communitization agreements in North Dakota obligate operators to distribute production in the same manner. *See, e.g.*, (R26-12:9) ("All production allocated to this tract is to be further allocated in accordance with the terms of CA NDM 107559. CA NDM 107559 consists of ALL of Sections 17 & 18 T.149N., R.97W." despite Section 18 being outside the overlapping communitized area). Operators of overlapping spacing units that include federal interests, of which there are many, have distributed well revenues consistent with this federal directive.

[¶11] In short, industry practice, Commission guidance, and federal directives all align with Equinor's allocation of production in this case.

### **ARGUMENT**

[¶ 12] North Dakota's pooling statute and the pooling orders at issue require Equinor to allocate production from the Overlapping Unit across all the Base Unit. If the Court has any doubts, it should defer to the Commission's prior interpretations. Before the Court are five certified questions concerning the requirement of base unit allocation under N.D.C.C. § 38-08-08(1) and the applicable pooling orders. The Court should answer Question 1 "Yes." The answer to Question 2 is "Yes" in that Order No. 18082

(the "Base Unit Order") requires allocating Overlapping Unit production to Section 24.

The answer to Questions 3 through 5 is "No."

# A. The pooling statute and the Base Unit Order require allocation across the Base Unit to protect correlative rights of all owners.

[¶ 13] North Dakota has declared it "in the public interest . . . to authorize and provide for the operation and development of oil and gas properties in such a manner . . . that the correlative rights of all owners be fully protected." N.D.C.C. § 38-08-01. Correlative rights have numerous dimensions, including that each "landowner is entitled to a just and equitable share of oil or gas in the pool." *Hystad v. Indus. Comm'n*, 389 N.W.2d 590, 596 (N.D. 1986). Both N.D.C.C. § 38-08-08(1) and the Base Unit Order require allocation across the Base Unit as the only means of fully protecting the correlative rights of all owners impacted by production from the Overlapping Unit.

# 1. The pooling statute and pooling orders require production from the Overlapping Unit be deemed as production from Section 13 "for all purposes," including for allocating production within the Base Unit.

[¶ 14] Under N.D.C.C. § 38-08-08(1), "[t]hat portion of the production allocated to each tract included in a spacing unit covered by a pooling order must, when produced, be deemed <u>for all purposes</u> to have been produced from such tract by a well drilled thereon." *Id.* (emphasis added). The pooling statute thus treats all production from any pooled lands as if production occurred on each integrated tract. *See, e.g., Horob*, 2016 ND 168, at ¶ 24. Nothing limits the pooling to one spacing unit or one pooling order, because that production must be deemed to have occurred on each pooled tract "for all purposes." N.D.C.C. § 38-08-08(1). Pooling orders must be read together, not in isolation. *See Murphy v. Amoco Production Co.*, 590 F. Supp. 455, 462 (D.N.D. 1984).

[¶ 15] Here, the Overlapping Unit Order undisputedly allocates production to each tract within the Overlapping Unit, including Section 13. Under N.D.C.C. § 38-08-08(1), "[t]hat portion of the production allocated to [Section 13] . . . must, when produced, be deemed for all purposes to have been produced from [Section 13] by a well drilled thereon." "For all purposes" is without limitation and includes the purpose of allocating any portion of Overlapping Unit production attributable to Base Unit lands, as if a well was drilled on Section 13. As a result, the Base Unit Order further allocates production attributable to Section 13 to each tract in the Base Unit, including Section 24. In other words, the Overlapping Unit Order requires allocating 25% of the Overlapping Unit production to Section 13, and the Base Unit Order further requires allocating half of Section 13's production to Section 24. Read together, Section 38-08-08(1) and the pooling orders require that Section 24 share in production from the Overlapping Unit.

- [¶ 16] The Court should answer Question 1 "Yes."
- 2. Allocating production from the Overlapping Unit across the full Base Unit protects correlative rights and ensures all owners receive their just and equitable share of production from the Base Unit.

[¶17] Allocating production across the Base Unit is necessary to protect correlative rights and to permit each owner to receive their just and equitable share, as required by the Base Unit Order. As noted above, correlative rights have numerous dimensions. Those rights include that each "landowner is entitled to a just and equitable share of oil or gas in the pool." *Hystad*, 389 N.W.2d at 596. They also include "the opportunity to produce[.]" *Hanson v. Indus. Comm'n*, 466 N.W.2d 587, 594 (N.D. 1991). Conservation laws, however, limit an owner's ability to self-develop the reserve to secure their just and equitable share. *See Texaco Inc. v. Indus. Comm'n of State of* 

*N.D.*, 448 N.W.2d 621, 624 (N.D. 1989). To avoid a confiscation of property without due process, conservation laws must permit an owner to receive their just and equitable share of the supply when produced. *See id*.

[¶ 18] In North Dakota, that occurs through the pooling statute and corresponding pooling orders. *See id.* Consistent with N.D.C.C. § 38-08-08(1), the Base Unit Order requires each owner in the Base Unit receive "their just and equitable share of production from the spacing unit in the proportion as their interest may appear in the spacing unit." (R26-4:2:¶4). The entitlement to a just and equitable share extends to the entirety of the pooled spacing unit, including those oil and gas reserves located in setback areas. The inability to drill a wellbore into the setback does not diminish each owner's correlative rights to obtain their equitable share of the reserves within in the setback. "All owners," not just those whose interests are subsequently committed to an overlapping spacing unit, are entitled to a share in any production from lands pooled in the Base Unit. *Id.* (emphasis added).

[¶ 19] The reason is simple—the oil and gas reserves located within the setback remain pooled with the other reserves in the Base Unit, and each owner therein has correlative rights that entitle them "to a just and equitable share of oil or gas in the pool." *Hystad*, 389 N.W.2d at 596. As illustrated by this case, the Overlapping Unit and Base Unit share a common supply of oil and gas reserves in the western setback of Section 13. As a result, production from the Overlapping Unit drains from the same supply that could have been produced by Base Unit wells but for the Commission's setbacks. Indeed, a Base Unit well adjacent to the setback area could undoubtedly produce some of the reserves from the setback area, even if a section line well may do so more completely or

more efficiently. The Base Unit Order requires allocation across the Base Unit as the only means through which each owner in the Base Unit may receive "their just and equitable share of production from the [base] spacing unit," including the setbacks. (R26-4:2:¶4). A contrary result could be of constitutional concern—setbacks would prevent owners in Section 24 from fully developing the Base Unit to secure their just and equitable share, and yet those owners would not share production from the Overlapping Unit. *See Texaco*, 448 N.W.2d at 624.

[¶20] The Overlapping Unit also implicates correlative rights insofar as it may impact Base Unit wells. While safeguards (such as well spacing) exist, the Overlapping Unit could adversely impact production from the Base Unit and harm owners in Section 24 if they do not share in production from the Overlapping Unit well. See Hanson, 466 N.W.2d at 594 (discussing possible extraterritorial effects). In addition to draining the common supply, the Overlapping Unit well could decrease formational pressures necessary for production from the Base Unit. See Syverson v. N.D. Indus. Comm'n, 111 N.W.2d 128, 132 (N.D. 1961) (recognizing recovery "depends on the pressure in the In fact, the Commission has asserted that production from an overlapping spacing unit may cause "negative impacts to a well or wells in a base 1280-acre spacing unit[.]" NDIC File No. 36559, at p.7, ADD-008. This Court has expressed similar concerns in other contexts. See Texaco, 448 N.W.2d at 625 n.4. When a base spacing unit is partially in and partially out of the overlapping spacing unit, the Commission has asserted allocation across the base spacing unit is necessary to protect correlative rights of all owners in the pool. NDIC File No. 36559, at p., ADD-008. This is the correct result.

[¶21] A contrary result would harm interest owners across North Dakota, not only because it would undermine correlative rights but also because it would upset settled expectations. For over a decade, producers have allocated production from myriad overlapping spacing units consistent with the Commission's long-standing interpretation. See, e.g., (R26-12). If this Court construes the pooling statute or standard pooling orders to prohibit allocation from section line wells across base spacing units, the implications will be far reaching. Years of payments from numerous wells may be challenged, and litigation will likely proliferate. Operators of overlapping spacing units that include federal tracts would be subject to conflicting allocation requirements in Commission pooling orders versus federal communitization agreements. On that reality, development of some overlapping spacing units involving federal minerals and Indian trust lands—of which there are countless in western North Dakota—may be delayed or abandoned altogether. In short, reversing the Commission's interpretation and established industry practice concerning base spacing unit allocation will represent a fundamental shift concerning pooling orders and correlative rights in North Dakota.

[¶22] By contrast, the result urged by Equinor does not diminish or offend the correlative rights of any owner. Here, owners in Section 13 receive the same share of production they otherwise would have received had the reserves underlying the setback been produced from the Base Unit. The possibility also remains that the western setback in Section 24 could be produced in the future from a different overlapping spacing unit. In that event, owners in Section 13 would benefit from allocation across the Base Unit under N.D.C.C. § 38-08-08(1) and the Base Unit Order because, again, such production would drain the same reserves that could have been developed in the Base Unit but for

the setback. North Dakota law requires protecting the correlative rights of all owners, not just those owners who have their interests included in an overlapping spacing unit. *See* N.D.C.C. § 38-08-01.

[¶23] The answer to Question 2 is "Yes" in that as the Base Unit Order requires allocating Overlapping Unit production to Section 24. The Overlapping Unit Order requires allocating 25% of Overlapping Unit production to Section 13, and the Base Unit Order requires further allocating that share of production evenly across the Base Unit, such that Section 13 and Section 24 each receive 12.5% of the production from the Overlapping Unit. The answer to Question 3 is "No."

3. The limiting language in the Overlapping Unit Order is not relevant to allocating production from the Overlapping Unit to Section 24. Rather, it prevents production from the Base Unit from being reallocated across the Overlapping Unit.

[¶24] Many areas contain a series of overlapping spacing units that overlap base spacing units and/or other overlapping spacing units. Because N.D.C.C. § 38-08-08(1) requires production from each pooled tract be deemed to have occurred on that tract "for all purposes," an overlapping pooling order could be read to require reallocation of production from the base spacing units across the overlapping spacing unit. (R44-7:2:¶2). The pooling of the overlapping spacing unit, accordingly, could cause a "daisy chain" effect to occur, in which owners many miles apart would share production because of a series of overlapping spacing units. *See, e.g., id.* at ¶3; *see also* (R44-9:2).

[¶25] The Commission first considered this problem over a decade ago when a company expressed concern about how the pooling order for five overlapping spacing units would interact with the pooling orders for eight base spacing units. (R44-7). The

Commission clarified that the pooling of overlapping spacing units was limited to allocating production from overlapping spacing units and would not impact production allocations from any base spacing unit well, ordering that the overlapping pooling order was amended:

to clarify that it is limited to pooling the five spacing units covered thereby for development and operation of such spacing units . . . and does not have the effect of further allocating production allocated to separately owned tracts within those five spacing units by other pooling orders or any pooling agreements that may exist.

(R.44-10:3:¶1). The Commission has since commonly included similar language in its pooling orders for overlapping spacing units, and has instructed that this language only clarifies that the overlapping pooling order "does not result in the sharing of horizontal wells drilled and completed in one of the base . . .units[.]" (R44-12:19).

[¶26] Questions 4 and 5 implicate this language. This limiting language does not "require the reallocation of production <u>allocated to separately owned tracts</u> within any spacing unit <u>by any existing pooling orders</u>[.]" *See also* (R62-8:3:¶8) (emphasis added). This prevents production from the Base Unit being further allocated across the Overlapping Unit; it does not prevent production from the Overlapping Unit being further allocated across the Base Unit. *See* (R44-12:19). The language at issue in Questions 4 and 5 is therefore irrelevant to the dispute in this case—it neither requires nor prohibits allocation of Overlapping Unit production across the Base Unit.

[¶ 27] The Court should answer Questions 4 and 5 "No."

#### B. The Court should defer to the Commission's interpretations.

[¶28] The meaning of N.D.C.C. § 38-08-08(1), the Overlapping Unit Order, and the Base Unit Order are unambiguous as applied to the certified questions. But if the

Court has any doubts, it should defer to the Commission's interpretation of the issue. Administrative agencies "routinely construe statutes under which they operate in the performance of administering those laws." *GEM Razorback, LLC v. Zenergy, Inc.*, 2017 ND 33, ¶ 12, 890 N.W.2d 544. Because of their expertise, courts will "generally defer to an administrative agency's reasonable interpretation of its governing statutes and rules." *Black Hills Trucking*, 2017 ND 284, at ¶ 19. When faced with a statute of doubtful meaning, this Court will give weight to an agency's long-continued, practical interpretation. *See City of Fargo v. Ness*, 551 N.W.2d 790, 793 (N.D. 1996).

[¶29] The certified questions all turn on technical Commission-specific statutes and pooling orders. The Commission has offered the following interpretation:

The Commission believes the allocation of production as described [across the base spacing unit] is appropriate since the lease-line horizontal well in the overlapping lease-line 2560-acre spacing unit will recover oil from lands within the setback area of the underlying base 1280-acre spacing units, oil that without the lease-line horizontal well would be recovered less efficiently or not at all by the horizontal wells in the base 1280-acre spacing units; therefore, all pooled interest owners within the base 1280-acre spacing units should receive their equitable share of that oil, not just the interest owners in the sections included in the lease-line spacing unit but all interest owners in horizontal wells in the base 1280-acre spacing unit.

NDIC File No. 36559, at p.6, ADD-007. The Commission further expressed that this "is the <u>understanding and interpretation of the North Dakota Industrial Commission</u>, Department of Mineral Resources, Oil and Gas Division[.]" *Id.* at p.8, ADD-009 (emphasis added). The Court should defer to that interpretation. *Black Hills Trucking*, 2017 ND 284, at ¶ 19. In addition to being correct, the Commission's interpretation has long been applied in North Dakota and ensures the Commission's setbacks do not deprive

any owner in a base spacing unit from receiving their just and equitable share of production, as discussed above. *See Ness*, 551 N.W.2d at 793.

[¶ 30] As a final alternative, if any doubt remains, the Court could require administrative exhaustion before the Commission. Doing so would respect the Commission's initial decision-making responsibility and would allow the Commission to use its experience and expertise in developing a record from which this Court may benefit. *See Vogel v. Marathon Oil Co.*, 2016 ND 104, ¶ 36, 879 N.W.2d 471. The Commission has previously accepted petitions to clarify the meaning of its orders. *See, e.g.,* Commission Order No. 26006, ADD-010 (clarifying retroactivity of spacing order). To be clear, however, the NDPC does not believe that administrative proceedings should be required here, given the plain language of the Commission's orders and the Commission's prior interpretations of the issue presented by this case.

[¶31] If the Court believes that the statute or pooling orders are somehow ambiguous, the Court should defer to the Commission's interpretation and answer the five certified questions in the same manner discussed above.

#### **CONCLUSION**

[¶ 32] The NDPC respectfully requests the Court answer Question 1 "Yes", Question 2 "Yes" in that as the Base Unit Order requires allocating Overlapping Unit production to Section 24, and Questions 3 through 5 "No."

#### /s/ Paul J. Forster

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#### **CERTIFICATE OF COMPLIANCE**

[¶33] The undersigned hereby certifies, in compliance with N.D.R.App.P. 29(a)(5) and N.D.R.App.P. 32(a)(8)(A), that this Brief of *Amicus Curiae* North Dakota Petroleum Council in Support of Defendants/Appellees was prepared with proportional typeface, 12 pt. font, and that the total number of pages in the above brief is 19 pages.

/s/ Paul J. Forster

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## IN THE SUPREME COURT STATE OF NORTH DAKOTA

Allen Dominek and Arlen Dominek,	)	
	)	Supreme Court No.
Plaintiffs/Appellants,	)	20220088
	)	
vs.	)	U.S. District Court No.
	)	1:19-cv-00288
Equinor Energy L.P. f/k/a and a/k/a	)	
Brigham Oil & Gas L.P. and Statoil Oil	)	
and Gas L.P., and Grayson Mill	)	
Williston, LLC,	)	
	)	
Defendants/Appellees.	)	
	)	

### **CERTIFICATE OF SERVICE**

STATE OF NORTH DAKOTA	)
	) ss.
COUNTY OF BURLEIGH	)

I hereby certify that on July 19, 2022, true and correct copies of the following documents were electronically filed with the Clerk of the North Dakota Supreme Court:

- 1. Motion for Leave to File *Amicus Curiae* Brief by North Dakota Petroleum Council in Support of Defendants/Appellees;
- 2. *Amicus Curiae* Brief of the North Dakota Petroleum Council in Support of Defendants/Appellees (with Addendum)

and served electronically upon the following:

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APPLICATION OF THURMON ANDRESS, MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, ROBERT "BOB" FULWILER. **MCTAN** HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT, TO **CONSIDER** ALLOCATION OF **PRODUCTION** ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT **CONSISTING** SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2, TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

DECLARATION OF THURMON ANDRESS

### **DECLARATION OF THURMON ANDRESS**

- 1. My name is Thurmon Andress. I am a petitioner in this matter, over the age of 21 years old, of sound mind, and qualified in all respects to make this Declaration. I have read this Declaration and have personal knowledge of all facts set forth herein, which are true and correct.
- 2. I own oil and gas interests in the "Underlying Spacing Unit" in Dunn County, North Dakota. Specifically, I own oil and gas interests in Sections 23 and 26 of the Underlying Spacing Unit in Township 147 North, Range 96 West (the "Subject Lands").
- 3. I have never received any allocation from the Carson Peak 4-35HSL ("Carson Peak 4") and Whitman FIU 13-34HSL1 ("Whitman FIU 13") Wells operated by Continental Resources, Inc. ("Continental").

4.	I declare under penalty of perjury that the foregoing statements are each true	and
correct.		

Dated this \_\_\_\_\_ day of December, 2023.

By – Thurmon Andress

APPLICATION OF THURMON ANDRESS. MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON. **ROBERT** "BOB" FULWILER, **MCTAN** HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT, TO **CONSIDER** THE ALLOCATION OF **PRODUCTION** ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING **SPACING** UNIT **CONSISTING** SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2. TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

DECLARATION OF MELISSA SANDEFER

#### **DECLARATION OF MELISSA SANDEFER**

- 1. My name is Melissa Sandefer. I am a petitioner in this matter, over the age of 21 years old, of sound mind, and qualified in all respects to make this Declaration. I have read this Declaration and have personal knowledge of all facts set forth herein, which are true and correct.
- 2. I own oil and gas interests in the "Underlying Spacing Unit" in Dunn County, North Dakota. Specifically, I own oil and gas interests in Sections 23 and 26 of the Underlying Spacing Unit in Township 147 North, Range 96 West (the "Subject Lands").
- 3. I have never received any allocation from the Carson Peak 4-35HSL ("Carson Peak 4") and Whitman FIU 13-34HSL1 ("Whitman FIU 13") Wells operated by Continental Resources, Inc. ("Continental").

	4.	I declare under	penalty of perjury	that the	foregoing	statements	are each	true ar	ıd
correc	et.	1							
	Dated	this $\#$ day of	December, 2023.						

Melissa Sandefer

By - Melissa Sandefer

APPLICATION OF THURMON ANDRESS. MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, ROBERT "BOB" FULWILER, MCTAN HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT, TO CONSIDER THE ALLOCATION OF PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT CONSISTING OF SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2, TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

DECLARATION OF JULIE SANDEFER

### **DECLARATION OF JULIE SANDEFER**

- 1. My name is Julie Sandefer. I am a petitioner in this matter, over the age of 21 years old, of sound mind, and qualified in all respects to make this Declaration. I have read this Declaration and have personal knowledge of all facts set forth herein, which are true and correct.
- 2. I own oil and gas interests in the "Underlying Spacing Unit" in Dunn County, North Dakota. Specifically, I own oil and gas interests in Sections 23 and 26 of the Underlying Spacing Unit in Township 147 North, Range 96 West (the "Subject Lands").

- 3. I have never received any allocation from the Carson Peak 4-35HSL ("Carson Peak 4") and Whitman FIU 13-34HSL1 ("Whitman FIU 13") Wells operated by Continental Resources, Inc. ("Continental").
- I declare under penalty of perjury that the foregoing statements are each true and correct.

Dated this  $\frac{1}{2}$  day of December, 2023.

By – Julie Sandefer

### EXHIBIT E

# BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS. MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, **ROBERT** "BOB" FULWILER, **MCTAN** HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT, TO CONSIDER THE ALLOCATION OF **PRODUCTION** ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING **SPACING** UNIT CONSISTING SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2, TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

DECLARATION OF LISA SANDEFER, NKA LISA TYSON THIEMAN

# DECLARATION OF LISA SANDEFER NKA LISA TYSON THIEMAN

- 1. My name is Lisa Tyson Thieman (formerly Lisa Tyson Sandefer). I am a petitioner in this matter, over the age of 21 years old, of sound mind, and qualified in all respects to make this Declaration. I have read this Declaration and have personal knowledge of all facts set forth herein, which are true and correct.
- 2. I own oil and gas interests in the "Underlying Spacing Unit" in Dunn County, North Dakota. Specifically, I own oil and gas interests in Sections 23 and 26 of the Underlying Spacing Unit in Township 147 North, Range 96 West (the "Subject Lands").

- 3. I have never received any allocation from the Carson Peak 4-35HSL ("Carson Peak 4") and Whitman FIU 13-34HSL1 ("Whitman FIU 13") Wells operated by Continental Resources, Inc. ("Continental").
- 4. I declare under penalty of perjury that the foregoing statements are each true and correct.

Dated this 4 day of December, 2023.

By – Lisa Tyson Thieman (formerly Lisa Tyson Sandefer)

APPLICATION OF THURMON ANDRESS, MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, ROBERT "BOB" FULWILER, **MCTAN** HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT, TO CONSIDER ALLOCATION OF **PRODUCTION** ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT **CONSISTING** SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2, TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

DECLARATION OF THOMAS THOMPSON

### **DECLARATION OF THOMAS THOMPSON**

- 1. My name is Thomas Thompson. I am a petitioner in this matter, over the age of 21 years old, of sound mind, and qualified in all respects to make this Declaration. I have read this Declaration and have personal knowledge of all facts set forth herein, which are true and correct.
- 2. I own oil and gas interests in the "Underlying Spacing Unit" in Dunn County, North Dakota. Specifically, I own oil and gas interests in Sections 23 and 26 of the Underlying Spacing Unit in Township 147 North, Range 96 West (the "Subject Lands").
- 3. I have never received any allocation from the Carson Peak 4-35HSL ("Carson Peak 4") and Whitman FIU 13-34HSL1 ("Whitman FIU 13") Wells operated by Continental Resources, Inc. ("Continental").

4. I declare under penalty of perjury that the foregoing statements are each true and correct.

Dated this day of December, 2023.

By - Thomas Thompson

APPLICATION OF THURMON ANDRESS. MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON. **ROBERT** "BOB" FULWILER, **MCTAN** HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT, TO **CONSIDER** ALLOCATION OF **PRODUCTION** ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING **CONSISTING SPACING UNIT** SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2. TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

DECLARATION OF ROBERT "BOB" FULWILER

#### **DECLARATION OF ROBERT "BOB" FULWILER**

- 1. My name is Robert "Bob" Fulwiler. I am a petitioner in this matter, over the age of 21 years old, of sound mind, and qualified in all respects to make this Declaration. I have read this Declaration and have personal knowledge of all facts set forth herein, which are true and correct.
- 2. I own oil and gas interests in the "Underlying Spacing Unit" in Dunn County, North Dakota. Specifically, I own oil and gas interests in Sections 23 and 26 of the Underlying Spacing Unit in Township 147 North, Range 96 West (the "Subject Lands").
- 3. I have never received any allocation from the Carson Peak 4-35HSL ("Carson Peak 4") and Whitman FIU 13-34HSL1 ("Whitman FIU 13") Wells operated by Continental Resources, Inc. ("Continental").

4. I declare under penalty of perjury that the foregoing statements are each true and correct.

Dated this 5 day of December, 2023.

By - Robert "Bob" Fulwiler

APPLICATION OF THURMON ANDRESS, MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, ROBERT "BOB" FULWILER, MCTAN HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID CONSIDER THE HALBERT, TO ALLOCATION OF PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING **SPACING UNIT CONSISTING** SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2, TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

DECLARATION OF MCTAN HOLDINGS, LP

### **DECLARATION OF MCTAN HOLDINGS, LP**

- 1. My name is Shawn McGlothlin, the Manager of McTan Holdings LP. I am a petitioner in this matter, over the age of 21 years old, of sound mind, and qualified in all respects to make this Declaration. I have read this Declaration and have personal knowledge of all facts set forth herein, which are true and correct.
- 2. McTan Holdings LP owns oil and gas interests in the "Underlying Spacing Unit" in Dunn County, North Dakota. Specifically, McTan Holdings LP owns oil and gas interests in Sections 23 and 26 of the Underlying Spacing Unit in Township 147 North, Range 96 West (the "Subject Lands").

- 3. McTan Holdings LP has never received any allocation from the Carson Peak 4-35HSL ("Carson Peak 4") and Whitman FIU 13-34HSL1 ("Whitman FIU 13") Wells operated by Continental Resources, Inc. ("Continental").
- I declare under penalty of perjury that the foregoing statements are each true and correct.

Dated this 4 day of December, 2023.

By - Shawn McGlothlin,

Manager of McTan Holdings LP

APPLICATION OF THURMON ANDRESS, MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, ROBERT "BOB" FULWILER, HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID **CONSIDER** HALBERT, TO ALLOCATION OF PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING **CONSISTING** SPACING UNIT SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2, TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

DECLARATION OF TEJON EXPLORATION COMPANY

#### **DECLARATION OF TEJON EXPLORATION COMPANY**

- 1. My name is Joe Canon, the Executive Vice President of Tejon Exploration Company. I am a petitioner in this matter, over the age of 21 years old, of sound mind, and qualified in all respects to make this Declaration. I have read this Declaration and have personal knowledge of all facts set forth herein, which are true and correct.
- 2. Tejon Exploration Company owns oil and gas interests in the "Underlying Spacing Unit" in Dunn County, North Dakota. Specifically, Tejon Exploration Company owns oil and gas interests in Sections 23 and 26 of the Underlying Spacing Unit in Township 147 North, Range 96 West (the "Subject Lands").

- 3. Tejon Exploration Company has never received any allocation from the Carson Peak 4-35HSL ("Carson Peak 4") and Whitman FIU 13-34HSL1 ("Whitman FIU 13") Wells operated by Continental Resources, Inc. ("Continental").
- 4. I declare under penalty of perjury that the foregoing statements are each true and correct.

Dated this 4th day of December, 2023.

By - Joe Canon

Executive Vice President Tejon Exploration Company

### EXHIBIT J

## BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS. MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON. ROBERT "BOB" FULWILER, MCTAN HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT. TO CONSIDER THE ALLOCATION OF PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT CONSISTING SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2. TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

DECLARATION OF RANDA K. UPP

### DECLARATION OF RANDA K. UPP

- 1. My name is Randa K. Upp. I am a petitioner in this matter, over the age of 21 years old, of sound mind, and qualified in all respects to make this Declaration. I have read this Declaration and have personal knowledge of all facts set forth herein, which are true and correct.
- 2. I own oil and gas interests in the "Underlying Spacing Unit" in Dunn County, North Dakota. Specifically, I own oil and gas interests in Sections 23 and 26 of the Underlying Spacing Unit in Township 147 North, Range 96 West (the "Subject Lands").
- 3. I have never received any allocation from the Carson Peak 4-35HSL ("Carson Peak 4") and Whitman FIU 13-34HSL1 ("Whitman FIU 13") Wells operated by Continental Resources, Inc. ("Continental").
- 4. I declare under penalty of perjury that the foregoing statements are each true and correct.

Dated this 4th day of December, 2023.

By - Randa K. Upp

APPLICATION OF THURMON ANDRESS, MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON. ROBERT "BOB" FULWILER. HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT. TO CONSIDER THE **ALLOCATION** OF **PRODUCTION** ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING **SPACING** UNIT CONSISTING SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2, TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

Case No.: 30604

DECLARATION OF DAVID HALBERT

### **DECLARATION OF DAVID HALBERT**

- 1. My name is David Halbert. I am a petitioner in this matter, over the age of 21 years old, of sound mind, and qualified in all respects to make this Declaration. I have read this Declaration and have personal knowledge of all facts set forth herein, which are true and correct.
- 2. I own oil and gas interests in the "Underlying Spacing Unit" in Dunn County, North Dakota. Specifically, I own oil and gas interests in Sections 23 and 26 of the Underlying Spacing Unit in Township 147 North, Range 96 West (the "Subject Lands").
- 3. I have never received any allocation from the Carson Peak 4-35HSL ("Carson Peak 4") and Whitman FIU 13-34HSL1 ("Whitman FIU 13") Wells operated by Continental Resources, Inc. ("Continental").

4. I declare under penalty of perjury that the foregoing statements are each true and correct.

Dated this day of December, 2023.

By – David Halbert

APPLICATION OF THURMON ANDRESS, MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, **ROBERT** "BOB" FULWILER, **MCTAN** HOLDINGS, LP, TEJON EXPLORATION COMPANY, RANDA K. UPP, AND DAVID HALBERT, TO **CONSIDER** OF ALLOCATION PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL (FILE NO. 35272) AND WHITMAN FIU 13-34HSL1 (FILE NO. 38533) SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT CONSISTING OF SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION TOWNSHIP 146 NORTH, RANGE 96 WEST, DUNN COUNTY, NORTH DAKOTA, IN THE OAKDALE FIELD

CERTIFICATE

**OF SERVICE** 

Case No.: 30604

STATE OF NORTH DAKOTA	)
	) SS
COUNTY OF CASS	)

- [¶1] I hereby certify that on December 5, 2023, the following document(s):
  - 1. Petitioners' Pre-Hearing Brief in Support of Application;
  - 2. Affidavit of Joshua A. Swanson;
  - 3. Exhibit A Amicus Curiae Brief by North Dakota Petroleum Commission in *Dominek v. Equinor Energy, L.P.*;
  - 4. Exhibit B Declaration of Thurmon Andress;
  - 5. Exhibit C Declaration of Melissa Sandefer;
  - 6. Exhibit D Declaration of Julie Sandefer;
  - 7. Exhibit E Declaration of Lisa Sandefer;
  - 8. Exhibit F Declaration of Thomas Thompson;
  - 9. Exhibit G Declaration of Robert "Bob" Fulwiler;
  - 10. Exhibit H Declaration of McTan Holdings LP;
  - 11. Exhibit I Declaration of Tejon Exploration Company;
  - 12. Exhibit J Declaration of Randa K. Upp; and
  - 13. Exhibit K Declaration of David Halbert.

was/were filed and served electronically to the following:

James Parrot (#07007) Tracy Peterson

jparrot@bwenergylaw.com tpeterson@bwenergylaw.com

Jake Haseman (#07648)Matthew Sagsveenjhaseman@bwenergylaw.commasagsve@nd.gov

 $\begin{array}{ccc} \textbf{Sara Forsberg} & \textbf{Kerrie Helm} \\ \underline{slforsberg@nd.gov} & \underline{khelm@nd.gov} \end{array}$ 

Dated this 5<sup>th</sup> day of December, 2023.

### **VOGEL LAW FIRM**

/s/ Joshua A. Swanson

BY: Joshua A. Swanson (#06788)

218 NP Avenue PO Box 1389

Fargo, ND 58107-1389 Telephone: 701.237.6983

Email: jswanson@vogellaw.com ATTORNEYS FOR PETITIONERS

5289887.1

From: <u>James Parrot</u>
To: <u>Forsberg, Sara L.</u>

Cc: <u>Tracy Peterson</u>; <u>Jake Haseman</u>; <u>Joshua A. Swanson</u>

Subject: Case 30604

**Date:** Monday, December 4, 2023 5:52:29 PM

Attachments: NDIC - Continental Motion to Dismiss Andress Application.pdf

\*\*\*\*\* **CAUTION:** This email originated from an outside source. Do not click links or open

attachments unless you know they are safe. \*\*\*\*\*

Good evening Sara,

Attached for Case 30604 is Continental's Motion to Dismiss the Application of Andress, Sandefer, et al.

Please let me know if you have any questions.

Sincerely, James Parrot



James Parrot | Beatty & Wozniak, P.C. Shareholder

1675 Broadway, Suite 600 Denver, CO 80202 Direct: 303-407-4458 Mobile: 303-917-2261 www.bwenergylaw.com

Energy in the Law

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In the Matter of the Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, and Robert "Bob" Fulwiler to consider the allocation of production attributable to them from the Carson Peak 4-35 HSL and Whitman FIU 13-34 HSL1 section line wells based on their interests in the underlying spacing unit consisting of Sections 23, 26, and 35, Township 147 North, Range 96 West, 5th P.M., and Section 2, Township 146 North, Range 96 West, 5th P.M.

Case No. 30604

### **MOTION TO DISMISS**

Comes now, Continental Resources, Inc. ("Continental"), by and through its attorneys, Beatty and Wozniak, P.C., and submits this Motion to Dismiss to the North Dakota Industrial Commission ("Commission"). Continental respectfully requests the Commission DISMISS with prejudice the Application ("Application") of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, and Robert "Bob" Fulwiler (collectively, "Andress Sandefer" or the "Applicants") in the above-captioned matter. The Commission should dismiss the Application because: (i) the North Dakota Supreme Court ruled the Applicants' legal argument is unsupported, (ii) the Applicants lack standing to bring the Application, (iii) the Applicants fail to state a claim on which relief can be granted, (iv) the Commission lacks jurisdiction over the Applicants' request for relief, and (v) the Application does not present a justiciable request for relief.

### I. <u>INTRODUCTION & BACKGROUND</u>

#### A. Introduction

Continental respectfully requests the Commission dismiss the Application without substantive hearings. Historical production has proven reservoir conditions south of the Applicants' interests are different than the reservoir conditions in the Applicants' lands. As a result, the Applicants attempt to employ non-existent Commission procedures to compel an unprecedented reallocation of proceeds from oil and gas wells that have been producing for years in lands where the Applicants have no mineral interest, not only to their benefit, but to the direct detriment of actual mineral interest owners in those lands. The Applicants predicate their entire Application on an argument the North Dakota Supreme Court very recently rejected in the *Dominek* case.<sup>1</sup>

As explained below, a hearing on the Application would be the Applicants' third bite at the proverbial apple, forcing double jeopardy of the Commission's spacing and pooling orders. Having slept on their rights for the past decade of spacing and pooling hearings, the Applicants have no standing, and the Commission has no jurisdiction, to

<sup>&</sup>lt;sup>1</sup> Dominek, et al. v. Equinor Energy, et al., 2022 ND 211, 982 N.W.2d 303.

adopt nonexistent rules and the unprecedented reallocation order requested by the Applicants.

Additionally, any substantive ruling on the Application would deny due process for hundreds of companies and tens of thousands of mineral owners. It would set ruinous precedent for the oil and gas industry in North Dakota, wreaking disarray for billions of dollars of oil and gas production proceeds that have already been allocated, paid and spent. It would invite thousands of reallocation applications from unaggrieved parties and create massive windfalls at the great expense of companies guilty of nothing more than investing in development of North Dakota's natural resources. This type of far-reaching decision, which will affect tens of thousands of stakeholders, is a political decision best left to the legislative branch.

Accordingly, and as more specifically explained below, Continental respectfully requests the Commission dismiss the Application with prejudice, and without entertaining unprecedented substantive hearings on reallocation of production revenue generated from producing wells.

### B. Factual Background

Continental owns a majority working interest in the Oakdale Field, Dunn County, ND, which comprises Sections 22, 23, 26, 27, 34, and 35, T.147N., R.96W., 5th P.M., and Sections 2, and 3, T.146N., R.96W, 5th P.M. (collectively, the "Subject Lands") (hereinafter referred to without township, range or meridian references). Continental operates all Bakken Formation and Three Forks Formation wells in the Oakdale Field. The Commission has established various 1,280-acre and 2,560-acre (more or less) spacing units in the Oakdale Field, as follows.<sup>2</sup>

1. 1,280-acre "standup" spacing units (collectively, "Standup 1280s"):

Lands	Unit Name	Order No.	Case No.
Sections 23, 26	Morris	13262	11185
Sections 22, 27	Hawkinson	13262	11185
Sections 34, and 3	Whitman	10609	9033
Sections 35, and 2	Carson Peak	10608	9032

- 2. 2,560-acre "standup" spacing units (collectively, "Standup 2560s"):
  - a. Sections 23, 26, 35, 2
  - b. Sections 22, 27, 24, 3

 Lands
 Unit Name
 Order No.
 Case No.

 Sections 23, 26, 35, 2
 East Standup 2560
 14604
 12030

 Sections 22, 27, 24, 3
 West Standup 2560
 15126
 12859

<sup>&</sup>lt;sup>2</sup> See Order No. 30745 in Case No. 28290 for a summary of spacing in the Oakdale Field.

### 3. 2,560-acre "square" spacing units (collectively, "Square 2560s"):<sup>3</sup>

Lands	Unit Name	Order No.	Case No.
Sections 22, 23, 26, 27	north Square 2560	27659	25420
Sections 34, 35, 2, 3	south Square 2560	28508	26095

The Applicants failed to appear or otherwise participate in any of the spacing hearings held regarding these spacing units, despite Continental's strict compliance with proper notice requirements.<sup>4</sup> The Commission statutorily pooled these units.<sup>5</sup> The Applicants failed to appear or otherwise participate in any of the pooling hearings held regarding these pooling hearings, despite Continental's strict compliance with proper notice requirements.<sup>6</sup> Continental permitted, drilled, and is producing approximately 2-mile lateral Bakken Formation and Three Forks Formation horizontal wells in all of the Standup 1280s, Standup 2560s, and Square 2560s.

The Applicants own physical mineral interests in the Morris Unit and the Hawkinson Unit (the North Square 2560), but own no physical mineral interests in the Whitman Unit and the Carson Peak Unit (the South Square 2560). Continental drilled and is producing the Carson Peak 4-35 HSL (File No. 35272) and Whitman FIU 13-34 HSL1 (File No. 38533) wells ("Subject Wells") in the South Square 2560. The Applicants request the Commission reallocate production from the Subject Wells (and no other wells) to themselves (and no other parties) despite their lack of any physical mineral interests in the South Square 2560. This would, without question, dilute the physical mineral interests of the owners in the Subject Wells by 50%, in favor of owners in the North Square 2560. The Applicants do not request a reciprocal order for the North Square 2560, which would dilute the Applicants' own share of proceeds in favor of physical mineral interest owners in the South Square 2560.

The Commission's records indicate the Carson Peak 4-35 HSL well began producing in June of 2020, and as of September of 2023 has produced over 870,000 bbls of oil, and nearly 1.4 Bcf of gas. The Commission's records further indicate the Whitman FIU 13-34 HSL1 well began producing in July of 2022, and as of September of 2023 has produced over 140,000 bbls of oil, and nearly 334 MMcf of gas.

(i) Order No. 29871, Case No. 27427, which pooled the Square 2560 for Sections 2, 3, 34 and 35;

<sup>&</sup>lt;sup>3</sup> The Square 2560s are established solely for "section line" wells, or wells drilled in a north-south orientation approximately along the center section line dividing the east and west halves of the Square 2560s.

<sup>&</sup>lt;sup>4</sup> See case files and audio for the spacing hearings mentioned above.

<sup>&</sup>lt;sup>5</sup> See:

<sup>(</sup>ii) Order No. 27731, Case No. 25326, which pooled the Square 2560 for Sections 22, 23, 26; and 27;

<sup>(</sup>iii) Order No. 14262, Case No. 12031, which pooled the Standup 2560 for Sections 2, 23, 26 and 35;

<sup>(</sup>iv) Order No. 16026, Case No. 13748, which pooled the Standup 2560 for Sections 3, 22, 27, and 34

<sup>(</sup>v) Order No. 14048, Case No. 11867, which pooled the Standup 1280 for Sections 22, 27.

<sup>(</sup>vi) Order No. 13102, Case No. 11061, which pooled the Standup 1280 for Sections 23, 26.

<sup>(</sup>vii) Order No. 12885, Case No. 10735, which pooled the Standup 1280 for Sections 34, 3.

<sup>(</sup>viii) Order No. 12248, Case No. 10361, which pooled the Standup 1280 for Sections 35, 2.

<sup>&</sup>lt;sup>6</sup> See case files and audio for the pooling hearings mentioned above.

### II. The Application is precluded by the Dominek case

In their present application, the Applicants expressly and specifically argue the exact opposite of the North Dakota Supreme Court's very recent holding In the *Dominek* case, even though the Applicants are aware of the decision as they submitted this same argument through amicus curiae briefing to the North Dakota Supreme Court in that very case. The Applicants state their "claim [is] that N.D.C.C. § 38-08-08(1) requires that production from the Overlapping Spacing Unit via the Carson Peak 4 Well and the Whitman FIU 13 Well be allocated across the Underlying Spacing Unit." The North Dakota Supreme Court struck down this argument, stating "Section 38-08-08(1), N.D.C.C., does not require allocation of production from Section 13 [the overlapping spacing unit] to Section 24 [the underlying unit]." Expressed in terms of the present matter, the Applicants claim that N.D.C.C. § 38-08-08(1) requires Continental to allocate production from the Southern Square 2560 to all interests in the Standup 2560s. Yet, the North Dakota Supreme Court held in *Dominek* that N.D.C.C. § 38-08-08(1) does not require Continental to allocate production from the Southern Square 2560 to all interests in the Standup 2560s.

The Applicants lengthy quotation of a brief filed by the Commission in the *Dominek* case <sup>9</sup> does not lend support to the Applicants' legal argument now before the Commission. The Applicants provide the quoted sections in support of their interpretation of N.D.C.C. § 38-08-08(1). However, that interpretation was decisively rejected in *Dominek*, as the North Dakota Supreme Court surely considered the exact same legal argument, and issued a holding that soundly contradicts the Applicants' entire argument here. Therefore, the Commission should dismiss the Application with prejudice, due to its overt conflict with binding law.

### III. Standing and Laches

#### A. Introduction

The Application is, in essence, a request for reconsideration or an appeal of the spacing and pooling orders covering the Subject Lands. The Applicants lack standing to bring such a request because they failed to appear or otherwise participate in the hearings publicly noticed to establish and pool the spacing units covering the Subject Lands. By their own choice, they were not parties to those hearings, and therefore lack standing to request reconsideration after the fact and with the benefit of historical, favorable oil and gas well production data.

Moreover, the Applicants are years late in requesting a rehearing, and only requested reallocation of the Subject Wells after years of production data have been established. They seek risk-free participation in the Subject Wells, years after they made a choice to not participate in the spacing and pooling hearings for the Subject Lands.

<sup>&</sup>lt;sup>7</sup> Dominek, 982 N.W.2d 303.

<sup>&</sup>lt;sup>8</sup> Application at 4.

<sup>&</sup>lt;sup>9</sup> Application at 5-6.

Continental has relied in good faith on the Commission's orders, and laches now bars the Applicants' request for reallocation of production proceeds.

### B. The Application is a request for reconsideration

Without question, the Application is an appeal and request for reconsideration of the Commission's orders that spaced and pooled the Square 2560s. There is no statute or rule authorizing an application or an order that reallocates wells or a spacing unit established under N.D.C.C. § 38-08-07. The Commission is authorized and required to establish spacing units "[w]hen necessary to prevent waste, to avoid the drilling of unnecessary wells, or to protect correlative rights..."10 If the parties in a spacing unit do not voluntarily pool their interests, upon the application of any interested party, the Commission shall enter an order pooling the interests in the spacing unit. 11 Any such order must be on "terms and conditions that are just and reasonable, and that afford to the owner of each tract or interest in the spacing unit the opportunity to recover or receive, without unnecessary expense, his just and equitable share." These are the only statutory and regulatory provisions addressing the establishment of spacing units and allocation of proceeds therefrom. Therefore, the only way that the Commission can legally reallocate proceeds to additional lands is to enlarge a spacing unit and amend the pooling order to cover the enlarged unit. In requesting a reallocation for the Subject Wells, the Applicants are requesting that the Commission rewrite Order Nos. 27659 and 28508, which established the Square 2560s, and Order Nos. 27731 and 29871, which pooled the Square 2560s.

### C. Applicable law

The North Dakota Supreme Court has established a three-part test for determining whether a person has standing to appeal an administrative order, the person must: (i) be directly interested in the agency proceedings; (ii) be factually aggrieved by the agency decision; and (iii) participate in the agency proceeding. Additionally, only a party to an agency proceeding has standing to request reconsideration of the agency's decision. The Commission must afford to "all parties and other persons allowed to participate the opportunity to respond, present evidence and argument, conduct cross-examination, and submit rebuttal evidence..."

"Laches is an affirmative defense arising out of equity. Laches is a delay or lapse of time in commencing an action that works a disadvantage or prejudice to the adverse party because of a change in conditions during the delay. Laches does not arise from the delay of time alone; rather, it is the delay in enforcing a person's rights that disadvantages another. The party against whom laches is sought to be invoked must be actually or presumptively aware of his rights and must fail to assert them against a party who in good faith permitted his position to become so changed that he could not be restored to his

<sup>&</sup>lt;sup>10</sup> N.D.C.C. § 38-08-07.1.

<sup>&</sup>lt;sup>11</sup> N.D.C.C. § 38-08-08.1.

<sup>&</sup>lt;sup>12</sup> Energy Transfer LP v. N.D. Private Investigative and Sec. Bd., 2022 ND 85, P7, 973 N.W.2d 394, 398.

<sup>&</sup>lt;sup>13</sup> N.D.C.C. § 28-32-40.

<sup>&</sup>lt;sup>14</sup> N.D.C.C. § 28-32-35.

former state. The party asserting laches has the burden of proving he was so prejudiced during the delay that he cannot be restored to the status quo."15

### D. Analysis – Applicants' lack of standing

As discussed above and in the Application, the Commission established and pooled four Standup 1280s covering the Subject Lands. The Commission also established and pooled two Standup 2560s and two Square 2560s covering the Subject Lands. The Commission established these units after proper notice and hearing, and pooled these units after proper notice and hearing. All interested parties, including the Applicants, had notice and the opportunity to participate in those hearings, present evidence and argument, cross-examine the witnesses, and submit rebuttal evidence.

The case files and audio recordings confirm the Applicants did not participate in any of the hearings.<sup>17</sup> The Applicants did not object to, or participate in, the Commission establishing the Square 2560s, which it did *after* the Standup 2560s.<sup>18</sup> The Applicants failed to raise any concerns about correlative rights or proper allocation of proceeds during the appropriate time to do so – at these hearings.<sup>19</sup> By the Applicants disregarding their right to participate in the hearings, they lack standing to appeal or request reconsideration of the underlying spacing and pooling orders through their Application. Therefore, the Application must be dismissed with prejudice.

### E. Analysis – laches

As discussed above, Applicants waited until years after the pooling orders were issued for the Square 2560s before challenging the allocation of such units. They also waited for years after the Subject Wells began producing before they requested reallocation of such wells. By pure twist of fate, the reservoir in which the Subject Wells are located is particularly productive. Years of production have demonstrated the Subject Wells are significant, outperforming most wells in the basin. It was only *after* such data came to Applicants' attention that their Application was filed.

As discussed above, the Commission properly noticed all spacing and pooling hearings for the Subject Lands, but the Applicants failed to object to, or even participate in them.<sup>20</sup> The Applicants were presumptively aware of their rights and failed to exercise their rights. The only reason they seek to exercise them now is because years of proceeds have demonstrated the performance of the Subject Wells. This contradicts fundamental tenets of oil and gas economics. Operators like Continental risk tens of millions of dollars in capital expenditure, and profit only when they drill successful wells. Other non-participating working interest owners take the same risks and are equally rewarded for

<sup>&</sup>lt;sup>15</sup> Kvande v. Thorson, 2020 ND 186, P11-P12, 947 N.W.2d 901, 904 (internal citations and quotations omitted).

<sup>&</sup>lt;sup>16</sup> See notices in the case files for the spacing and pooling hearings mentioned above.

<sup>&</sup>lt;sup>17</sup> See case files and audio for the spacing and pooling hearings mentioned above.

<sup>&</sup>lt;sup>18</sup> *Id*.

<sup>&</sup>lt;sup>19</sup> *Id*.

<sup>&</sup>lt;sup>20</sup> See case files and audio for the spacing and pooling hearings mentioned above.

those risks. Parties who take no risks should get no rewards. This is embodied in the Commission's pooling statute, which assigns a "risk penalty" to the parties who take no risks. The Applicants took no risks. They waited years until the Subject Wells' production showed they would benefit from a reallocation.

Meanwhile, Continental has distributed tens of millions of dollars in production revenue proceeds from the Subject Wells to the mineral interest owners of the Subject Lands, in good faith reliance on the Commission's spacing and pooling orders. Continental had no notice the Applicants might seek to reallocate millions of dollars and years of proceeds already paid. Those dollars have long since been spent by the royalty owners and other lessees that received them, and Continental cannot recoup those funds. Continental cannot be restored to its position *status quo ante*, prior to distribution of proceeds from the Subject Wells. Having slept on their rights, the Applicants' claims are barred by laches and Continental would be severely prejudiced by the delay. Therefore, the Application must be dismissed with prejudice.

### IV. Jurisdiction

#### A. Introduction

The Commission lacks jurisdiction to adjudicate disputes over allocation of production, or issue and order requiring allocation to specific parties. The Applicants' requested relief falls outside this jurisdiction. Moreover, the Commission lacks jurisdiction in the captioned matter because the Applicants failed to join indispensable parties.

### B. Applicable law – subject matter jurisdiction

This case is subject to the North Dakota Administrative Agency Practice Act ("AAPA")<sup>22</sup> and applicable Commission regulations.<sup>23</sup> Unless specifically incorporated by the AAPA, the North Dakota Rules of Civil Procedure are not applicable to the Commission's proceedings.<sup>24</sup> The Commission must hold a formal hearing whenever it "acts in a quasi-judicial capacity unless the parties either agree otherwise or there is no dispute of a material fact."<sup>25</sup> "On the filing of a petition concerning any matter within the jurisdiction of the commission, the commission must fix a date for a hearing and give notice."<sup>26</sup>

The Commission is a creature of statute and has only the authority granted to it by the legislature, or necessarily implied by a legislative grant of authority. <sup>27</sup> The Commission has "very broad, general jurisdiction and authority to regulate the production of oil and gas and the oil and gas industry in this State…" <sup>28</sup> The Commission has

<sup>23</sup> N.D.C.C. §§ 28-32-01, 38-08-11(1).

<sup>&</sup>lt;sup>21</sup> N.D.C.C. § 38-08-08(3).

<sup>&</sup>lt;sup>22</sup> N.D.C.C. ch. 28-32.

<sup>&</sup>lt;sup>24</sup> Skjonsby Truck Line, Inc. v. Elkin, 325 N.W.2d 271, 275 (N.D. 1982).

<sup>&</sup>lt;sup>25</sup> Steele v. N.D. Workmen's Comp. Bureau, 273 N.W.2d 692, 701 (N.D. 1978).

<sup>&</sup>lt;sup>26</sup> N.D.C.C. § 38-08-11(4).

<sup>&</sup>lt;sup>27</sup> First Bank of Buffalo v. Conrad, 350 N.W.2d 580, 584 (N.D. 1984).

<sup>&</sup>lt;sup>28</sup> Amerada Hess Corp. v. Furlong Oil and Minerals Co., 348 N.W.2d 913, 916 (N.D. 1984)

"comprehensive powers to regulate oil and gas development."<sup>29</sup> However, the jurisdiction of the Commission is not unlimited.<sup>30</sup> The Commission regularly dismisses applications over which it has no jurisdiction.<sup>31</sup>

General powers of the Commission are articulated in N.D.C.C. Chapter 38-08 for the Control of Gas and Oil Resources, and specific pooling powers of the Commission are delineated in N.D.C.C. §§ 38-08-04 and -08. None of these statutes authorize the Commission to resolve allocation disputes or issue orders allocating production to specific parties. The Commission has the authority to "enter an order pooling all interests in the spacing unit for the development and operations thereof."<sup>32</sup> The order must be on "terms and conditions that are just and reasonable, and that afford to the owner of each tract or interest in the spacing unit the opportunity to recover or receive, without unnecessary expense, his just and equitable share." <sup>33</sup> Although the statute mentions the term "allocated,"<sup>34</sup> it is not in the context of the Commission ordering that proceeds be allocated to particular parties, as requested by the Applicants. N.D.C.C. § 38-08-08(1). Nothing in the statute empowers the Commission to allocate proceeds from a particular well to a specific party.

Applying the cannon of statutory interpretation *expressio unius est exclusion alterius*, <sup>35</sup> the Commission lacks authority to adjudicate allocation disputes. The Legislature granted the Commission very specific authority to resolve disputes over the *costs of drilling and operating wells*, not over allocation of proceeds. <sup>36</sup> The Legislature's decision to include only the authority to resolve cost disputes must be interpreted as excluding the authority to resolve allocation disputes. Therefore, the Commission has no authority to resolve allocation disputes arising with respect to pooling orders issued pursuant to N.D.C.C. § 38-08-08.

Also applying the cannon of statutory interpretation *expressio unius est exclusion alterius* to allocation in pooling orders, the Commission also lacks authority to order that production be allocated to a particular party. When it passed the pooling statute, N.D.C.C. § 38-08-08, the Legislature did not grant the Commission oversight of allocation methodologies for spacing units established pursuant to N.D.C.C. § 38-08-07. The lack of allocation oversight in N.D.C.C. § 38-08-08 contrasts starkly with the Legislature's grant

<sup>&</sup>lt;sup>29</sup> Continental Res., Inc. v. Farrar Oil Co., 559 N.W.2d 841, 845 (N.D. 1997).

<sup>&</sup>lt;sup>30</sup> Order No. 30240 in Case No. 27791; Order No. 30283 in Case No. 27748; see also, e.g., *Schank v. North Am. Royalties, Inc.*, 201 N.W.2d 419 (N.D. 1972) (holding that the Commission has no jurisdiction to decide contractual issues).

<sup>&</sup>lt;sup>31</sup> See, e.g., Order No. 29397 in Case No. 26694

<sup>&</sup>lt;sup>32</sup> N.D.C.C. § 38-08-08(1).

 $<sup>^{33}</sup>$  Id

<sup>&</sup>lt;sup>34</sup> "That portion of the production allocated to each tract included in a spacing unit covered by a pooling order must, when produced, be deemed for all purposes to have been produced from such tract by a well drilled thereon." N.D.C.C. § 38-08-08(1).

<sup>&</sup>lt;sup>35</sup> "The mention of one thing implies the exclusion of another." *Trade 'N Post, L.L.C. v. World Duty Free Ams., Inc.*, 2001 ND 116, P20.

<sup>&</sup>lt;sup>36</sup> N.D.C.C. § 38-08-08(2).

of allocation oversight for cooperative development and unitization. The Legislature specifically empowered the Commission to oversee allocation in N.D.C.C. § 38-08-09.4, but made no mention of it in N.D.C.C. § 38-08-08. The exclusion from N.D.C.C. § 38-08-08 means that the Legislature specifically withheld allocation oversight in pooling orders under N.D.C.C. § 38-08-08. The Commission's authority is limited to affording "the owner of each tract or interest in the spacing unit the opportunity to recover or receive, without unnecessary expense, his just and equitable share." The Commission's pooling orders for the Square 2560s state "[a]II owners of interests shall recover or receive, without unnecessary expense, their just and equitable share of production from the spacing unit in the proportion as their interest may appear in the spacing unit." This is the limit of the Commission's jurisdiction, and it has exercised its jurisdiction to its limit. The Commission has no jurisdiction or authority to order allocation to a specific party for proceeds from spacing units established under N.D.C.C. § 38-08-07 and pooled under N.D.C.C. § 38-08-08.

# C. Analysis – subject matter jurisdiction.

The Applicants request, pursuant to N.D.C.C. § 38-08-08(1), that the Commission issue an order allocating production to them from an Overlapping Spacing Unit. The Applicants clearly dispute how Continental is allocating proceeds from the Subject Wells, in accordance with the Commission's pooling orders. Moreover, the statute cited by the Applicants in support of their allocation request does not contemplate multiple, overlapping spacing units or provide explicit rules for allocating or calculating production proceeds production among more than one unit. <sup>39</sup> This is an allocation dispute. As discussed above, the Commission does not have authority or jurisdiction to settle allocation disputes, only cost disputes. Therefore, the Application must be dismissed with prejudice.

The Subject Wells are in spacing units established pursuant to N.D.C.C. § 38-08-07 and pooled pursuant to N.D.C.C. § 38-08-08. They are not subject to a unitized plan of development under N.D.C.C. § 38-08-09.4. Thus, for the reasons discussed above, the Commission has no jurisdiction to issue an order allocating production from the Subject

<sup>&</sup>lt;sup>37</sup> See N.D.C.C. § 38-08-09.4. A "plan of unitization must contain fair, reasonable, and equitable provisions for... [t]he division of interest or formula for the apportionment and allocation of the unit production, among and to the several separately owned tracts within the unit area such as will reasonably permit persons otherwise entitled to share in or benefit by the production from such separately owned tracts to produce or receive, in lieu thereof, their fair, equitable, and reasonable share of the unit production or other benefits thereof. A separately owned tract's fair, equitable, and reasonable share of the unit production must be measured by the value of each such tract for oil and gas purposes and its contributing value to the unit in relation to like values of other tracts in the unit, taking into account acreage [hectarage], the quantity of oil and gas recoverable therefrom, location on structure, its probable productivity of oil and gas in the absence of unit operations, the burden of operation to which the tract will or is likely to be subjected, or so many of said factors, or such other pertinent engineering, geological, or operating factors, as may be reasonably susceptible of determination. Unit production as that term is used in sections 38-08-09.1 through 38-08-09.16 means and includes all oil and gas produced from a unit area from and after the effective date of the order of the commission creating the unit regardless of the well or tract within the unit area from which the same is produced."

<sup>&</sup>lt;sup>38</sup> Order Nos. 29871 and 27731.

<sup>&</sup>lt;sup>39</sup> *Dominek*, 982 N.W.2d at 310.

Wells to the Applicants. Its only authority is to afford "the owner of each tract or interest in the spacing unit the opportunity to recover or receive, without unnecessary expense, his just and equitable share." This authority was exercised by ordering that "[a]II owners of interests shall recover or receive, without unnecessary expense, their just and equitable share of production from the spacing unit in the proportion as their interest may appear in the spacing unit." It has no authority to take further allocation steps and allocate proceeds from the Subject Wells to the Applicants. Therefore, the Application requests relief outside the Commission's jurisdiction, and must be dismissed with prejudice.

# D. Applicable law – indispensable parties

For adjudicative proceedings involving a hearing on a complaint against a specific-named respondent, the respondent must be served a copy of the complaint at least 45 days before the hearing, and a copy of the notice of hearing at least 20 days before the hearing. At any hearing in an adjudicative proceeding, the parties shall be afforded opportunity to present evidence and to examine and cross-examine witnesses as is permitted under sections 28-32-24 and 28-32-35. Who is entitled to "party" status in an administrative proceeding is not clearly defined under North Dakota Law. However, the North Dakota Supreme Court has defined "party" status for purposes of appealing any agency decision. Those persons include anyone "who is directly interested in the proceedings before an administrative agency who may be factually aggrieved by the decision of the agency, and who participates in the proceeding before such agency... "43"

Due process in an administrative agency hearing requires notice to potentially affected individuals<sup>44</sup> along with "notice of a hearing and of the general nature of the issues to be heard and an opportunity to prepare."<sup>45</sup>

### E. Analysis – failure to join indispensable parties

If the Commission issues a substantive order in this case, it will affect the interests of all mineral interest owners in the Subject Lands. A Commission denial of the Application will maintain the status quo. All mineral interest owners in the North Square 2560 will be unable to challenge allocation from the South Square 2560 due to the law of the case, even though they will not be able to participate in the hearing for lack of notice. If granted, the Commission will dilute all mineral interest owners in the South Square 2560. Consequently, all owners (working interest, royalty, overriding royalties, and others) are indispensable parties to the Application. The Application is not a routine spacing or pooling application. It is a complaint, which must name all interest owners in the Subject Lands as respondents, and otherwise comply with N.D.C.C. § 28-32-21 pursuant to

<sup>&</sup>lt;sup>40</sup> Order Nos. 29871 and 27731.

<sup>&</sup>lt;sup>41</sup> N.D. Cent. Code, § 28-32-21; N.D.A.C. § 43-02-03-90.

<sup>&</sup>lt;sup>42</sup> *Id*.

<sup>43</sup> In re Bank of Rhame, 231 N.W.2d 801, 808

<sup>&</sup>lt;sup>44</sup> Morris v. Public Service Commission, 7 Utah 167, 321 P.2d 644 (1958), cited by Hentz Truck Line v. Elkin, 294 N.W.2d 774, 780.

<sup>&</sup>lt;sup>45</sup> In Interest of L., 239 N.W.2d 289, 295.

N.D.A.C. § 43-02-03-90. Mere publication notice is woefully insufficient for the Application's requests to reallocate proceeds from producing wells, thereby directly diminishing proceeds flowing to owners in the Southern Square 2560.

As discussed above, a significant problem with the Application is the complete failure to follow any statute, rule or procedure for applications to the Commission. It is an ultra vires<sup>46</sup> application. As such, there are no established procedures for notice to parties directly and adversely affected, as exist for similar applications, such as location exception applications.<sup>47</sup> If the Commission entertains the Application, despite the clear lack of authority therefor, the Commission must protect due process. This requires a copy of the Application and notice of hearing be sent to all the owners of oil and gas interests in the Southern Square 2560, who will be directly and adversely impacted if the Application is approved. Meanwhile, the Commission should dismiss the Application, because Applicant did not provide notice to indispensable parties, those who will be adversely affected by the Commission's order in this matter.

## V. Failure to State a Claim

#### A. Introduction

The Application fails to state a claim for which relief can be granted. The Applicants requested "that the Commission order that production from the [Subject Wells] be allocated to them based on their interest in the Underlying Spacing Unit as required by N.D.C.C. § 38-08-08(1)... and to protect their correlative rights." While this might potentially be interpreted as a "claim" there is no relief available. No statute or Commission rule addresses the relief requested by the Applicants. The Commission is not a court, with judicial authority to award damages, compensation, and equitable relief. Even if the Applicants' request were to be liberally construed as a request for pooling orders, that relief is unnecessary and cannot be granted as the units have already been pooled.<sup>48</sup>

### B. Applicable law – motion to dismiss for failure to state a claim

The Commission must hold a formal hearing whenever it "acts in a quasi-judicial capacity unless the parties either agree otherwise or there is no dispute of a material facts." <sup>49</sup> The Commission routinely dismisses applications when, among other circumstances: (i) applicants request relief that is unnecessary, (ii) applicants request relief that cannot be granted, (iii) applicants fail to state a ripe claim, or (iv) there is no dispute of material facts. <sup>50</sup> When an applicant requests relief beyond the Commission's

<sup>&</sup>lt;sup>46</sup> Beyond the power allowed by statute. *Wolgin v. Simon*, 722 F.2d 389, 393 (8<sup>th</sup> Cir. 1983).

<sup>&</sup>lt;sup>47</sup> N.D.A.C. § 43-02-03-18.1.

<sup>&</sup>lt;sup>48</sup> Order Nos. 29871 and 14262.

<sup>&</sup>lt;sup>49</sup> Steele, 273 N.W.2d at 701 (N.D. 1978).

<sup>&</sup>lt;sup>50</sup> Order No. 24994 in Case No. 22659; Order No. 30283 in Case No. 27748; Order No. 29397 in Case No. 26694.

jurisdiction, or for which a hearing is unnecessary, the Commission dismisses the application to avoid wasting the time and resources of the parties and the Commission.<sup>51</sup>

# C. Analysis – no legal support for Application

The Applicants allege mineral interest ownership in the Northern Square 2560, and that the Southern Subject Wells are located in the Square 2560. This is very similar to the factual situation at issue in *Dominek*, except that in *Dominek*, the mineral owners' interests were *inside* the overlapping spacing unit, and the mineral owners wanted proceeds distributed only to owners of interests in that spacing unit.<sup>52</sup> The Applicants argue the opposite of the mineral owners in the *Dominek* case; they assert that they should be paid for production from the Subject Wells, which are in the Southern Square 2560, despite their interests being located outside the Southern Square 2560.

The only statutory or regulatory authority that the Applicants offer to support their request for relief is N.D.C.C. § 38-08-08(1). However, the North Dakota Supreme Court expressly ruled in *Dominek* that this statute does not require allocation of proceeds to lands outside the overlapping spacing unit. The Court's holding in *Dominek* directly contradicts the Applicants' request for relief under N.D.C.C. § 38-08-08(1). The Applicants offer no other statutory or regulatory provision on which relief can be granted. While the Applicants allege that they are not receiving proceeds from the Subject Wells, which might be construed as a claim pursuant to N.D.R.Civ.P. 8(a), it is not a claim on which relief can be granted. The statute cited by the Applicants (N.D.C.C. § 38-08-08(1)) does not support the Applicants' request for relief, the Applicants offer no other legal support for their request for relief, and no such support exists. Therefore, the Application must be dismissed with prejudice.

# D. Analysis – Application is unnecessary

The only specific relief Applicants request is for an allocation of production proceeds from wells in a spacing unit. As discussed above, the Commission only has the authority to allocate proceeds from wells in a spacing unit by issuing a pooling order. So, the Applicants' request for allocation is, de facto, a request for pooling orders. All spacing units in the Subject Lands (including the Square 2560s in which the Subject Wells are permitted) have been pooled by order of the Commission. The Applicants' only other request for relief is for protection of correlative rights, which is a general request and, in

<sup>&</sup>lt;sup>51</sup> Order No. 24994, Case No. 22659 ("The Commission routinely dismisses applications when there is no specific request for relief or the relief is unnecessary..."); Order No. 28315 in Case No. 25900 ("Since the Commission does not have jurisdiction over the relief that has been requested in the application, further hearing is unnecessary and would result in a waste of time and resources for both the parties and the Commission."); Order No. 29396 in Case No. 26693 (dismissing an application because "the Commission finds that this case does not present a dispute of material facts; and the Commission either does not have jurisdiction over [applicant's] requests or the claims are not ripe for adjudication.").

<sup>&</sup>lt;sup>52</sup> *Dominek*, 982 N.W.2d 303.

<sup>&</sup>lt;sup>53</sup> *Dominek*, 982 N.W.2d at 310.

<sup>&</sup>lt;sup>54</sup> *Id*.

any case, accomplished by virtue of the spacing units that are already established.<sup>55</sup> Thus, the Applicants' sole requests for relief are (i) non-specific, and (ii) for orders that already exist. "The Commission routinely dismisses applications when there is no specific request for relief or the relief is unnecessary..." The Applicants' only requested relief is for pooling orders, which already exist. The Applicants' request is unnecessary and must be dismissed with prejudice.

# VI. <u>Justiciability</u>

The Commission should dismiss the Application because it involves a nonjusticiable political question and does not present a case or controversy.

# A. Applicable law and analysis – political question doctrine

The Applicants' request to allocate production concerns a political question most appropriate for the legislature, not the Commission, to decide. "The nonjusticiability of a political question is primarily a function of the separation of powers." A nonjusticiable political question exists where (among other issues) "the impossibility of deciding without an initial policy determination of a kind clearly for nonjudicial discretion;... or the impossibility of a court's undertaking independent resolution without expressing lack of the respect due coordinate branches of government." <sup>58</sup>

A determination from the Commission on this Application would risk establishing an allocation method for the entire state, based on the limited context of one application. The Application involves only one Operator and a handful of mineral interest owners, yet the outcome will affect hundreds of companies and tens of thousands of individuals. Those parties will have no input or opportunity to participate in the decision. Due process requires "the promotion of participation and dialogue by affected individuals in the decision-making process," but in this case, numerous parties will be affected with no opportunity to be heard. <sup>59</sup> The issues presented by the Application are not appropriate for the narrow context of a single application. They are issues for the legislature to consider, and resolve with proper consideration for all stakeholders, not just the parties to this Application. Therefore, the Application should be dismissed with prejudice.

# B. Applicable law and analysis – no case or controversy

The Commission must hold a formal hearing whenever it "acts in a quasi-judicial capacity unless the parties either agree otherwise or there is no dispute of a material fact." <sup>60</sup> The Application does not present any dispute of material fact. There is no justiciable case or controversy that is within the Commission's authority or jurisdiction. As

<sup>&</sup>lt;sup>55</sup> See N.D.C.C. § 38-08-07.1., "The Commission is authorized and required to establish spacing units "[w]hen necessary to prevent waste, to avoid the drilling of unnecessary wells, or to protect correlative rights..."

<sup>&</sup>lt;sup>56</sup> Order No. 24994, Case No. 22659.

<sup>&</sup>lt;sup>57</sup> Baker v. Carr, 369 U.S. 186, 210, 82 S. Ct. 691, 706 (1962).

<sup>&</sup>lt;sup>58</sup> *Id.*, at 217.

<sup>&</sup>lt;sup>59</sup> Marshall v. Jerrico, Inc., 446 U.S. 238, 242, 100 S. Ct. 1610, 1613 (1980).

<sup>&</sup>lt;sup>60</sup> Steele v. N.D. Workmen's Comp. Bureau, 273 N.W.2d 692, 701 (N.D. 1978).

discussed above, the Commission lacks the specific statutory authority, and thus the jurisdiction, to resolve allocation disputes or issue orders requiring allocation to specific parties. The Commission has issued pooling orders and has no authority to resolve disputes related to those orders, except as to costs of drilling and completion. There is no controversy over such costs, and therefore no case or controversy that can be resolved by any act within the Commission's jurisdiction. Therefore, the Commission should dismiss the Application with prejudice because it presents no case or controversy that can be adjudicated by the Commission.

# I. Conclusion

For the reasons stated above, Continental respectfully requests the Commission grant its Motion, dismiss the Application of the Applicants, and grant such other and further relief as the Commission deems appropriate or necessary.

Dated: December 4, 2023.

James Parrot (ND Bar No. 07007)

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Counsel for Continental Resources, Inc.

# **CERTIFICATE OF SERVICE**

The undersigned certifies that a true and correct copy of the foregoing MOTION TO DISMISS has been served via email, in the above-captioned matter on this 4th day of December, 2023, as follows:

North Dakota Industrial Commission Attn: Oil and Gas Division 600 E. Boulevard Avenue, Dept. 474 Bismarck, ND 58505-0614 oilandgasinfo@nd.gov

Joshua A. Swanson Vogel Law Firm 218 NP Avenue P.O. Box 1389 Fargo, ND 58107-1389 jswanson@vogellaw.com Attorney for Andress Sandefer

James P. Parrot

From: <u>Tracy Peterson</u>
To: <u>Forsberg, Sara L.</u>

Cc: <u>Joshua A. Swanson; James Parrot; Jake Haseman; Brooke Hardt</u>

**Subject:** Case No. 30604

**Date:** Monday, December 4, 2023 12:57:31 PM

Attachments: NDIC Case No. 30604 - Objection of Continental.pdf

\*\*\*\*\* **CAUTION:** This email originated from an outside source. Do not click links or open

attachments unless you know they are safe. \*\*\*\*\*

Hi Sara,

Attached for filing is a pdf of a Notice of Intent to Participate by Telephone and Objection of Continental Resources, Inc.

Thanks.

Tracy

Tracy L. Peterson | Legal Assistant Beatty & Wozniak, P.C.

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# **BEFORE THE INDUSTRIAL COMMISSION** OF THE STATE OF NORTH DAKOTA

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP, Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSL1 (File No. 38533) section line wells based on their interests in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

Case No. 30604

# Notice of Intent to Participate by Telephone and Objection of Continental Resources, Inc.

COMES NOW, Continental Resources, Inc. ("Continental"), by and through its attorneys, Beatty & Wozniak, P.C., and hereby notifies Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP, Tejon Exploration, Inc., Randa K. Upp, and David Halbert and the North Dakota Industrial Commission that: (i) it is an interested party in the captioned matter. (ii) it intends to object to, and participate in, the captioned matter by telephone from 405-234-9000 pursuant to NDAC § 43-02-03-88.2, and (iii) Continental will be represented by the undersigned in the captioned matter.

Dated this 4th day of December, 2023.

Continental Resources, Inc.

By:

James R. Parrot (ID 07007) Beatty & Wozniak, P.C. 1675 Broadway, Suite 600

Denver, CO 80202

Telephone: 303-404-4499

Email: jparrot@bwenergylaw.com

#### **CERTIFICATE OF SERVICE**

I hereby certify that on December 4, 2023, a true and correct copy of Continental Resources, Inc.'s Notice of Intent to Participate by Telephone and Objection was served via electronic mail upon the following:

North Dakota Oil and Gas Division slforsberg@nd.gov

Joshua A. Swanson Vogel Law Firm jswanson@vogellaw.com

From: Joshua A. Swanson
To: Forsberg, Sara L.

Subject: RE: Application of Andress et all Date: Tuesday, November 14, 2023 1:53:14 PM

Attachments: image006.png

VOGEL-#5206520-v2-NDIC - Section Line Well Application (Final).DOCX

Andress Sandefer NDIC Application.pdf VOGEL-#5204325-v1-Application Exhibit A.PDF

\*\*\*\*\* **CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe. \*\*\*\*\*

Sara,

Please see attached. I included a word and PDF version, along with the Exhibit A, that's referenced in the Application. The caption has been changed to include the additional parties. I dated the attached with today's date as well.

If you have any questions, please let me know.

Joshua A. Swanson | Attorney T: 701.237.6983 | F: 701.356.6395 vogellaw.com | jswanson@vogellaw.com

From: Forsberg, Sara L. <slforsberg@nd.gov>
Sent: Tuesday, November 14, 2023 9:17 AM
To: Joshua A. Swanson <jswanson@vogellaw.com>

Subject: RE: Application of Andress et all

Also, could you please add in the File Nos, County and Field. Here is how I did it:

Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, and Robert "Bob" Fulwiler to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSL1 (File No. 38533) section line wells based on their interests in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field.

From: Joshua A. Swanson < <u>iswanson@vogellaw.com</u>>

**Sent:** Tuesday, November 14, 2023 8:53 AM **To:** Forsberg, Sara L. <<u>slforsberg@nd.gov</u>> **Subject:** RE: Application of Andress et all

\*\*\*\*\* **CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe. \*\*\*\*\*

Hey Sara, good morning, hope all is well. Apologies for taking a few days to reply. My kid's daycare was closed for Veterans Day on Friday, so I was home with them. Then yesterday was playing catch-up from being gone on Friday.

The contact info you can use for the clients, per your voicemail, is Thurmon Andress. His email is

#### thurmon.andress@gmail.com.

As far as the caption, here's what we have on the application we filed:

APPLICATION OF THURMON ANDRESS, MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, AND ROBERT "BOB" FULWILER TO CONSIDER THE ALLOCATION OF PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL AND WHITMAN FIU 13-34HSL1 SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT CONSISTING OF SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2, TOWNSHIP 146 NORTH, RANGE 96 WEST

Since filing our application, several other mineral owners that own minerals in the same sections as Andress et al. have hired me with the exact same claim. Those individuals are: McTan Holdings, LP, Tejon Exploration, Inc., Randa K. Upp, and David S. Halbert. Does the Commission need a motion to amend to change the caption?

APPLICATION OF THURMON ANDRESS, MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, ROBERT "BOB" FULWILER, MCTAN HOLDINGS, LP, TEJON EXPLORATION, INC., RANDA K. UPP, AND DAVID HALBERT, TO CONSIDER THE ALLOCATION OF PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL AND WHITMAN FIU 13-34HSL1 SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT CONSISTING OF SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2, TOWNSHIP 146 NORTH, RANGE 96 WEST

I've highlighted the new members.

I'm glad to file an Amended Application, as well. It does not change any of the claims or substance of the same. All it would do is add McTan Holdings, LP, Tejon Exploration, Inc., Randa K. Upp, and David Halbert as parties who also own minerals in the same sections, and are bringing the same claims regarding the overlapping and underlying unit as the Andress et al. group.

Any questions let me know.

Joshua A. Swanson | Attorney
T: 701.237.6983 | F: 701.356.6395
vogellaw.com | jswanson@vogellaw.com

From: Forsberg, Sara L. <<u>slforsberg@nd.gov</u>> Sent: Friday, November 10, 2023 4:55 PM

To: Joshua A. Swanson < iswanson@vogellaw.com >

Subject: Application of Andress et all

Hi Josh,

Can you please send me the caption for this application. I have looked through my emails and can't find it. So instead of me retyping the entire thing, and possibly making a mistake, figure it's probably easier for you to copy and paste it into an email..

Thanks Josh!

# Sara Forsberg

Administrative Assistant, Oil and Gas Division 701.328.8020 • slforsberg@nd.gov • www.dmr.nd.gov N O R T H



Be Legendary.\*
701.328.8020 • 600 E Boulevard Ave Dept. 474 • Bismarck, ND 58505

# BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

APPLICATION OF THURMON ANDRESS,	Case No.:
MELISSA SANDEFER, JULIE SANDEFER,	
LISA SANDEFER, THOMAS THOMPSON,	
ROBERT "BOB" FULWILER, MCTAN	A DDI ICATION
HOLDINGS, LP, TEJON EXPLORATION,	APPLICATION
INC., RANDA K. UPP, AND DAVID	
HALBERT, TO CONSIDER THE	
ALLOCATION OF PRODUCTION	
ATTRIBUTABLE TO THEM FROM THE	
CARSON PEAK 4-35HSL (FILE NO. 35272)	
AND WHITMAN FIU 13-34HSL1 (FILE NO.	
38533) SECTION LINE WELLS BASED ON	
THEIR INTERESTS IN THE UNDERLYING	
SPACING UNIT CONSISTING OF	
SECTIONS 23, 26, AND 35, TOWNSHIP 147	
NORTH, RANGE 96 WEST AND SECTION 2,	
TOWNSHIP 146 NORTH, RANGE 96 WEST,	
DUNN COUNTY, NORTH DAKOTA, IN THE	
OAKDALE FIELD	

# APPLICATION OF THURMON ANDRESS, MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, ROBERT "BOB" FULWILER, MCTAN HOLDINGS, LP, TEJON EXPLORATION, INC., RANDA K. UPP, AND DAVID HALBERT

COMES NOW, Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, Robert "Bob" Fulwiler, McTan Holdings, LP, Tejon Exploration, Inc., Randa K. Upp, and David S. Halbert (collectively, "Andress Sandefer"), for their application to the North Dakota Industrial Commission (the "Commission"), pursuant to N.D.A.C. § 43-02-03-88, respectfully states as follows:

[¶1] Andress Sandefer own minerals located in Dunn County, specifically, in Sections 22, 23, 26, and 27, Township 147 North, Range 96 West (the "Subject Lands").

- [¶2] The Subject Lands are within an area defined by the Commission as the field boundaries for the Oakdale Field and vertically covering the accumulation of oil and gas defined by the Commission as the Oakdale-Bakken Pool.
- [¶3] The Subject Lands are shown in <u>Figure 1</u> in relation to their location in the Oakdale Field.

15 Section(s) Field **Tract Name** 15 Bear Creek Summerfield 21/28 Cedar Coulee Carus 22 / 27 22 23 Oakdale Hawkinson 21 24 23/26 Oakdale Morris 24 / 25 Corral Creek Brandvik 36/1 Corral Creek State Weydahl 27 28 26 25 35 / 2 Oakdale Carson Peak 34 / 3 Whitman Oakdale 33/4 Cedar Coulee Bang 33 34 35 36 T147N R96W T147N R95W T146N R95W 146N R96W

3

4

2

Figure 1: Subject Lands in Relation to Oakdale Field

[¶4] A portion of Andress Sandefer's interests in the Subject Lands are in the "Underlying Spacing Unit," which consists of Sections 23, 26, and 35, Township 147 North, Range 96 West and Section 2, Township 146 North, Range 96 West. These four sections comprise what is commonly referred to as a "standup 2560" because the four sections are oriented in a north-south direction and comprise 2,560-acres, more or less.

= Oakdale Field boundary

[¶5] Part of the Underlying Spacing Unit, specifically, the south half of the standup 2560, is also within an "Overlapping Spacing Unit" where there is production from the Carson Peak 4-

35HSL well, NDIC #35272, (the "Carson Peak 4 Well") and the Whitman FIU 13-34HSL1 well, NDIC #38533, (the "Whitman FIU 13 Well"). Both the Carson Peak 4 Well and the Whitman FIU 13 Well are section line wells operated by Continental Resources, Inc. ("Continental").

[¶6] The Overlapping Spacing Unit contains 2,560 acres, more or less, but instead of being oriented in either a "standup 2560" (i.e., four sections aligned due north-south) or "laydown 2560" (i.e., four sections aligned due east-west), the Overlapping Spacing Unit is a "square 2560", i.e., the four sections are aligned two sections north-south by two sections east-west. [¶7] The Overlapping Spacing Unit consists of Sections 34 and 35, Township 147 North, Range 96 West and Sections 2 and 3, Township 146 North, Range 96 West.

[¶8] As shown in <u>Figure 2</u>, Sections 35 and 2 are in both the Overlapping Spacing Unit and Underlying Spacing Unit. Continental operates all the wells in the Oakdale Field.

Figure 2: Carson Peak 4 Well and Whitman FIU 13 Well relative to Spacing Units

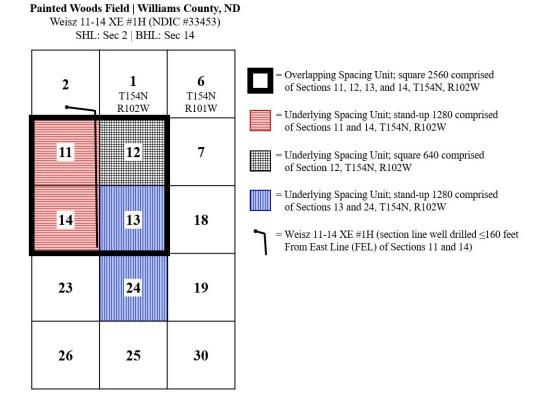
Oakdale Field | Dunn County, ND Carson Peak 4-35HSL (NDIC #35272) SHL: Sec 26 | BHL: Sec 2

Whitman FIU 13-34HSL1 (NDIC #38533) SHL: Sec 34 | BHL: Sec 3 Oakdale Field is comprised of eight sections: 21 22 23 24 Sections 22, 23, 26, 27, 34, and 35, T147N, R96W and Sections 2 and 3, T146N, R96W Underlying Spacing Unit; stand-up 2560 comprised of Sections 23, 26, and 35, T147N, R96W and Section 2, T146N, R96W 27 28 26 25 Overlapping Spacing Unit; square 2560 comprised of Sections 34 and 35, T147N, R96W and Sections 2 and 3, T146N, R96W Sections 35 and 2 are part of both the stand-up 2560 36 34 35 33 Underlying Spacing Unit and square 2560 Overlapping T147N Spacing Unit R96W = Carson Peak 4-35HSL (section line well drilled ~220 feet From West Line (FWL) of Sections 35 and 2) T146N R96W = Whitman FIU 13-34HSL1 (section line well drilled ~220 feet 3 2 4 1 From East Line (FEL) of Sections 34 and 3)

[¶9] When Continental created its square 2560 Overlapping Spacing Unit, Continental ignored that Andress Sandefer's interests in the Subject Lands contributed to the Underlying Spacing Unit. As such, the exclusion of Andress Sandefer in the Carson Peak 4 Well and the Whitman FIU 13 Well is a confiscation of their interests within the Underlying Spacing Unit, violates N.D.C.C. § 38-08-08(1), and violates Andress Sandefer's correlative rights.

[¶10] Andress Sandefer's claim – that N.D.C.C. § 38-08-08(1) requires that production from the Overlapping Spacing Unit via the Carson Peak 4 Well and the Whitman FIU 13 Well be allocated across the Underlying Spacing Unit – mirrors the position taken by the Commission before the North Dakota Supreme Court in <u>Dominek v. Equinor Energy L.P.</u>, 2022 ND 211, 982 N.W.2d 303 (Case No. 20220088). In <u>Dominek</u>, the Commission filed a Brief of Amicus Curiae (the "Commission Brief"). A copy of the Commission Brief is attached at <u>Exhibit A</u>.

Figure 3: Dominek v. Equinor Spacing Units



[¶11] In <u>Dominek</u>, the Commission interpreted North Dakota law, specifically, N.D.C.C. § 38-08-08(1), to require production from an overlapping spacing unit be allocated across the underlying spacing unit as shown in <u>Figure 3</u>. <u>See Commission Brief</u> at ¶¶ 15 – 30. The Commission wrote in its brief that: "The Commission interprets N.D.C.C. § 38-08-08(1) to require a proportionate amount of any production allocated to Section 13, to be allocated to Section 24 so long as the Underlying Unit Order has not been terminated." The Commission further noted:

The purpose of these overlapping spacing units is to allow for the drilling of a lease-line well that otherwise would not be possible due to drilling setbacks. Concerns arose that the purpose of the overlapping spacing unit could be inverted and production from all wells in underlying spacing units could be allocated to various sections via the overlapping spacing unit. Case No. 12717 addressed those concerns and the Commission adopted the language it now uses in its orders to ensure that production from an overlapping unit can be allocated to underlying units without introducing a daisy chain effect that would allocate production from the underlying spacing unit throughout the overlapping spacing unit.

# Commission Brief at ¶ 20.

[¶12] The Commission also explained to the Supreme Court that, under North Dakota law, allocation of production from an overlapping spacing unit across the underlying spacing unit protected correlative rights and prevented waste.

In the Overlapping Unit Order, the Commission considered the potential waste that would arise from denying the application for a lease-line horizontal well against the correlative rights of all mineral interest owners. The Commission's findings in the Overlapping Unit Order were based on its reasonable interpretation of N.D.C.C. § 38-08-08(1) that production from the Overlapping Spacing Unit would be treated as if it had been produced in each respective Section and be allocated in accordance with the Underlying Unit Order.

The Commission believes a lease-line horizontal well in an overlapping lease-line spacing unit will recover oil from lands within the setback area of the underlying base spacing units. Without the lease-line horizontal well, the oil would be recovered less efficiently or not at all by the horizontal wells in the base spacing units; therefore, all pooled interest owners within the base spacing units should receive their equitable share

of that oil, not just the interest owners in the sections located within the overlapping lease-line spacing unit but all interest owners in horizontal wells in the base spacing units.

The Commission also believes the lease-line horizontal well may cause positive or negative impacts to all wells in base spacing units shared by all interest owners within the base spacing units; therefore, the Commission believes all pooled owners within the base spacing units should be compensated, not just the interest owners in the sections located within the overlapping lease-line spacing unit.

Looking at the facts in this case, it is apparent to the Commission from the position of the wells, base spacing units, and overlapping spacing unit that the lease-line well (well 33453) in the center of the 2560-acre spacing unit will affect production in well 21499 as well as other wells in Sections 13 and 24. The owners of the southern half of well 21499 (Section 24) that lies outside the overlapping spacing unit, will be affected equally to the owners of the northern half of well 21499 (Section 13). All 1280 wells drilled in sections 13 & 24 base spacing units will be affected by well 33453. In other words, since both negative and positive impacts on Section 13 are shared by Section 24 the allocation from well 33453 should be shared as well.

The Commission granted the Overlapping Spacing Unit after finding it would prevent waste and protect correlative rights, including the rights of owners in Section 24. If production from the lease-line well is not allocated to Section 24, Section 24's correlative rights would be harmed. Section 13 would receive all benefits of the lease-line well while Section 24 suffers all of the harm it could cause to production of adjacent wells in the underlying spacing unit.

### Commission Brief at $\P$ ¶ 23 – 27.

[¶13] Just like the Section 24 owners in <u>Dominek</u>, a portion of Andress Sandefer's Subject Lands were unitized in order to create the standup 2560 Underlying Spacing Unit, as shown in <u>Figure 2</u>. However, unlike Equinor Energy, and contrary to the Commission's interpretation of North Dakota law in <u>Dominek</u>, Continental is not crediting Andress Sandefer with its share of production from either the Carson Peak 4 Well or Whitman FIU 13 Well, both section line wells, based on Andress Sandefer's interest in the Underlying Spacing Unit in violation of N.D.C.C. § 38-08-08(1).

[¶14] Continental's failure to credit Andress Sandefer with their share of production from

either the Carson Peak 4 Well or Whitman FIU 13 Well, based on their interest in the

Underlying Spacing Unit, harms and violates Andress Sandefer's correlative rights. Further,

it is not just or equitable if mineral owners similarly situated as those in Section 24 in Dominek.

like Andress Sandefer with respect to the Subject Lands and Underlying Spacing Unit, are

effectively cut-out of receiving their share of revenue for production of oil and gas from wells

in an Overlapping Spacing Unit draining the reserves in their Underlying Spacing Units.

[¶15] Andress Sandefer requests that the Commission order that production from the Carson

Peak 4 Well and the Whitman FIU 13 Well, both section line wells, be allocated to them based

on their interest in the Underlying Spacing Unit as required by N.D.C.C. § 38-08-08(1), and

consistent with the Commission's interpretation of North Dakota law in Dominek, and to

protect their correlative rights.

WHEREFORE, Andress Sandefer requests the following:

(a) That this matter be set for hearing in December 2023 before the Commission; and

(b) That the Commission issue its order granting the relief requested and such other and

further relief as the Commission may deem appropriate.

Dated this 14th day of November, 2023.

VOGEL LAW FIRM

/s/ Joshua A. Swanson

BY: Joshua A. Swanson (#06788)

218 NP Avenue

PO Box 1389

Fargo, ND 58107-1389

Telephone: 701.237.6983

Email: <u>iswanson@vogellaw.com</u>

ATTORNEYS FOR PETITIONERS

7

#### IN THE SUPREME COURT

#### STATE OF NORTH DAKOTA

EXHIBIT A

Allen Dominek and Arlen Dominek,

Plaintiffs/Appellants,

v.

Equinor Energy L.P., f/k/a and a/k/a Brigham Oil & Gas L.P. and Statoil Oil and Gas L.P.; and Grayson Mill Williston, LLC,

Defendants/Appellees.

**Supreme Ct. No. 20220088** 

U.S. District Court No. 1:19-cv-288

# BRIEF OF AMICUS CURIAE NORTH DAKOTA INDUSTRIAL COMMISSION IN SUPPORT OF DEFENDANTS/APPELLEES

State of North Dakota Drew H. Wrigley Attorney General

By: Steven B. Nelson

Assistant Attorney General State Bar ID No. 09212 Office of Attorney General 500 North 9<sup>th</sup> Street

Bismarck, ND 58501-4509 Telephone (701) 328-3640 Facsimile (701) 328-4300 Email <u>stnelson@nd.gov</u>

Attorneys for Amicus Curiae North Dakota Industrial Commission.

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The Commission's practice has been to allow lease-line wells to be drilled on common spacing unit boundaries with overlapping spacing units	В.
The federal government has considered and approved the Commission's practice	C.
	Argument
The Commission created an overlapping spacing unit and production from overlapping spacing units is allocated across the underlying spacing unit	A.
Allocation of production from the Overlapping Spacing Unit across the Underlying Spacing Unit protects correlative rights and prevents waste	В.
The District Court's certified questions should be answered as follows:	C.
tion 1: Does the relevant portion of Section 38-08-08(1) of the North ta Century Code require the allocation of production from Section the Overlapping Spacing Unit to Section 24 of the Underlying mg Unit? "Operations incident to the drilling of a well upon any on of a spacing unit covered by a pooling order must be deemed, for rposes, the conduct of such operations upon each separately owned in the drilling unit by the several owners thereof. That portion of the action allocated to each tract included in a spacing unit covered by a mg order must, when produced, be deemed for all purposes to have produced from such tract by a well drilled thereon."	Dako 13 of Spaci portic all pu tract i produ pooli

•	Question 2: Does the following language from Industrial Commission pooling orders Nos. 27791 and 18082 require the allocation of production from Section 13 of the Overlapping Spacing Unit to Section 24 of the Underlying Spacing Unit? "All owners of interests shall recover or receive, without unnecessary expense, their just and equitable share of production from the spacing unit in the proportion as their interest may appear in the spacing unit."
	Question 3: Does the following language from Industrial Commission pooling orders Nos. 27791 and 18082 prohibit or prevent the allocation of production from Section 13 of the Overlapping Spacing Unit to Section 24 of the Underlying Spacing Unit? "All owners of interests shall recover or receive, without unnecessary expense, their just and equitable share of production from the spacing unit in the proportion as their interest may appear in the spacing unit."
	Question 4: Does the following language from Industrial Commission pooling order No. 27791 require the allocation of production from Section 13 of the Overlapping Spacing Unit to Section 24 of the Underlying Spacing Unit or other spacing units which overlap? "This order is limited to pooling the spacing unit described above for the development and operation of such spacing unit by the horizontal well(s) authorized for such spacing unit by order of the Commission. This order does not modify, amend or alter previous pooling orders for other spacing units or require the reallocation of production allocated to separately owned tracts within any spacing unit by any existing pooling orders or any pooling agreements."
	Question 5: Does the following language from Industrial Commission pooling order No. 27791 prohibit or prevent the allocation of production from Section 13 of the Overlapping Spacing Unit to Section 24 of the Underlying Spacing Unit or other spacing units which overlap? "This order is limited to pooling the spacing unit described above for the development and operation of such spacing unit by the horizontal well(s) authorized for such spacing unit by order of the Commission. This order does not modify, amend or alter previous pooling orders for other spacing units or require the reallocation of production allocated to separately owned tracts within any spacing unit by any existing pooling orders or any pooling agreements."
34	Conclusion

# **TABLE OF AUTHORITIES**

Cases	Paragraph(s)
Black Hills Trucking, Inc. v. N.D. Indus. Comm'n, 2017 ND 284, 904 N.W.2d 326	7
Egeland v. Cont'l Res., Inc., 2000 ND 169, 616 N.W.2d 861	5
Env't. Driven Sols., LLC v. Dunn Cnty., 2017 N.D. 45, 890 N.W.2d 841	5
Indus. Contractors, Inc. v. Taylor, 2017 ND 183, 899 N.W.2d 680	7
Langved v. Cont'l Res., Inc., 2017 ND 179, 899 N.W.2d 267	5
Minn-Kota Ag Prod., Inc. v. N.D. Pub. Serv. Comm'n, 2020 ND 12, 938 N.W.2d 118	7
Horob v. Zavanna, LLC, 2016 ND 168, 883 N.W.2d 855 Statutes	12
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N.D.C.C. § 38-08-04(c)	6
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N.D.C.C. § 38-08-07(1)	6, 22
N.D.C.C. § 38-08-086,	11, 13, 15, 21, 29, 30
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N.D.R.App.P. 29	1
N.D.R.App.P. 29(a)(D)	4

# **Other Authorities**

1 B.	Kramer	& P. Martin,	The Law	of Pooling	g and Unitize	ation (3rd	ed. 2015	)	.12
Adiu	ıdicating	Overlapping	. Commu	nitization A	Agreements.	WO PIM	2018-01	2	.12

#### INTRODUCTION AND INTEREST OF AMICUS CURIAE

- [¶1] Pursuant to Rule 29 of the North Dakota Rules of Appellate Procedure, the North Dakota Industrial Commission ("Commission") respectfully submits this brief as amicus curiae in support of the position taken by Defendants-Appellees Equinor Energy L.P., f/k/a and a/k/a Brigham Oil & Gas L.P. and Statoil Oil and Gas L.P.; and Grayson Mill Williston, LLC ("Appellees"). The Commission's brief addresses the interpretation of N.D.C.C. § 38-08, the Commission's policy and practice regarding pooling in overlapping spacing units, and the Commission's authority to make an order creating such an overlapping spacing unit.
- [¶2] The Commission is the regulatory agency charged with regulating oil and gas development in North Dakota. The Commission is interested in this case because Plaintiff-Appellants Allen Dominek and Arlen Dominek ("Appellants") challenge the Commission's statutory authority and practices regarding overlapping spacing units. Appellants' position would adversely affect mineral interest owners across the oil and gas industry and directly contradict the Commission's current practice. The Commission would be left without the ability to protect correlative rights in cases where it allows the drilling of lease-line wells involving overlapping spacing units.
- [¶3] An amicus brief is desirable in this matter because the Commission has beneficial expertise and knowledge regarding the regulation of the oil and gas industry in North Dakota. The amicus brief is relevant because the certified question at issue pertains directly to the Commission's authority to regulate the oil and gas industry and the practices it has employed in the state to do so.

#### STATEMENT N.D. APP. R. 29(a)(D)

[¶4] This brief was authored solely by counsel for the Industrial Commission. No money has been contributed by a party, party's counsel, or any other person intended to fund preparing or submitting of this brief.

#### **BACKGROUND**

- A. The Commission has statutory authority to create and pool spacing units.
- [¶5] The North Dakota Supreme Court has consistently found that the Commission has "extremely broad and comprehensive powers to regulate oil and gas development in the state." *Langved v. Cont'l Res., Inc.*, 2017 ND 179, ¶ 12, 899 N.W.2d 267. The Commission's jurisdiction is provided under N.D.C.C. § 38-08-04, which states, in part: "The Commission's powers are continuous . . . and are exclusive." *Env't. Driven Sols., LLC v. Dunn Cnty.*, 2017 N.D. 45 at ¶ 9, 890 N.W.2d 841 (quoting *Egeland v. Cont'l Res., Inc.*, 2000 ND 169, ¶ 11, 616 N.W.2d 861).
- [¶6] Section 38-08-04 further gives the Commission the authority "[t]o limit and to allocate the production of oil and gas from any field, pool, or area." N.D.C.C. § 38-08-04(c). Sections 38-08-07 and 38-08-08 of the North Dakota Century Code require the Commission to establish spacing units and pool separately-owned interests within the spacing unit when necessary to prevent waste, to avoid the drilling of unnecessary wells, or to protect correlative rights. See N.D.C.C. § 38-08-07(1). Section 38-08-08(1), N.D.C.C., provides:

When two or more separately owned tracts are embraced within a spacing unit, or when there are separately owned interests in all or a part of the spacing unit, then the owners and royalty owners thereof may pool their interests for the development and operation of the spacing unit. In the absence of voluntary pooling, the commission upon the application of any

interested person shall enter an order pooling all interests in the spacing unit for the development and operations thereof. . . . Operations incident to the drilling of a well upon any portion of a spacing unit covered by a pooling order must be deemed, for all purposes, the conduct of such operations upon each separately owned tract in the drilling unit by the several owners thereof. That portion of the production allocated to each tract included in a spacing unit covered by a pooling order must, when produced, be deemed for all purposes to have been produced from such tract by a well drilled thereon.

# B. The Commission's practice has been to allow lease-line wells to be drilled on common spacing unit boundaries with overlapping spacing units.

[¶7] Courts "generally defer to an administrative agency's reasonable interpretation of its own governing statutes and rules." *Black Hills Trucking, Inc. v. N.D. Indus. Comm'n,* 2017 ND 284, ¶ 19, 904 N.W.2d 326. The Court has explained that it will "normally defer to a reasonable interpretation placed on a statute by the agency responsible for enforcing it, especially when that interpretation does not contradict the statutory language." *Indus. Contractors, Inc. v. Taylor,* 2017 ND 183, ¶ 22, 899 N.W.2d 680 (citations omitted). Additionally, "[a]gency expertise is entitled to appreciable deference if the subject matter is highly technical." *Minn-Kota Ag Prod., Inc. v. N.D. Pub. Serv. Comm'n,* 2020 ND 12, ¶ 28, 938 N.W.2d 118 (citations omitted).

[¶8] When the Commission creates or pools a spacing unit, it will establish a drilling setback prohibiting wellbores within a certain distance from the spacing unit boundary to prevent the immediate draining of mineral resources across the spacing unit boundary and allowing offset owners time to drill a well and compete for the mineral resources thus preventing unfair drainage and protecting correlative rights. The Commission is aware that prevention of drilling within the setback area results in a reduction in the ultimate recovery of minerals in spacing units throughout North Dakota.

- [¶9] It is therefore the Commission's practice to allow lease-line horizontal wells to be drilled on a common spacing unit boundary between existing spacing units, by establishing an overlapping spacing unit that contains areas of similar size on either side of the common spacing unit boundary. The Commission understands not all development on both sides of a lease-line will be symmetrical in all cases and must balance its duty to prevent waste and its duty to protect correlative rights of mineral interest owners in each case.
- [¶10] Allocation of production from a horizontal well in a lease-line spacing unit is allocated to the various interest owners in tracts within the lease-line spacing unit based upon an acreage basis in the spacing unit. While production is allocated to the various tracts within the lease-line spacing unit, it may then be reallocated to tracts outside the lease-line spacing unit based upon pooling agreements that include a particular tract within the lease-line spacing unit.
- [¶11] The Commission's practice regarding overlapping spacing unit is based on its reasonable interpretation of N.D.C.C. § 38-08-08 and is consistent with the statutory language requiring production allocated to a tract to be treated as if it were produced from that tract for all purposes.

# C. The federal government has considered and approved the Commission's practice.

[¶12] The federal government has considered North Dakota's statutory scheme and the Commission's practices with overlapping spacing units and agrees with the Commission's practice. On July 3, 2018, the United States Department of the Interior, Bureau of Land Management ("BLM"), issued Permanent Instruction Memorandum No. 2018-012 ("Federal Memorandum") related to federal and Indian leases to establish a process for adjudication and approval of a proposed Communitization Agreement (CA) when the area

covered by the proposed CA would overlap an area covered by an existing CA or unit participating area (PA) for the same formation. Federal interests cannot be pooled by the Commission, therefore the federal government requires the execution of CAs for the development of its resources. "Communitization is synonymous with pooling where federal or Indian lands are involved." *Horob v. Zavanna, LLC*, 2016 ND 168, ¶ 18, 883 N.W.2d 855 (citing 1 B. Kramer & P. Martin, *The Law of Pooling and Unitization* § 16, p. 16–1 (3rd ed. 2015).) The Federal Memorandum, Adjudicating Overlapping Communitization Agreements, WO PIM 2018-012 (https://www.blm.gov/policy/wo-pim-2018-012, last visited July 21, 2022) provides guidance regarding new overlapping CAs and provides the following:

If language in State-issued spacing and/or pooling order differs from the above policy, as may be the case in North Dakota, the Agencies will work with the appropriate State and Federal oil and gas regulatory agencies to develop an overlapping CA policy that is consistent with that State's orders, statutes, regulations, and practice, to the extent possible, while also protecting the Federal and/or Indian fluid mineral interest.

*Id.* (emphasis added).

[¶13] On July 27, 2018, BLM provided subsequent recognition of North Dakota's practice in Permanent Instruction Memorandum No. 2018-004 (R:26-11). The July 27<sup>th</sup> Federal Memorandum notes BLM's concerns center on the "Daisy-Chain Effect" that could occur if production from an overlapping spacing unit is allocated to another overlapping unit. BLM found that N.D.C.C. § 38-08-08 and the language consistently used by the Commission in its orders address the federal government's concerns with overlapping spacing units. BLM affirmed that the "Daisy Chain Effect" of pooled spacing units has been averted by the language contained in Commission orders pooling the overlapping spacing units.

[¶14] Based on both permanent instruction memoranda cited above, the federal government has considered the Commission's practices regarding overlapping spacing units and deferred to the Commission's policies.

#### **ARGUMENT**

- A. When read together, Orders No. 18082, 27791 and N.D.C.C. § 38-08-08 require production allocated to Section 13 from the lease-line well to be allocated to Section 24.
- [¶15] The certified questions from the District Court inquire into whether production allocated to Section 13 must be allocated to Section 24 if that production was the result of an overlapping spacing unit. Section 13 and 24 were pooled by Order No. 18082 in Case No. 15827. (the "Underlying Unit Order"). Section 13 was also subsequently pooled with Sections 11, 12, and 14 by Order No. 27791 in Case No. 25386. (the "Overlapping Unit Order")
- [¶16] N.D.C.C. § 38-08-08(1) provides, "[t]hat portion of the production allocated to each tract included in a spacing unit covered by a pooling order must, when produced, be deemed for all purposes to have been produced from such tract by a well drilled thereon." The Commission interprets N.D.C.C. § 38-08-08(1) to require a proportionate amount of any production allocated to Section 13, to be allocated to Section 24 so long as the Underlying Unit Order has not been terminated.
- [¶17] The Commission maintains the right to modify or terminate spacing units. Each Commission order includes the same or similar language used in the underlying spacing order, "[t]his order shall be effective from the date of first operations within the spacing unit, and shall remain in full force and effect until further order of the Commission." Order of The Commission entered on November 11, 2021, in Case No. 15827, Order No. 18082

("Order No. 18082") (R26-4:1:¶5). There has been no order to terminate the underlying spacing unit and the obligations created by the order remain in full force and effect. Section 24 therefore receives a proportionate share of all production from Section 13, and Section 13 receives a proportionate share of all production allocated to Section 24.

[¶18] Production from the underlying spacing unit is prevented from being reallocated to the overlapping spacing unit. Order No. 27791 goes on to say it does not "...alter previous pooling orders for other spacing units or require the reallocation of production allocated to separately owned tracts within any spacing unit by any existing pooling orders or any pooling agreements." This language is designed to prevent allocation from the underlying spacing unit being reallocated to the overlapping spacing unit. Put another way, this language states Order No. 27791 does not alter allocation based on Order No. 18082, but provides no guidance as to allocation resulting from Order No. 27791 itself.

[¶19] The Commission had established this policy regarding overlapping spacing units prior to issuing Order No. 27791. In Order No. 14978 in Case No. 12717, the Commission addressed concerns from Whiting Oil and Gas Corporation regarding the possibility of reallocation of production from an underlying spacing unit to overlapping spacing units. The Commission clarified that production from base spacing units would not be reallocated to subsequent overlapping spacing units. The Commission adopted the above language to address those concerns in subsequent orders.

[¶20] The purpose of these overlapping spacing units is to allow for the drilling of a leaseline well that otherwise would not be possible due to drilling setbacks. Concerns arose that the purpose of the overlapping spacing unit could be inverted and production from all wells in underlying spacing units could be allocated to various sections via the overlapping spacing unit. Case No. 12717 addressed those concerns and the Commission adopted the language it now uses in its orders to ensure that production from an overlapping unit can be allocated to underlying units without introducing a daisy chain effect that would allocate production from the underlying spacing unit throughout the overlapping spacing unit.

[¶21] Reading Order No. 27791 and Order No. 18082 in conjunction with N.D.C.C. § 38-08-08, it is apparent that a proportional amount of production from the lease-line well must be allocated to Section 13 as if it were produced in Section 13, and therefore must be proportionally allocated to Section 24.

# B. Allocation of production from the Overlapping Spacing Unit across the Underlying Spacing Unit protects correlative rights and prevents waste.

[¶22] The Commission operates within its statutorily granted authority when it establishes a spacing unit for a pool "[w]hen necessary to prevent waste, to avoid the drilling of unnecessary wells, or to protect correlative rights." N.D.C.C. § 38-08-07(1). Here, the Commission found that the overlapping spacing unit at issue should be granted to protect correlative rights and prevent waste. Order No. 27791.

[¶23] In the Overlapping Unit Order, the Commission considered the potential waste that would arise from denying the application for a lease-line horizontal well against the correlative rights of all mineral interest owners. The Commission's findings in the Overlapping Unit Order were based on its reasonable interpretation of N.D.C.C. § 38-08-08(1) that production from the Overlapping Spacing Unit would be treated as if it had been produced in each respective Section and be allocated in accordance with the Underlying Unit Order.

- [¶24] The Commission believes a lease-line horizontal well in an overlapping lease-line spacing unit will recover oil from lands within the setback area of the underlying base spacing units. Without the lease-line horizontal well, the oil would be recovered less efficiently or not at all by the horizontal wells in the base spacing units; therefore, all pooled interest owners within the base spacing units should receive their equitable share of that oil, not just the interest owners in the sections located within the overlapping lease-line spacing unit but all interest owners in horizontal wells in the base spacing units.
- [¶25] The Commission also believes the lease-line horizontal well may cause positive or negative impacts to all wells in base spacing units shared by all interest owners within the base spacing units; therefore, the Commission believes all pooled owners within the base spacing units should be compensated, not just the interest owners in the sections located within the overlapping lease-line spacing unit.
- [¶26] Looking at the facts in this case, it is apparent to the Commission from the position of the wells, base spacing units, and overlapping spacing unit that the lease-line well (well 33453) in the center of the 2560-acre spacing unit will affect production in well 21499 as well as other wells in Sections 13 and 24. The owners of the southern half of well 21499 (Section 24) that lies outside the overlapping spacing unit, will be affected equally to the owners of the northern half of well 21499 (Section 13). All 1280 wells drilled in sections 13 & 24 base spacing units will be affected by well 33453. In other words, since both negative and positive impacts on Section 13 are shared by Section 24 the allocation from well 33453 should be shared as well.
- [¶27] The Commission granted the Overlapping Spacing Unit after finding it would prevent waste and protect correlative rights, including the rights of owners in Section 24.

If production from the lease-line well is not allocated to Section 24, Section 24's correlative rights would be harmed. Section 13 would receive all benefits of the lease-line well while Section 24 suffers all of the harm it could cause to production of adjacent wells in the underlying spacing unit.

[¶28] Based on the above, the Commission's pooling order Nos. 27791 and 18082 require the allocation of production from Section 13 of the Overlapping Spacing Unit to Section 24 of the Underlying Spacing Unit.

#### C. The District Court's certified questions should be answered as follows:

Question 1: Does the relevant portion of Section 38-08-08(1) of the North Dakota Century Code require the allocation of production from Section 13 of the Overlapping Spacing Unit to Section 24 of the Underlying Spacing Unit? "Operations incident to the drilling of a well upon any portion of a spacing unit covered by a pooling order must be deemed, for all purposes, the conduct of such operations upon each separately owned tract in the drilling unit by the several owners thereof. That portion of the production allocated to each tract included in a spacing unit covered by a pooling order must, when produced, be deemed for all purposes to have been produced from such tract by a well drilled thereon."

[¶29] The Commission believes Question 1 should be answered "Yes" with the understanding that N.D.C.C. § 38-08-08 is read in conjunction with the Commission's orders. When applied to this case, N.D.C.C. § 38-08-08 requires production allocated to Section 13 to be deemed for all purposes to have been produced from Section 13, which includes with respect to Order No. 18082. Therefore, Section 24 must receive its proportionate share of production from Section 13.

Question 2: Does the following language from Industrial Commission pooling orders Nos. 27791 and 18082 require the allocation of production from Section 13 of the Overlapping Spacing Unit to Section 24 of the Underlying Spacing Unit? "All owners of interests shall recover or receive, without unnecessary expense, their just and equitable share of production from the spacing unit in the proportion as their interest may appear in the spacing unit."

[¶30] The Commission believes Question 2 should be answered "Yes". The language in Order No. 27791 requires that production from the Overlapping Spacing Unit be allocated to Section 13. The language in Order. No 18082 requires a proportionate share of production from Section 13 must be allocated to Section 24. The language N.D.C.C. § 38-08-08, read in conjunction with the Orders Nos. 27791 and 18082, requires the production allocated to Section 13 must be treated for all purposes as if it was produced in Section 13. Therefore, read in conjunction, the language requires allocation of production from Section 13 to Section 24.

Question 3: Does the following language from Industrial Commission pooling orders Nos. 27791 and 18082 prohibit or prevent the allocation of production from Section 13 of the Overlapping Spacing Unit to Section 24 of the Underlying Spacing Unit? "All owners of interests shall recover or receive, without unnecessary expense, their just and equitable share of production from the spacing unit in the proportion as their interest may appear in the spacing unit."

[¶31] The Commission believes Question 3 should be answered "No". As discussed throughout this brief, Section 24 must be allocated its proportionate amount of any production allocated to Section 13. Order No. 27791 cannot be used to prohibit or prevent Section 24 from receiving its proportionate share of production which has been allocated to Section 13.

Question 4: Does the following language from Industrial Commission pooling order No. 27791 require the allocation of production from Section 13 of the Overlapping Spacing Unit to Section 24 of the Underlying Spacing Unit or other spacing units which overlap? "This order is limited to pooling the spacing unit described above for the development and operation of such spacing unit by the horizontal well(s) authorized for such spacing unit by order of the Commission. This order does not modify, amend or alter previous pooling orders for other spacing units or require the reallocation of production allocated to separately owned tracts within any spacing unit by any existing pooling orders or any pooling agreements."

[¶32] The Commission believes Question 4 should be answered "No". The Commission believes the language referenced in Question 4 serves to prevent allocation of production from an underlying spacing unit throughout an overlapping spacing unit. The language also clarifies the order does not modify, amend, or alter Order No. 18082 in any way. However, the specifically referenced language standing alone does not require or alter allocation of production between Section 13 and Section 24.

Question 5: Does the following language from Industrial Commission pooling order No. 27791 prohibit or prevent the allocation of production from Section 13 of the Overlapping Spacing Unit to Section 24 of the Underlying Spacing Unit or other spacing units which overlap? "This order is limited to pooling the spacing unit described above for the development and operation of such spacing unit by the horizontal well(s) authorized for such spacing unit by order of the Commission. This order does not modify, amend or alter previous pooling orders for other spacing units or require the reallocation of production allocated to separately owned tracts within any spacing unit by any existing pooling orders or any pooling agreements."

[¶33] The Commission believes Question 5 should be answered "No". As noted above, this language serves to prevent reallocation of production that was already allocated at the time the overlapping spacing unit was granted. It serves to protect the proportional allocation and clarifies Order No. 27791 does not modify, amend, or alter Order No. 18082 in any way.

#### **CONCLUSION**

[¶34] The Commission respectfully requests the Court answer the District Court's certified questions Yes, Yes, No, No, and No, respectively.

## Dated this 22<sup>nd</sup> day of July, 2022.

State of North Dakota Drew H. Wrigley Attorney General

By: /s/ Steven B. Nelson

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Email stnelson@nd.gov

Attorneys for Amicus Curiae North Dakota Industrial Commission.

#### IN THE SUPREME COURT

#### STATE OF NORTH DAKOTA

Allen Dominek and Arlen Dominek,

Plaintiffs/Appellants,

v.

Equinor Energy L.P., f/k/a and a/k/a Brigham Oil & Gas L.P. and Statoil Oil and Gas L.P.; and Grayson Mill Williston, LLC,

Defendants/Appellees.

CERTIFICATE OF COMPLIANCE

**Supreme Ct. No. 20220088** 

U.S. District Court No. 1:19-cv-288

[¶1] The undersigned certifies pursuant to N.D. R. App. P. 32(a)(8)(A), that the Brief of BRIEF OF AMICUS CURIAE NORTH DAKOTA INDUSTRIAL COMMISSION IN SUPPORT OF DEFENDANTS/APPELLEES contains 18 pages.

[¶2] This brief has been prepared in a proportionally spaced typeface using Microsoft Office 365 word processing software in Times New Roman 12 point font.

Dated this 22<sup>nd</sup> day of July, 2022.

State of North Dakota Drew H. Wrigley Attorney General

By: /s/ Steven B. Nelson

Steven B. Nelson Assistant Attorney General State Bar ID No. 09212 Office of Attorney General 500 North 9<sup>th</sup> Street Bismarck, ND 58501-4509 Telephone (701) 328-3640 Facsimile (701) 328-4300 Email stnelson@nd.gov

Attorneys for Amicus Curiae North Dakota Industrial Commission.

#### IN THE SUPREME COURT

#### STATE OF NORTH DAKOTA

Allen Dominek and Arlen Dominek,

Plaintiffs/Appellants,

v.

Equinor Energy L.P., f/k/a and a/k/a Brigham Oil & Gas L.P. and Statoil Oil and Gas L.P.; and Grayson Mill Williston, LLC,

Defendants/Appellees.

CERTIFICATE OF SERVICE BY ELECTRONIC MAIL

**Supreme Ct. No. 20220088** 

U.S. District Court No. 1:19-cv-288

[¶1] I hereby certify that on July 22, 2022, the following documents: BRIEF OF AMICUS CURIAE NORTH DAKOTA INDUSTRIAL COMMISSION IN SUPPORT OF DEFENDANTS/APPELLEES and CERTIFICATE OF COMPLIANCE were filed electronically with the Supreme Court through the E-Filing Portal which served copies by electronic mail upon all counsel of record as follows:

Spencer Douglas Ptacek at sptacek@fredlaw.com;

Lawrence Bender at lbender@fredlaw.com;

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## Joshua A. Swanson

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August 17, 2023

North Dakota Industrial Commission attn: Oil & Gas Division 600 E. Boulevard Ave., Dept. 474 Bismarck, ND 58505-0614

Continental Resources, Inc. 20 N. Broadway
John Hart
Oklahoma City, OK 73102

C T CORPORATION SYSTEM 120 W SWEET AVE BISMARCK, ND 58504 e-mail also to: <u>oilandgasinfo@nd.gov</u>, <u>ndicinfo@nd.gov</u>

\*\* Sent Via Certified Mail \*\*

Continental Resources, Inc. PO BOX 269097 Oklahoma City, OK 73126-9097

Re:

**Application to North Dakota Industrial Commission** 

Our File No.: 057999.22000

Dear North Dakota Industrial Commission:

Please find enclosed herewith for filing the following:

APPLICATION OF THURMON ANDRESS, MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, AND ROBERT "BOB" FULWILER TO CONSIDER THE ALLOCATION OF PRODUCTION ATTRIBUTABLE TO THEM FROM THE CARSON PEAK 4-35HSL AND WHITMAN FIU 13-34HSL1 SECTION LINE WELLS BASED ON THEIR INTERESTS IN THE UNDERLYING SPACING UNIT CONSISTING OF SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2, TOWNSHIP 146 NORTH, RANGE 96 WEST

A copy of the same was also served on Continental Resources, Inc. If you have any questions, please feel free to contact me at 701.237.6983 or via e-mail at <a href="mailto:jswanson@vogellaw.com">jswanson@vogellaw.com</a>.

218 NP Avenue | PO Box 1389 | Fargo, ND 58107-1389 Phone: 701.237.6983 | Fax: 701.237.0847 | Toll Free: 800.677.5024 August 17, 2023 Page 2

Respectfully,

Joshua A. Swanson

AUG 2 1 2023

RESOURCES

## BEFORE THE INDUSTRIAL COMMISSION OF THE STATE OF NORTH DAKOTA

Case No.:	APPLICATION OF THURMON ANDRESS,
	MELISSA SANDEFER, JULIE SANDEFER,
	LISA SANDEFER, THOMAS THOMPSON,
APPLICATION	AND ROBERT "BOB" FULWILER TO
	CONSIDER THE ALLOCATION OF
	PRODUCTION ATTRIBUTABLE TO THEM
	FROM THE CARSON PEAK 4-35HSL AND
	WHITMAN FIU 13-34HSL1 SECTION LINE
	WELLS BASED ON THEIR INTERESTS IN
	THE UNDERLYING SPACING UNIT

CONSISTING OF SECTIONS 23, 26, AND 35, TOWNSHIP 147 NORTH, RANGE 96 WEST AND SECTION 2, TOWNSHIP 146 NORTH.

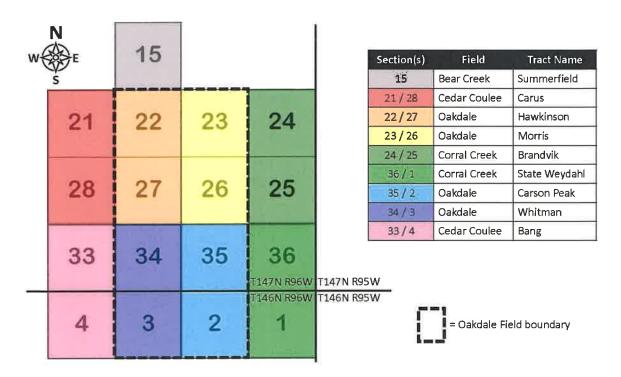
**RANGE 96 WEST** 

# APPLICATION OF THURMON ANDRESS, MELISSA SANDEFER, JULIE SANDEFER, LISA SANDEFER, THOMAS THOMPSON, AND ROBERT "BOB" FULWILER

COMES NOW, Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, and Robert "Bob" Fulwiler (collectively, "Andress Sandefer"), for their application to the North Dakota Industrial Commission (the "Commission"), pursuant to N.D.A.C. § 43-02-03-88, respectfully states as follows:

- [¶1] Andress Sandefer own minerals located in Dunn County, specifically, in Sections 22, 23, 26, and 27, Township 147 North, Range 96 West (the "Subject Lands").
- [¶2] The Subject Lands are within an area defined by the Commission as the field boundaries for the Oakdale Field and vertically covering the accumulation of oil and gas defined by the Commission as the Oakdale-Bakken Pool.
- [¶3] The Subject Lands are shown in <u>Figure 1</u> in relation to their location in the Oakdale Field.

Figure 1: Subject Lands in Relation to Oakdale Field



[¶4] A portion of Andress Sandefer's interests in the Subject Lands are in the "Underlying Spacing Unit," which consists of Sections 23, 26, and 35, Township 147 North, Range 96 West and Section 2, Township 146 North, Range 96 West. These four sections comprise what is commonly referred to as a "standup 2560" because the four sections are oriented in a north-south direction and comprise 2,560-acres, more or less.

[¶5] Part of the Underlying Spacing Unit, specifically, the south half of the standup 2560, is also within an "Overlapping Spacing Unit" where there is production from the Carson Peak 4-35HSL well, NDIC #35272, (the "Carson Peak 4 Well") and the Whitman FIU 13-34HSL1 well, NDIC #38533, (the "Whitman FIU 13 Well"). Both the Carson Peak 4 Well and the Whitman FIU 13 Well are section line wells operated by Continental Resources, Inc. ("Continental").

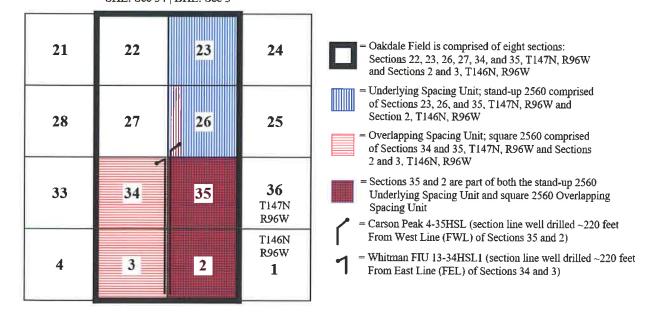
The Overlapping Spacing Unit contains 2,560 acres, more or less, but instead of being [¶6] oriented in either a "standup 2560" (i.e., four sections aligned due north-south) or "laydown 2560" (i.e., four sections aligned due east-west), the Overlapping Spacing Unit is a "square 2560", i.e., the four sections are aligned two sections north-south by two sections east-west. [¶7] The Overlapping Spacing Unit consists of Sections 34 and 35, Township 147 North,

Range 96 West and Sections 2 and 3, Township 146 North, Range 96 West.

[¶8] As shown in Figure 2, Sections 35 and 2 are in both the Overlapping Spacing Unit and Underlying Spacing Unit. Continental operates all the wells in the Oakdale Field.

Figure 2: Carson Peak 4 Well and Whitman FIU 13 Well relative to Spacing Units

Oakdale Field | Dunn County, ND Carson Peak 4-35HSL (NDIC #35272) SHL: Sec 26 | BHL: Sec 2 Whitman FIU 13-34HSL1 (NDIC #38533) SHL: Sec 34 | BHL: Sec 3

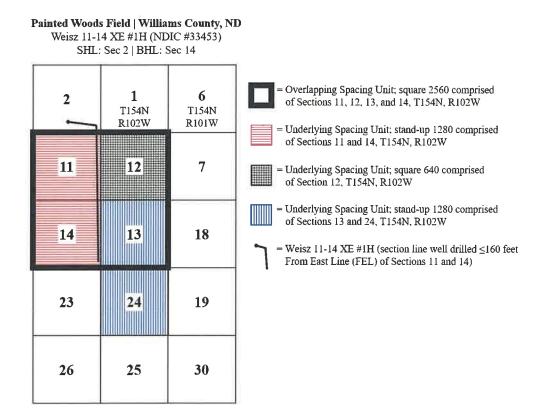


[¶9] When Continental created its square 2560 Overlapping Spacing Unit, Continental ignored that Andress Sandefer's interests in the Subject Lands contributed to the Underlying Spacing Unit. As such, the exclusion of Andress Sandefer in the Carson Peak 4 Well and the

Whitman FIU 13 Well is a confiscation of their interests within the Underlying Spacing Unit, violates N.D.C.C. § 38-08-08(1), and violates Andress Sandefer's correlative rights.

[¶10] Andress Sandefer's claim – that N.D.C.C. § 38-08-08(1) requires that production from the Overlapping Spacing Unit via the Carson Peak 4 Well and the Whitman FIU 13 Well be allocated across the Underlying Spacing Unit – mirrors the position taken by the Commission before the North Dakota Supreme Court in <u>Dominek v. Equinor Energy L.P.</u>, 2022 ND 211, 982 N.W.2d 303 (Case No. 20220088). In <u>Dominek</u>, the Commission filed a Brief of Amicus Curiae (the "Commission Brief"). A copy of the Commission Brief is attached at <u>Exhibit A</u>.

Figure 3: Dominek v. Equinor Spacing Units



[¶11] In <u>Dominek</u>, the Commission interpreted North Dakota law, specifically, N.D.C.C.  $\S$  38-08-08(1), to require production from an overlapping spacing unit be allocated across the underlying spacing unit as shown in <u>Figure 3</u>. <u>See Commission Brief</u> at ¶¶ 15 – 30. The

Commission wrote in its brief that: "The Commission interprets N.D.C.C. § 38-08-08(1) to require a proportionate amount of any production allocated to Section 13, to be allocated to Section 24 so long as the Underlying Unit Order has not been terminated." The Commission further noted:

The purpose of these overlapping spacing units is to allow for the drilling of a lease-line well that otherwise would not be possible due to drilling setbacks. Concerns arose that the purpose of the overlapping spacing unit could be inverted and production from all wells in underlying spacing units could be allocated to various sections via the overlapping spacing unit. Case No. 12717 addressed those concerns and the Commission adopted the language it now uses in its orders to ensure that production from an overlapping unit can be allocated to underlying units without introducing a daisy chain effect that would allocate production from the underlying spacing unit throughout the overlapping spacing unit.

#### Commission Brief at ¶ 20.

[¶12] The Commission also explained to the Supreme Court that, under North Dakota law, allocation of production from an overlapping spacing unit across the underlying spacing unit protected correlative rights and prevented waste.

In the Overlapping Unit Order, the Commission considered the potential waste that would arise from denying the application for a lease-line horizontal well against the correlative rights of all mineral interest owners. The Commission's findings in the Overlapping Unit Order were based on its reasonable interpretation of N.D.C.C. § 38-08-08(1) that production from the Overlapping Spacing Unit would be treated as if it had been produced in each respective Section and be allocated in accordance with the Underlying Unit Order.

The Commission believes a lease-line horizontal well in an overlapping lease-line spacing unit will recover oil from lands within the setback area of the underlying base spacing units. Without the lease-line horizontal well, the oil would be recovered less efficiently or not at all by the horizontal wells in the base spacing units; therefore, all pooled interest owners within the base spacing units should receive their equitable share of that oil, not just the interest owners in the sections located within the overlapping lease-line spacing unit but all interest owners in horizontal wells in the base spacing units.

The Commission also believes the lease-line horizontal well may cause positive or negative impacts to all wells in base spacing units shared by all interest owners within

the base spacing units; therefore, the Commission believes all pooled owners within the base spacing units should be compensated, not just the interest owners in the sections located within the overlapping lease-line spacing unit.

Looking at the facts in this case, it is apparent to the Commission from the position of the wells, base spacing units, and overlapping spacing unit that the lease-line well (well 33453) in the center of the 2560-acre spacing unit will affect production in well 21499 as well as other wells in Sections 13 and 24. The owners of the southern half of well 21499 (Section 24) that lies outside the overlapping spacing unit, will be affected equally to the owners of the northern half of well 21499 (Section 13). All 1280 wells drilled in sections 13 & 24 base spacing units will be affected by well 33453. In other words, since both negative and positive impacts on Section 13 are shared by Section 24 the allocation from well 33453 should be shared as well.

The Commission granted the Overlapping Spacing Unit after finding it would prevent waste and protect correlative rights, including the rights of owners in Section 24. If production from the lease-line well is not allocated to Section 24, Section 24's correlative rights would be harmed. Section 13 would receive all benefits of the lease-line well while Section 24 suffers all of the harm it could cause to production of adjacent wells in the underlying spacing unit.

#### Commission Brief at ¶¶ 23 - 27.

[¶13] Just like the Section 24 owners in <u>Dominek</u>, a portion of Andress Sandefer's Subject Lands were unitized in order to create the standup 2560 Underlying Spacing Unit, as shown in <u>Figure 2</u>. However, unlike Equinor Energy, and contrary to the Commission's interpretation of North Dakota law in <u>Dominek</u>, Continental is not crediting Andress Sandefer with its share of production from either the Carson Peak 4 Well or Whitman FIU 13 Well, both section line wells, based on Andress Sandefer's interest in the Underlying Spacing Unit in violation of N.D.C.C. § 38-08-08(1).

[¶14] Continental's failure to credit Andress Sandefer with their share of production from either the Carson Peak 4 Well or Whitman FIU 13 Well, based on their interest in the Underlying Spacing Unit, harms and violates Andress Sandefer's correlative rights. Further, it is not just or equitable if mineral owners similarly situated as those in Section 24 in Dominek,

like Andress Sandefer with respect to the Subject Lands and Underlying Spacing Unit, are effectively cut-out of receiving their share of revenue for production of oil and gas from wells

in an Overlapping Spacing Unit draining the reserves in their Underlying Spacing Units.

[¶15] Andress Sandefer requests that the Commission order that production from the Carson

Peak 4 Well and the Whitman FIU 13 Well, both section line wells, be allocated to them based

on their interest in the Underlying Spacing Unit as required by N.D.C.C. § 38-08-08(1), and

consistent with the Commission's interpretation of North Dakota law in Dominek, and to

protect their correlative rights.

WHEREFORE, Andress Sandefer requests the following:

(a) That this matter be set for the regularly scheduled September 2023 hearings of the Commission; and

(b) That the Commission issue its order granting the relief requested and such other and further relief as the Commission may deem appropriate.

Dated this 17th day of August 2023.

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#### IN THE SUPREME COURT

#### STATE OF NORTH DAKOTA

## EXHIBIT A

Allen Dominek and Arlen Dominek,

Plaintiffs/Appellants,

V.

Equinor Energy L.P., f/k/a and a/k/a Brigham Oil & Gas L.P. and Statoil Oil and Gas L.P.; and Grayson Mill Williston, LLC,

Defendants/Appellees.

Supreme Ct. No. 20220088

U.S. District Court No. 1:19-cv-288

#### **BRIEF OF AMICUS CURIAE** NORTH DAKOTA INDUSTRIAL COMMISSION IN SUPPORT OF DEFENDANTS/APPELLEES

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Question 2: Does the following language from Industrial Commission pooling orders Nos. 27791 and 18082 require the allocation of production from Section 13 of the Overlapping Spacing Unit to Section 24 of the Underlying Spacing Unit? "All owners of interests shall recover or receive, without unnecessary expense, their just and equitable share of production from the spacing unit in the proportion as their interest may appear in the spacing unit."	30
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#### INTRODUCTION AND INTEREST OF AMICUS CURIAE

- Pursuant to Rule 29 of the North Dakota Rules of Appellate Procedure, the North Dakota Industrial Commission ("Commission") respectfully submits this brief as amicus curiae in support of the position taken by Defendants-Appellees Equinor Energy L.P., f/k/a and a/k/a Brigham Oil & Gas L.P. and Statoil Oil and Gas L.P.; and Grayson Mill Williston, LLC ("Appellees"). The Commission's brief addresses the interpretation of N.D.C.C. § 38-08, the Commission's policy and practice regarding pooling in overlapping spacing units, and the Commission's authority to make an order creating such an overlapping spacing unit.
- [¶2] The Commission is the regulatory agency charged with regulating oil and gas development in North Dakota. The Commission is interested in this case because Plaintiff-Appellants Allen Dominek and Arlen Dominek ("Appellants") challenge the Commission's statutory authority and practices regarding overlapping spacing units. Appellants' position would adversely affect mineral interest owners across the oil and gas industry and directly contradict the Commission's current practice. The Commission would be left without the ability to protect correlative rights in cases where it allows the drilling of lease-line wells involving overlapping spacing units.
- [¶3] An amicus brief is desirable in this matter because the Commission has beneficial expertise and knowledge regarding the regulation of the oil and gas industry in North Dakota. The amicus brief is relevant because the certified question at issue pertains directly to the Commission's authority to regulate the oil and gas industry and the practices it has employed in the state to do so.

#### STATEMENT N.D. APP. R. 29(a)(D)

[¶4] This brief was authored solely by counsel for the Industrial Commission. No money has been contributed by a party, party's counsel, or any other person intended to fund preparing or submitting of this brief.

#### BACKGROUND

- A. The Commission has statutory authority to create and pool spacing units.
- [¶5] The North Dakota Supreme Court has consistently found that the Commission has "extremely broad and comprehensive powers to regulate oil and gas development in the state." Langved v. Cont'l Res., Inc., 2017 ND 179, ¶ 12, 899 N.W.2d 267. The Commission's jurisdiction is provided under N.D.C.C. § 38-08-04, which states, in part: "The Commission's powers are continuous . . . and are exclusive." Env't. Driven Sols., LLC v. Dunn Cnty., 2017 N.D. 45 at ¶ 9, 890 N.W.2d 841 (quoting Egeland v. Cont'l Res., Inc., 2000 ND 169, ¶ 11, 616 N.W.2d 861).
- [¶6] Section 38-08-04 further gives the Commission the authority "[t]o limit and to allocate the production of oil and gas from any field, pool, or area." N.D.C.C. § 38-08-04(c). Sections 38-08-07 and 38-08-08 of the North Dakota Century Code require the Commission to establish spacing units and pool separately-owned interests within the spacing unit when necessary to prevent waste, to avoid the drilling of unnecessary wells, or to protect correlative rights. See N.D.C.C. § 38-08-07(1). Section 38-08-08(1), N.D.C.C., provides:

When two or more separately owned tracts are embraced within a spacing unit, or when there are separately owned interests in all or a part of the spacing unit, then the owners and royalty owners thereof may pool their interests for the development and operation of the spacing unit. In the absence of voluntary pooling, the commission upon the application of any

interested person shall enter an order pooling all interests in the spacing unit for the development and operations thereof. . . . Operations incident to the drilling of a well upon any portion of a spacing unit covered by a pooling order must be deemed, for all purposes, the conduct of such operations upon each separately owned tract in the drilling unit by the several owners thereof. That portion of the production allocated to each tract included in a spacing unit covered by a pooling order must, when produced, be deemed for all purposes to have been produced from such tract by a well drilled thereon.

B. The Commission's practice has been to allow lease-line wells to be drilled on common spacing unit boundaries with overlapping spacing units.

[¶7] Courts "generally defer to an administrative agency's reasonable interpretation of its own governing statutes and rules." *Black Hills Trucking, Inc. v. N.D. Indus. Comm'n,* 2017 ND 284, ¶ 19, 904 N.W.2d 326. The Court has explained that it will "normally defer to a reasonable interpretation placed on a statute by the agency responsible for enforcing it, especially when that interpretation does not contradict the statutory language." *Indus. Contractors, Inc. v. Taylor,* 2017 ND 183, ¶ 22, 899 N.W.2d 680 (citations omitted). Additionally, "[a]gency expertise is entitled to appreciable deference if the subject matter is highly technical." *Minn-Kota Ag Prod., Inc. v. N.D. Pub. Serv. Comm'n,* 2020 ND 12, ¶ 28, 938 N.W.2d 118 (citations omitted).

[¶8] When the Commission creates or pools a spacing unit, it will establish a drilling setback prohibiting wellbores within a certain distance from the spacing unit boundary to prevent the immediate draining of mineral resources across the spacing unit boundary and allowing offset owners time to drill a well and compete for the mineral resources thus preventing unfair drainage and protecting correlative rights. The Commission is aware that prevention of drilling within the setback area results in a reduction in the ultimate recovery of minerals in spacing units throughout North Dakota.

- [¶9] It is therefore the Commission's practice to allow lease-line horizontal wells to be drilled on a common spacing unit boundary between existing spacing units, by establishing an overlapping spacing unit that contains areas of similar size on either side of the common spacing unit boundary. The Commission understands not all development on both sides of a lease-line will be symmetrical in all cases and must balance its duty to prevent waste and its duty to protect correlative rights of mineral interest owners in each case.
- [¶10] Allocation of production from a horizontal well in a lease-line spacing unit is allocated to the various interest owners in tracts within the lease-line spacing unit based upon an acreage basis in the spacing unit. While production is allocated to the various tracts within the lease-line spacing unit, it may then be reallocated to tracts outside the lease-line spacing unit based upon pooling agreements that include a particular tract within the lease-line spacing unit.
- [¶11] The Commission's practice regarding overlapping spacing unit is based on its reasonable interpretation of N.D.C.C. § 38-08-08 and is consistent with the statutory language requiring production allocated to a tract to be treated as if it were produced from that tract for all purposes.

# C. The federal government has considered and approved the Commission's practice.

[¶12] The federal government has considered North Dakota's statutory scheme and the Commission's practices with overlapping spacing units and agrees with the Commission's practice. On July 3, 2018, the United States Department of the Interior, Bureau of Land Management ("BLM"), issued Permanent Instruction Memorandum No. 2018-012 ("Federal Memorandum") related to federal and Indian leases to establish a process for adjudication and approval of a proposed Communitization Agreement (CA) when the area

covered by the proposed CA would overlap an area covered by an existing CA or unit participating area (PA) for the same formation. Federal interests cannot be pooled by the Commission, therefore the federal government requires the execution of CAs for the development of its resources. "Communitization is synonymous with pooling where federal or Indian lands are involved." *Horob v. Zavanna, LLC*, 2016 ND 168, ¶ 18, 883 N.W.2d 855 (citing 1 B. Kramer & P. Martin, *The Law of Pooling and Unitization* § 16, p. 16–1 (3rd ed. 2015).) The Federal Memorandum, Adjudicating Overlapping Communitization Agreements, WO PIM 2018-012 (https://www.blm.gov/policy/wo-pim-2018-012, last visited July 21, 2022) provides guidance regarding new overlapping CAs and provides the following:

If language in State-issued spacing and/or pooling order differs from the above policy, <u>as may be the case in North Dakota</u>, the Agencies will work with the appropriate State and Federal oil and gas regulatory agencies to develop an overlapping CA policy that is <u>consistent with that State's orders</u>, <u>statutes</u>, <u>regulations</u>, <u>and practice</u>, to the extent possible, while also protecting the Federal and/or Indian fluid mineral interest.

Id. (emphasis added).

[¶13] On July 27, 2018, BLM provided subsequent recognition of North Dakota's practice in Permanent Instruction Memorandum No. 2018-004 (R:26-11). The July 27<sup>th</sup> Federal Memorandum notes BLM's concerns center on the "Daisy-Chain Effect" that could occur if production from an overlapping spacing unit is allocated to another overlapping unit. BLM found that N.D.C.C. § 38-08-08 and the language consistently used by the Commission in its orders address the federal government's concerns with overlapping spacing units. BLM affirmed that the "Daisy Chain Effect" of pooled spacing units has been averted by the language contained in Commission orders pooling the overlapping spacing units.

[¶14] Based on both permanent instruction memoranda cited above, the federal government has considered the Commission's practices regarding overlapping spacing units and deferred to the Commission's policies.

#### **ARGUMENT**

A. When read together, Orders No. 18082, 27791 and N.D.C.C. § 38-08-08 require production allocated to Section 13 from the lease-line well to be allocated to Section 24.

[¶15] The certified questions from the District Court inquire into whether production allocated to Section 13 must be allocated to Section 24 if that production was the result of an overlapping spacing unit. Section 13 and 24 were pooled by Order No. 18082 in Case No. 15827. (the "Underlying Unit Order"). Section 13 was also subsequently pooled with Sections 11, 12, and 14 by Order No. 27791 in Case No. 25386. (the "Overlapping Unit Order")

[¶16] N.D.C.C. § 38-08-08(1) provides, "[t]hat portion of the production allocated to each tract included in a spacing unit covered by a pooling order must, when produced, be deemed for all purposes to have been produced from such tract by a well drilled thereon." The Commission interprets N.D.C.C. § 38-08-08(1) to require a proportionate amount of any production allocated to Section 13, to be allocated to Section 24 so long as the Underlying Unit Order has not been terminated.

[¶17] The Commission maintains the right to modify or terminate spacing units. Each Commission order includes the same or similar language used in the underlying spacing order, "[t]his order shall be effective from the date of first operations within the spacing unit, and shall remain in full force and effect until further order of the Commission." Order of The Commission entered on November 11, 2021, in Case No. 15827, Order No. 18082

("Order No. 18082") (R26-4:1:¶5). There has been no order to terminate the underlying spacing unit and the obligations created by the order remain in full force and effect. Section 24 therefore receives a proportionate share of all production from Section 13, and Section 13 receives a proportionate share of all production allocated to Section 24.

[¶18] Production from the underlying spacing unit is prevented from being reallocated to the overlapping spacing unit. Order No. 27791 goes on to say it does not "...alter previous pooling orders for other spacing units or require the reallocation of production allocated to separately owned tracts within any spacing unit by any existing pooling orders or any pooling agreements." This language is designed to prevent allocation from the underlying spacing unit being reallocated to the overlapping spacing unit. Put another way, this language states Order No. 27791 does not alter allocation based on Order No. 18082, but provides no guidance as to allocation resulting from Order No. 27791 itself.

[¶19] The Commission had established this policy regarding overlapping spacing units prior to issuing Order No. 27791. In Order No. 14978 in Case No. 12717, the Commission addressed concerns from Whiting Oil and Gas Corporation regarding the possibility of reallocation of production from an underlying spacing unit to overlapping spacing units. The Commission clarified that production from base spacing units would not be reallocated to subsequent overlapping spacing units. The Commission adopted the above language to address those concerns in subsequent orders.

[¶20] The purpose of these overlapping spacing units is to allow for the drilling of a leaseline well that otherwise would not be possible due to drilling setbacks. Concerns arose that the purpose of the overlapping spacing unit could be inverted and production from all wells in underlying spacing units could be allocated to various sections via the overlapping spacing unit. Case No. 12717 addressed those concerns and the Commission adopted the language it now uses in its orders to ensure that production from an overlapping unit can be allocated to underlying units without introducing a daisy chain effect that would allocate production from the underlying spacing unit throughout the overlapping spacing unit.

[¶21] Reading Order No. 27791 and Order No. 18082 in conjunction with N.D.C.C. § 38-08-08, it is apparent that a proportional amount of production from the lease-line well must be allocated to Section 13 as if it were produced in Section 13, and therefore must be proportionally allocated to Section 24.

B. Allocation of production from the Overlapping Spacing Unit across the Underlying Spacing Unit protects correlative rights and prevents waste.

[¶22] The Commission operates within its statutorily granted authority when it establishes a spacing unit for a pool "[w]hen necessary to prevent waste, to avoid the drilling of unnecessary wells, or to protect correlative rights." N.D.C.C. § 38-08-07(1). Here, the Commission found that the overlapping spacing unit at issue should be granted to protect correlative rights and prevent waste. Order No. 27791.

[¶23] In the Overlapping Unit Order, the Commission considered the potential waste that would arise from denying the application for a lease-line horizontal well against the correlative rights of all mineral interest owners. The Commission's findings in the Overlapping Unit Order were based on its reasonable interpretation of N.D.C.C. § 38-08-08(1) that production from the Overlapping Spacing Unit would be treated as if it had been produced in each respective Section and be allocated in accordance with the Underlying Unit Order.

[¶24] The Commission believes a lease-line horizontal well in an overlapping lease-line spacing unit will recover oil from lands within the setback area of the underlying base spacing units. Without the lease-line horizontal well, the oil would be recovered less efficiently or not at all by the horizontal wells in the base spacing units; therefore, all pooled interest owners within the base spacing units should receive their equitable share of that oil, not just the interest owners in the sections located within the overlapping lease-line spacing unit but all interest owners in horizontal wells in the base spacing units.

[¶25] The Commission also believes the lease-line horizontal well may cause positive or negative impacts to all wells in base spacing units shared by all interest owners within the base spacing units; therefore, the Commission believes all pooled owners within the base spacing units should be compensated, not just the interest owners in the sections located within the overlapping lease-line spacing unit.

[¶26] Looking at the facts in this case, it is apparent to the Commission from the position of the wells, base spacing units, and overlapping spacing unit that the lease-line well (well 33453) in the center of the 2560-acre spacing unit will affect production in well 21499 as well as other wells in Sections 13 and 24. The owners of the southern half of well 21499 (Section 24) that lies outside the overlapping spacing unit, will be affected equally to the owners of the northern half of well 21499 (Section 13). All 1280 wells drilled in sections 13 & 24 base spacing units will be affected by well 33453. In other words, since both negative and positive impacts on Section 13 are shared by Section 24 the allocation from well 33453 should be shared as well.

[¶27] The Commission granted the Overlapping Spacing Unit after finding it would prevent waste and protect correlative rights, including the rights of owners in Section 24.

If production from the lease-line well is not allocated to Section 24, Section 24's correlative rights would be harmed. Section 13 would receive all benefits of the lease-line well while Section 24 suffers all of the harm it could cause to production of adjacent wells in the underlying spacing unit.

[¶28] Based on the above, the Commission's pooling order Nos. 27791 and 18082 require the allocation of production from Section 13 of the Overlapping Spacing Unit to Section 24 of the Underlying Spacing Unit.

#### C. The District Court's certified questions should be answered as follows:

Question 1: Does the relevant portion of Section 38-08-08(1) of the North Dakota Century Code require the allocation of production from Section 13 of the Overlapping Spacing Unit to Section 24 of the Underlying Spacing Unit? "Operations incident to the drilling of a well upon any portion of a spacing unit covered by a pooling order must be deemed, for all purposes, the conduct of such operations upon each separately owned tract in the drilling unit by the several owners thereof. That portion of the production allocated to each tract included in a spacing unit covered by a pooling order must, when produced, be deemed for all purposes to have been produced from such tract by a well drilled thereon."

[¶29] The Commission believes Question 1 should be answered "Yes" with the understanding that N.D.C.C. § 38-08-08 is read in conjunction with the Commission's orders. When applied to this case, N.D.C.C. § 38-08-08 requires production allocated to Section 13 to be deemed for all purposes to have been produced from Section 13, which includes with respect to Order No. 18082. Therefore, Section 24 must receive its proportionate share of production from Section 13.

Question 2: Does the following language from Industrial Commission pooling orders Nos. 27791 and 18082 require the allocation of production from Section 13 of the Overlapping Spacing Unit to Section 24 of the Underlying Spacing Unit? "All owners of interests shall recover or receive, without unnecessary expense, their just and equitable share of production from the spacing unit in the proportion as their interest may appear in the spacing unit."

[¶30] The Commission believes Question 2 should be answered "Yes". The language in Order No. 27791 requires that production from the Overlapping Spacing Unit be allocated to Section 13. The language in Order. No 18082 requires a proportionate share of production from Section 13 must be allocated to Section 24. The language N.D.C.C. § 38-08-08, read in conjunction with the Orders Nos. 27791 and 18082, requires the production allocated to Section 13 must be treated for all purposes as if it was produced in Section 13. Therefore, read in conjunction, the language requires allocation of production from Section 13 to Section 24.

Question 3: Does the following language from Industrial Commission pooling orders Nos. 27791 and 18082 prohibit or prevent the allocation of production from Section 13 of the Overlapping Spacing Unit to Section 24 of the Underlying Spacing Unit? "All owners of interests shall recover or receive, without unnecessary expense, their just and equitable share of production from the spacing unit in the proportion as their interest may appear in the spacing unit."

[¶31] The Commission believes Question 3 should be answered "No". As discussed throughout this brief, Section 24 must be allocated its proportionate amount of any production allocated to Section 13. Order No. 27791 cannot be used to prohibit or prevent Section 24 from receiving its proportionate share of production which has been allocated to Section 13.

Question 4: Does the following language from Industrial Commission pooling order No. 27791 require the allocation of production from Section 13 of the Overlapping Spacing Unit to Section 24 of the Underlying Spacing Unit or other spacing units which overlap? "This order is limited to pooling the spacing unit described above for the development and operation of such spacing unit by the horizontal well(s) authorized for such spacing unit by order of the Commission. This order does not modify, amend or alter previous pooling orders for other spacing units or require the reallocation of production allocated to separately owned tracts within any spacing unit by any existing pooling orders or any pooling agreements."

[¶32] The Commission believes Question 4 should be answered "No". The Commission believes the language referenced in Question 4 serves to prevent allocation of production from an underlying spacing unit throughout an overlapping spacing unit. The language also clarifies the order does not modify, amend, or alter Order No. 18082 in any way. However, the specifically referenced language standing alone does not require or alter allocation of production between Section 13 and Section 24.

Question 5: Does the following language from Industrial Commission pooling order No. 27791 prohibit or prevent the allocation of production from Section 13 of the Overlapping Spacing Unit to Section 24 of the Underlying Spacing Unit or other spacing units which overlap? "This order is limited to pooling the spacing unit described above for the development and operation of such spacing unit by the horizontal well(s) authorized for such spacing unit by order of the Commission. This order does not modify, amend or alter previous pooling orders for other spacing units or require the reallocation of production allocated to separately owned tracts within any spacing unit by any existing pooling orders or any pooling agreements."

[¶33] The Commission believes Question 5 should be answered "No". As noted above, this language serves to prevent reallocation of production that was already allocated at the time the overlapping spacing unit was granted. It serves to protect the proportional allocation and clarifies Order No. 27791 does not modify, amend, or alter Order No. 18082 in any way.

#### **CONCLUSION**

[¶34] The Commission respectfully requests the Court answer the District Court's certified questions Yes, Yes, No, No, and No, respectively.

### Dated this 22<sup>nd</sup> day of July, 2022.

State of North Dakota Drew H. Wrigley Attorney General

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#### IN THE SUPREME COURT

#### STATE OF NORTH DAKOTA

Allen Dominek and Arlen Dominek,

Plaintiffs/Appellants,

V.

Equinor Energy L.P., f/k/a and a/k/a Brigham Oil & Gas L.P. and Statoil Oil and Gas L.P.; and Grayson Mill Williston, LLC,

Defendants/Appellees.

**CERTIFICATE OF COMPLIANCE** 

Supreme Ct. No. 20220088

U.S. District Court No. 1:19-cv-288

[¶1] The undersigned certifies pursuant to N.D. R. App. P. 32(a)(8)(A), that the Brief of BRIEF OF AMICUS CURIAE NORTH DAKOTA INDUSTRIAL COMMISSION IN SUPPORT OF DEFENDANTS/APPELLEES contains 18 pages.

[¶2] This brief has been prepared in a proportionally spaced typeface using Microsoft Office 365 word processing software in Times New Roman 12 point font.

Dated this 22<sup>nd</sup> day of July, 2022.

State of North Dakota Drew H. Wrigley Attorney General

By: /s/ Steven B. Nelson

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Attorneys for Amicus Curiae North Dakota Industrial Commission.

#### IN THE SUPREME COURT

#### STATE OF NORTH DAKOTA

Allen Dominek and Arlen Dominek,

Plaintiffs/Appellants,

V.

Equinor Energy L.P., f/k/a and a/k/a Brigham Oil & Gas L.P. and Statoil Oil and Gas L.P.; and Grayson Mill Williston, LLC,

Defendants/Appellees.

CERTIFICATE OF SERVICE BY ELECTRONIC MAIL

**Supreme Ct. No. 20220088** 

U.S. District Court No. 1:19-cv-288

[¶1] I hereby certify that on July 22, 2022, the following documents: BRIEF OF AMICUS CURIAE NORTH DAKOTA INDUSTRIAL COMMISSION IN SUPPORT OF DEFENDANTS/APPELLEES and CERTIFICATE OF COMPLIANCE were filed electronically with the Supreme Court through the E-Filing Portal which served copies by electronic mail upon all counsel of record as follows:

Spencer Douglas Ptacek at sptacek@fredlaw.com;

Lawrence Bender at Ibender@fredlaw.com;

Christina Ann Huckfeldt at christina.huckfeldt@gmlaw.com; and

Derrick Lance Braaten at derrick@braatenlawfirm.com.

State of North Dakota Drew H. Wrigley Attorney General

By:

/s/ Steven B. Nelson

Steven B. Nelson

Assistant Attorney General State Bar ID No. 09212 Office of Attorney General 500 North 9<sup>th</sup> Street

Bismarck, ND 58501-4509 Telephone (701) 328-3640 Facsimile (701) 328-4300 Email stnelson@nd.gov

Attorneys for Amicus Curiae North Dakota Industrial Commission.



## Affidavit of Publication

Liz Prather, being duly sworn, states as follows:

- 1. I am the designated agent, under the provisions and for the purposes of, Section 31-04-06, NDCC, for the newspapers listed on the attached exhibits.
- 2. The newspapers listed on the exhibits published the advertisement of: Oil and Gas Division - Beginning with case no 30604, 1 time(s) as required by law or ordinance.
- 3. All of the listed newspapers are legal newspapers in the State of North Dakota and, under the provisions of Section 46-05-01, NDCC, are qualified to publish any public notice or any matter required by law or ordinance to be printed or published in a newspaper in North Dakota.

State of North Dakota

County of Burleigh

Subscribed and sworn to before me this 28<sup>th</sup> day of November, 2023.

SHARON L. PETERSON **NOTARY PUBLIC** STATE OF NORTH DAKOTA

MY COMMISSION EXPIRES NOV. 08, 2025

NOTICE OF HEARING
N.D. INDUSTRIAL COMMISSION
OIL AND GAS DIVISION
OIL AND GAS DIVISION
The North Dakota Industrial Commission will hold a public hearing at
09:00 AM CST Friday, December 15,
2023 at N.D. Oil & Gas Division 1000
East Calgary Avenue Bismarck,
North Dakota. At the hearing the
Commission will receive testimony
and exhibits. Persons with any interest in the cases listed below, take noest in the cases listed below, take nolice... PERSONS WITH DISABILITIES: If at

tice.
PERSONS WITH DISABILITIES: If at the hearing you need special lacilities or assistance, contact the Oil and Gas Division at 701-328-8038 by Friday, December 01, 2023.
STATE OF NORTH DAKOTA TO:
Case No. 30604: Application of Thurmon Andress, Melissa Sandeler, Julie Sandeler, Lisa Sandeler, Floram Sandeler, March Sandeler, Floram Sandeler, Bob' Fullwiler, MCTAN Holdings, LP. Tejon Exploration, Inc., Randa, K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whilman Filu 13-34HSL1 (File No. 38533) section line wells based on their interests in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N. R. 986W., and Section 2, T.146N, R. 96W., Dunn County, ND, in the Oakdale Field.

Signed by, Doug Burgum, Governor Chairman, NDIC (Nov. 22, 2023) 277444

## \*\*\* Proof of Publication \*\*\*

State of Indiana ) ) SS:
County of Lake )
I,
OIL & GAS DIVISION
600 E BLVD AVE #405 BISMARCK, ND 58505
ORDER NUMBER 67267
Kann Sunll SIGNATURE
Sworn and subscribed to before me this $2$ day of
Notary Public in and for the State of Indiana
DAWN PENEG USE

NOTICE OF HEARING N.D. INDUSTRIAL COMMISSION OIL AND GAS DIVISION

The North Dakola Industrial Commission will hold a public hearing at 09:00 AM CST Friday, December 15, 2023 at N.D. Oil & Gas Division 1000 East Calgary Avenue Bismarck, North Dakota. At the hearing the Commission will receive testimony and exhibits. Persons with any interest in the cases listed below take notice.PERSONS WITH DISABILITIES: If at the hearing you need special facilities or assistance, contact the Oil and Gas Division at 701-328-8038 by Friday, December 01, 2023.

notice.PERSONS WITH DISABILITIES: If at the hearing you need special facilities or assistance, contact the Oil and Gas Division at 701-328-8038 by Friday, December 01, 2023.

STATE OF NORTH DAKOTA TO: Case No. 30604: Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP, Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSL1 (File No. 38533) section line wells based on their interests in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field. Signed by,

Doug Burgum, Governor Chairman, NDIC 11/20 - 67267 RECEIVES

DEC - 1 2023

MARRAI RESOURCES

Commission Number: 696125 My Commission Expires 01/31/25

Section: Legals

Category: 5380 Public Notices PUBLISHED ON: 11/20/2023

TOTAL AD COST:

63.20

FILED ON:

11/20/2023





## Affidavit of Publication

Liz Prather, being duly sworn, states as follows:

- 1. I am the designated agent, under the provisions and for the purposes of, Section 31-04-06, NDCC, for the newspapers listed on the attached exhibits.
- 2. The newspapers listed on the exhibits published the advertisement of: Oil and Gas Division, Oil and gas, case no 30604, 1 time(s), as required by law or ordinance.
- 3. All of the listed newspapers are legal newspapers in the State of North Dakota and, under the provisions of Section 46-05-01, NDCC, are qualified to publish any public notice or any matter required by law or ordinance to be printed or published in a newspaper in North Dakota.

State of North Dakota

County of Burleigh

Subscribed and sworn to before me this 16<sup>h</sup> day of May, 2024.

SHARON L. PETERSON **NOTARY PUBLIC** STATE OF NORTH DAKOTA

MY COMMISSION EXPIRES NOV. 08, 2025

NOTICE OF HEARING
N.D. INDUSTRIAL COMMISSION
OIL AND GAS DIVISION
The North Dakota Industrial Cormission will hold a public hearing at 09:00 AM Wednesday, June 05, 2024 at N.D. Oil & Gas Division 1000 East Calgary Avenue Bismarck, North Dakota, At the hearing the Commission will receive testimony and exhibits. Persons with any interest in the cases listed below, take notice.

notice. PERSONS WITH DISABILITIES: If

notice.

PERSONS WITH DISABILITIES: If at the hearing you need special facilities or assistance, contact the Oil and Gas Division at 701-328-8038 by Wednesday, May 22, 2024, STATE OF NORTH DAKOTA TO: Case No. 30604: (Continued) Application of Thurmon Andress, Melissa Sandeler, Julie Sandefer, Lisa Sandefer, The Sandefer, Lisa Sandefer, Mille Sande

Signed by, Doug Burgum, Governor Charman, NDIC (May. 8, 2024)



#### AFFIDAVIT OF PUBLICATION

State of Texas, County of Bexar, ss:

Laquansay Nickson Watkins, being first duly sworn, deposes and says: That (s)he is a duly authorized signatory of Column Software, PBC and duly authorized agent of The Bismarck Tribune, and that the publication(s) were made through The Bismarck Tribune on the following dates:

#### **PUBLICATION DATES:**

May. 8, 2024

NOTICE ID: aELy6asqjplJ4tmk91pP PUBLISHER ID: COL-ND-0069 NOTICE NAME: 6.5.24 Hearing Docket

Publication Fee: \$35.10

#### **VERIFICATION**

State of Texas County of Bexar



Robert Hollie III

133582194 COMMISSION EXPIRES

Subscribed in my presence and sworn to before me on this: 05/09/2024

Notary Public Electronically signed and notarized online using the Proof platform.

#### NOTICE OF HEARING N.D. INDUSTRIAL COMMISSION OIL AND GAS DIVISION

The North Dakota Industrial Commission will hold a public hearing at 09:00 AM CDT Wednesday, June 05, 2024 at N.D. Oil & Gas Division 1000 East Calgary Avenue Bismarck, North Dakota. At the hearing the Commission will receive testimony and exhibits. Persons with any interest in the cases listed below, take notice,

PERSONS WITH DISABILITIES: If at the hearing you need special facilities or assistance, contact the Oil and Gas Division at 701-328-8038 by Wednes-

day, May 22, 2024. STATE OF NORTH DAKOTA TO: Case No. 30604: (Continued) Application of Thurmon Andress, Melissa Sandefer, Julie Sandefer, Lisa Sandefer, Thomas Thompson, and Robert "Bob" Fulwiler, MCTAN Holdings, LP, Tejon Exploration, Inc., Randa K. Upp, and David Halbert, to consider the allocation of production attributable to them from the Carson Peak 4-35HSL (File No. 35272) and Whitman FIU 13-34HSL1 (File No. 38533) section line wells based on their interests in the underlying spacing unit consisting of Sections 23, 26 and 35, T.147N., R.96W., and Section 2, T.146N., R.96W., Dunn County, ND, in the Oakdale Field. Signed by. Doug Burgum, Governor

5/8 - COL-ND-0069

Chairman, NDIC