

BEFORE THE INDUSTRIAL COMMISSION  
OF THE STATE OF NORTH DAKOTA

CASE NO. 27047  
ORDER NO. 29493

IN THE MATTER OF A HEARING CALLED ON A MOTION OF THE COMMISSION TO CONSIDER THE APPLICATION OF WHITING OIL AND GAS CORP. FOR AN ORDER AMENDING THE APPLICABLE ORDERS FOR THE DUTCH HENRY BUTTE AND DICKINSON-BAKKEN POOLS TO ESTABLISH TWO 2560-ACRE SPACING UNITS DESCRIBED AS SECTIONS 9, 10, 15, AND 16; AND SECTIONS 15, 16, 21, AND 22, T.140N., R.97W., STARK COUNTY, ND, AND AUTHORIZE ONE HORIZONTAL WELL TO BE DRILLED ON EACH SUCH UNIT, AND FOR SUCH OTHER RELIEF AS MAY BE APPROPRIATE.

ORDER OF THE COMMISSION

THE COMMISSION FINDS:

- (1) This cause came on for hearing at 9:00 a.m. on the 14th day of November, 2018.
- (2) The witnesses for Whiting Oil and Gas Corporation (Whiting) provided telephonic testimony in this matter pursuant to North Dakota Administrative Code (NDAC) Section 43-02-03-88.2. Telephonic Communication Affidavits were received on November 16, 2018; therefore, such testimony may be considered evidence.
- (3) Whiting made application to the Commission for an order amending the applicable orders for the Dutch Henry Butte and Dickinson-Bakken Pools to establish two 2560-acre spacing units described as Sections 9, 10, 15, and 16; and Sections 15, 16, 21, and 22, Township 140 North, Range 97 West, Stark County, North Dakota (Sections 9, 10, 15, 16, 21, and 22), and authorize one horizontal well to be drilled on each such unit, and for such other relief as may be appropriate.
- (4) Sections 15 and 22 are currently a standup 1280-acre spacing unit in Zone III in the Dickinson-Bakken Pool.
- (5) Sections 16 and 21; Section 9 and Section 4, Township 140 North, Range 97 West (Section 4); and Section 10 and Section 3, Township 140 North, Range 97 West (Section 3), Stark County, North Dakota, are currently standup 1280-acre spacing units in Zone V in the Dutch Henry Butte-Bakken Pool, which allows up to five horizontal wells.

(6) In 2560-acre spacing units for lease-line horizontal wells, which necessarily overlap into two fields, the Commission should establish the 2560-acre spacing unit in the first field alphabetically.

(7) Order No. 26257 entered in Case No. 23915, the most recent spacing order for the Dickinson-Bakken Pool, established proper spacing for the development of Zone I at one horizontal well per 1280 acres, Zone II at up to four horizontal wells per 1280 acres, and Zone III at up to five horizontal wells per 1280 acres.

(8) Whiting's idealized development plan for the 2560-acre spacing unit described as Sections 9, 10, 15, and 16 is to drill one horizontal well in the first bench in the Three Forks Formation approximately down the east-west section lines between Sections 9 and 10; and Sections 15 and 16.

Whiting's idealized development plan for the 2560-acre spacing unit described as Sections 15, 16, 21, and 22 is to drill one horizontal well in the first bench in the Three Forks Formation approximately down the north-south section lines between Sections 15 and 22; and Sections 16 and 21.

Utilization of horizontal drilling technology as proposed would result in the wells being completed at a location or locations not in compliance with current applicable spacing orders for the Dickinson or Dutch Henry Butte-Bakken Pool. The horizontal well designs proposed may be preliminary and could be changed for various reasons which is permissible as long as the horizontal well design still justifies the spacing unit.

(9) The Commission believes that lease-line wells should be located approximately on the section lines with some allowance for local reservoir conditions and existing Bakken Pool wells. Current setback requirements in Bakken Pools for standup 1280-acre spacing units require a 500-foot setback from the east and west boundaries, and a 50-foot, 100-foot, or 150-foot setback from the north and south boundaries depending on the well bore construction. These setback requirements leave a minimum 100-foot, 150-foot, 200-foot, 250-foot, 300-foot, or 1000-foot window between adjacent horizontal wells in adjacent spacing units. The purpose of a lease-line horizontal well is to recover the reserves from these 100-foot, 150-foot, 200-foot, 250-foot, 300-foot, or 1000-foot windows without unfairly encroaching on an existing horizontal well completed in a spacing unit or unfairly encroaching on the mineral or leasehold interest if the acreage is undeveloped or underdeveloped.

(10) The Commission believes the closer the lateral is to the interior north-south or east-west section lines in a lease-line 2560-acre spacing unit, the more likely it is to drain reserves equally from the adjoining spacing units.

(11) The Commission must balance its duty to prevent waste and its duty to protect correlative rights. The Commission must weigh all factors and then issue a decision which best protects the correlative rights of all interested parties.

(12) The Commission understands not all development on both sides of a north-south or east-west lease-line will be symmetrical in all cases; therefore, the Commission should allow this

lease-line development to take place within a 500-foot corridor to best protect the correlative rights of all interested parties.

(13) The Commission has established a consistent well location corridor for all lease-line horizontal wells.

(14) There are three horizontal wells completed in the Dickinson-Bakken Pool in the standup 1280-acre spacing unit described as Sections 15 and 22. There are three horizontal wells completed in the Dutch Henry Butte-Bakken Pool in each standup 1280-acre spacing unit described as Sections 3 and 10; Sections 4 and 9; and Sections 16 and 21.

(15) There were no objections to this application.

(16) If Whiting's activities are successful, greater ultimate recovery of oil and gas from the pool will be achieved which will prevent waste and the drilling of unnecessary wells in a manner which will not have a detrimental effect on correlative rights.

IT IS THEREFORE ORDERED:

(1) Sections 15, 16\*, 21\*, and 22, Township 140 North, Range 97 West, Stark County, North Dakota, are hereby established as a 2560-acre spacing unit for the exclusive purpose of drilling one lease-line horizontal well on a north-south orientation within said spacing unit within the Dickinson-Bakken Pool and Zone IV is hereby created to include said spacing unit. Existing and future vertical and directional wells drilled within the spacing unit herein established shall not be subject to this order.

\*Sections 16 and 21 are within the Dutch Henry Butte Field.

(2) Sections 9\*, 10\*, 15, and 16\*, Township 140 North, Range 97 West, Stark County, North Dakota, are hereby established as a 2560-acre spacing unit for the exclusive purpose of drilling one lease-line horizontal well on an east-west orientation within said spacing unit within the Dickinson-Bakken Pool and Zone V is hereby created to include said spacing unit. Existing and future vertical and directional wells drilled within the spacing unit herein established shall not be subject to this order.

\*Sections 9, 10, and 16 are within the Dutch Henry Butte Field.

(3) The Director is hereby authorized to exercise continuing jurisdiction in this matter to determine whether a horizontal well proposed or drilled upon the 2560-acre spacing units herein established has justified the creation of such unit, to require amendments or modifications to the permit to drill for such horizontal well, and to deny a permit to drill in the event a well is proposed to be drilled in a manner inconsistent with the evidence that justified such spacing unit.

(4) Provisions established herein for the Dickinson-Bakken Pool are for the exclusive purpose of drilling horizontal wells. Existing and future vertical and directional wells drilled within the area defined in paragraph (5) below shall not be subject to this order.

(5) The Dickinson Field is hereby defined as the following described tracts of land in Stark County, North Dakota:

TOWNSHIP 140 NORTH, RANGE 97 WEST, 5TH PM

ALL OF SECTIONS 13, 14, 15, 22, 23, 24, 25, 26, 27, 33, 34, 35 AND 36,

TOWNSHIP 140 NORTH, RANGE 96 WEST, 5TH PM

ALL OF SECTIONS 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 26, 27, 28, 29, 30, 31, 32, 33 AND 35,

TOWNSHIP 139 NORTH, RANGE 97 WEST, 5TH PM

ALL OF SECTIONS 1, 2\*, 3\* AND 10\*, AND THE NE/4 OF SECTION 4,

\*The SW/4 SE/4, the S/2 SW/4, and the S/2 NW/4 SW/4 of Section 2, the E/2 SE/4 of Section 3, and the E/2 E/2 of Section 10 are also within the Eland Field.

TOWNSHIP 139 NORTH, RANGE 96 WEST, 5TH PM

ALL OF SECTIONS 5 AND 6.

(6) The Dickinson-Bakken Pool is hereby redefined as the following described tracts of land in Stark County, North Dakota:

ZONE I (1280H-STANDUP)

TOWNSHIP 140 NORTH, RANGE 97 WEST, 5TH PM

ALL OF SECTIONS 25, 26, 27, 34, 35 AND 36,

TOWNSHIP 140 NORTH, RANGE 96 WEST, 5TH PM

ALL OF SECTIONS 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 26 AND 35,

TOWNSHIP 139 NORTH, RANGE 97 WEST, 5TH PM

ALL OF SECTIONS 3\* AND 10\*.

\*The E/2 SE/4 of Section 3, and the E/2 E/2 of Section 10 are also within the Eland Field.

ZONE II (4/1280H-STANDUP)

TOWNSHIP 140 NORTH, RANGE 97 WEST, 5TH PM

ALL OF SECTIONS 13, 14, 23 AND 24,

TOWNSHIP 140 NORTH, RANGE 96 WEST, 5TH PM

ALL OF SECTIONS 6 AND 7.

ZONE III (5/1280H-STANDUP)

TOWNSHIP 140 NORTH, RANGE 97 WEST, 5TH PM

ALL OF SECTIONS 15 AND 22,

TOWNSHIP 140 NORTH, RANGE 96 WEST, 5TH PM

ALL OF SECTIONS 5 AND 8.



ZONE IV (2560H-NORTH/SOUTH ORIENTATION-LEASE-LINE)

TOWNSHIP 140 NORTH, RANGE 97 WEST, 5TH PM

ALL OF SECTIONS 14, 15, 16\*, 21\*, 22 AND 23.

\*Sections 16 and 21 are within the Dutch Henry Butte Field.

ZONE V (2560H-EAST/WEST ORIENTATION-LEASE-LINE)

TOWNSHIP 140 NORTH, RANGE 97 WEST, 5TH PM

ALL OF SECTIONS 9\*, 10\*, 15 AND 16\*.

\*Sections 9, 10, and 16 are within the Dutch Henry Butte Field.

(7) The Dickinson-Bakken Pool is hereby defined as that accumulation of oil and gas found in the interval from below the base of the Lodgepole Formation to 100 feet below the top of the Three Forks Formation within the limits of the field as set forth above.

(8) All portions of the well bore not isolated by cement of any horizontal well in the Dickinson-Bakken Pool shall adhere to the following requirements unless specifically provided for in the respective zone below unless granted an exception by the Commission after due notice and hearing:

- (a) Measurement inaccuracies in the directional survey equipment need not be considered except when deemed necessary by the Director.
- (b) The lateral, heel portion of the lateral, or toe portion of the lateral in horizontal well bores shall be no closer than 500 feet to the most nearly parallel spacing unit boundary.
- (c) The Director is hereby authorized to reduce the setback from 500 feet to 200 feet for horizontal well bores where the angle of the heel portion of the lateral and the respective spacing unit boundary is less than 45° through the issuance of permit stipulations, whenever, in his opinion, the applicant has demonstrated that correlative rights will be protected.
- (d) The heel portion of the lateral in horizontal well bores where the angle of such is greater than 45° from the respective most nearly perpendicular spacing unit boundary, shall be no closer than 150 feet to said boundary.
- (e) The lateral or toe portion of the lateral in horizontal well bores where the angle of such is greater than 45° from the respective most nearly perpendicular spacing unit boundary, shall adhere to the following:
  - (i) For horizontal wells completed open hole, the total depth of the well bore shall be no closer than 150 feet to the boundary of the spacing unit;
  - (ii) For horizontal wells completed with the production liner or casing cemented in the lateral, the total depth of the well bore shall be no closer than 50 feet to

the boundary of the spacing unit, unless the horizontal well is stimulated through the shoe at the toe of the lateral whereby the total depth of the well bore shall be no closer than 150 feet to the boundary of the spacing unit; and

- (iii) For horizontal wells completed with the production liner or casing externally isolated in the lateral by the use of packers, the total depth of the well bore shall be no closer than 100 feet to the boundary of the spacing unit unless the horizontal well is stimulated through the shoe at the toe of the lateral whereby the total depth of the well bore shall be no closer than 150 feet to the boundary of the spacing unit.

(9) The Application for Permit to Drill (Form 1) for a horizontal well to be completed in the Dickinson-Bakken Pool shall include a well schematic which depicts the:

- (a) Proposed production casing setting depth at the heel relative to the spacing unit boundary;
- (b) Proposed completion style as open hole lateral, cemented liner or casing in the lateral, liner or casing externally isolated in the lateral by the use of packers, or other completion style; and
- (c) Proposed toe of the lateral including the location of the deepest perforation, completion sleeve, and/or external isolation packer.

(10) The Completion Report (Form 6) for a horizontal well completed in the Dickinson-Bakken Pool shall include a well schematic which depicts the:

- (a) Production casing setting depth at the heel relative to the spacing unit boundary;
- (b) Completion style as open hole lateral, cemented liner or casing in the lateral, liner or casing externally isolated in the lateral by the use of packers, or other completion style; and
- (c) Toe of the lateral including the location of the deepest perforation, completion sleeve, and/or external isolation packer.

(11) The proper spacing for the development of Zone I in the Dickinson-Bakken Pool is hereby set at one horizontal well per standup 1280-acre spacing unit.

(12) Sections 25 and 36; Sections 26 and 35; Sections 27 and 34, Township 140 North, Range 97 West; Sections 14 and 23; Sections 15 and 22; Sections 16 and 21; Sections 17 and 20; Sections 18 and 19; Sections 26 and 35, Township 140 North, Range 96 West; and Sections 3\* and 10\*, Township 139 North, Range 97 West, Stark County, North Dakota, are hereby designated standup 1280-acre spacing units in Zone I in the Dickinson-Bakken Pool.

\*The E/2 SE/4 of Section 3, and the E/2 E/2 of Section 10 are also within the Eland Field.

(13) Spacing units hereafter created in Zone I in the Dickinson-Bakken Pool shall be standup spacing units consisting of two adjacent governmental sections.

(14) Zone I in the Dickinson-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.

(15) The proper spacing for the development of Zone II in the Dickinson-Bakken Pool is hereby set at up to four horizontal wells per standup 1280-acre spacing unit.

(16) Sections 13 and 24; and Sections 14 and 23, Township 140 North, Range 97 West; and Sections 6 and 7, Township 140 North, Range 96 West, Stark County, North Dakota, are hereby designated standup 1280-acre spacing units in Zone II in the Dickinson-Bakken Pool.

(17) Spacing units hereafter created in Zone II in the Dickinson-Bakken Pool shall be standup spacing units consisting of two adjacent governmental sections.

(18) Zone II in the Dickinson-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.

(19) The proper spacing for the development of Zone III in the Dickinson-Bakken Pool is hereby set at up to five horizontal wells per standup 1280-acre spacing unit.

(20) Sections 15 and 22, Township 140 North, Range 97 West; and Sections 5 and 8, Township 140 North, Range 96 West, Stark County, North Dakota, are hereby designated standup 1280-acre spacing units in Zone III in the Dickinson-Bakken Pool.

(21) Spacing units hereafter created in Zone III in the Dickinson-Bakken Pool shall be standup spacing units consisting of two adjacent governmental sections.

(22) Zone III in the Dickinson-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.

(23) The proper spacing for the development of Zone IV in the Dickinson-Bakken Pool is hereby set at one lease-line horizontal well per 2560-acre spacing unit drilled on a north-south orientation.

(24) All portions of the well bore not isolated by cement of any horizontal well in Zone IV in the Dickinson-Bakken Pool shall be located approximately down the north-south axis and comply with paragraph (8) above.

(25) Sections 14, 15, 22, and 23; and Sections 15, 16\*, 21\*, and 22, Township 140 North, Range 97 West, Stark County, North Dakota, are hereby designated 2560-acre spacing units in Zone IV in the Dickinson-Bakken Pool.

\*Sections 16 and 21 are within the Dutch Henry Butte Field.

(26) Spacing units hereafter created in Zone IV in the Dickinson-Bakken Pool shall consist of four adjacent governmental sections designated by the Commission.

(27) Zone IV in the Dickinson-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.

(28) The proper spacing for the development of Zone V in the Dickinson-Bakken Pool is hereby set at one lease-line horizontal well per 2560-acre spacing unit drilled on an east-west orientation.

(29) All portions of the well bore not isolated by cement of any horizontal well in Zone V in the Dickinson-Bakken Pool shall be located approximately down the east-west axis and comply with paragraph (8) above.

(30) Sections 9\*, 10\*, 15, and 16\*, Township 140 North, Range 97 West, Stark County, North Dakota, are hereby designated a 2560-acre spacing unit in Zone V in the Dickinson-Bakken Pool.

\*Sections 9, 10, and 16 are within the Dutch Henry Butte Field.

(31) Spacing units hereafter created in Zone V in the Dickinson-Bakken Pool shall consist of four adjacent governmental sections designated by the Commission.

(32) Zone V in the Dickinson-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.

(33) The operator of any horizontally drilled well in the Dickinson-Bakken Pool shall cause to be made a directional survey of the well bore. The directional survey contractor shall file a certified survey with the Commission within 30 days after completion of the well in accordance with NDAC Section 43-02-03-25. The survey shall be of sufficient quality to enable the Commission to determine the entire completion location of the well and its terminus.

(34) The Director is hereby authorized to exercise continuing jurisdiction to determine whether any well proposed or drilled upon any spacing unit herein established has justified the creation of such unit, to require amendments or modifications to the permit to drill for such well, and to deny a permit to drill in the event a well is proposed to be drilled in a manner inconsistent with the evidence that justified the spacing requirements in the Dickinson-Bakken Pool.

(35) The Commission shall have continuing jurisdiction in this matter and specifically reserves the authority, upon its own motion or the motion of any interested party, to: (1) review the spacing requirements for the Dickinson-Bakken Pool; (2) determine whether the separate zones of spacing established herein are warranted; and, (3) make such further amendments or modifications to the spacing requirements for the Dickinson-Bakken Pool as the Commission deems appropriate.

(36) No well shall be hereafter drilled or produced in the Dickinson-Bakken Pool, as defined herein, except in conformity with the regulations above without special order of the Commission after due notice and hearing.

(37) The following rules concerning the casing, tubing and equipping of wells shall apply to the subsequent drilling and operation of wells in the Dickinson-Bakken Pool:

- (a) The surface casing shall consist of new or reconditioned pipe that has been previously tested to 1000 pounds per square inch. The casing shall be set and cemented at a point not less than 50 feet below the base of the Fox Hills Formation. Sufficient cement shall be used to fill the annular space outside the pipe to the surface of the ground or the bottom of the cellar, and sufficient scratchers and centralizers shall be used to assure a good cement job. Cement shall be allowed to stand a minimum of 12 hours before drilling the plug or initiating tests. The quality of cement shall conform to the standards provided under NDAC Section 43-02-03-21. After cementing, the casing shall be tested by application of pump pressure of at least 1000 pounds per square inch. If, at the end of 30 minutes this pressure has dropped 100 pounds per square inch or more, the casing shall be repaired. Thereafter, the casing shall again be tested in the same manner. Further work shall not proceed until a satisfactory test has been obtained;
- (b) The producing or oil string shall consist of new or reconditioned pipe that has been previously tested to 2000 pounds per square inch. Casing shall be set and cemented at a point not higher than the top of the producing formation, or at a point approved by the Director. Sufficient cement shall be used and applied in such manner to protect and isolate all formations containing oil and/or gas, protect the pipe through salt sections encountered, and to isolate the Dakota-Lakota Series. The cement shall be allowed to stand a minimum of 15 hours before drilling the plug or initiating tests. The quality of cement shall conform to the standards provided under NDAC Section 43-02-03-21. After cementing, the casing shall be tested by application of pump pressure of at least 1500 pounds per square inch. If, at the end of 30 minutes this pressure has dropped 150 pounds per square inch or more, the casing shall be repaired. Thereafter, the casing shall again be tested in the same manner. Further work shall not proceed until a satisfactory test has been obtained;
- (c) All well-head fittings and connections shall have a working pressure in excess of that to which they are expected to be subjected; and,
- (d) All wells shall be equipped with tubing; a tubing packer must also be utilized in flowing wells unless a waiver is obtained from the Director after demonstrating the casing will not be subjected to excessive pressure or corrosion; all tubing shall be of sufficient internal diameter to allow the passage of a bottom hole pressure gauge for the purpose of obtaining bottom hole pressure measurements.

(38) The gas-oil ratio of all wells not connected to a gas gathering system shall be measured annually during the month of May. The reservoir pressure shall be measured in any well completed in the Dickinson-Bakken Pool if deemed necessary by the Director. Drill stem test pressures are acceptable for determining reservoir pressure. Pressure measurements shall be made at or adjusted to a subsea datum of 7450 feet. All gas-oil ratio and reservoir pressure determinations shall be made by methods approved by the Director and reported to the Director within 15 days following the end of the month in which they are determined. The Director is authorized to waive these requirements if the necessity therefor can be demonstrated to his satisfaction. All additional gas-oil

ratio and reservoir pressure determinations conducted on any well, but not specially required herein, shall be reported to the Director within 15 days following the end of the month in which they are determined.

(39) No saltwater, drilling mud, crude oil, or waste oil shall be stored in pits in this field, except in an emergency, and approved by the Director.

(40) The first horizontal well completed in each Dickinson-Bakken Pool non-overlapping spacing unit shall be allowed to produce at a maximum efficient rate.

(41) All wells completed in the Dickinson-Bakken Pool that have received an exemption to North Dakota Century Code Section 38-08-06.4 shall be allowed to produce at a maximum efficient rate.

(42) All infill horizontal wells, including overlapping spacing units, completed in the Dickinson-Bakken Pool, shall be allowed to produce at a maximum efficient rate for a period of 90 days commencing on the first day oil is produced through well-head equipment into tanks from the ultimate producing interval after casing has been run; after that, such wells shall be allowed to continue to produce at a maximum efficient rate if the well or operator meets or exceeds the Commission approved gas capture goals. The gas capture percentage shall be calculated by summing monthly gas sold plus monthly gas used on lease plus monthly gas processed in a Commission approved beneficial manner, divided by the total monthly volume of associated gas produced by the operator. The operator is allowed to remove the initial 14 days of flowback gas in the total monthly volume calculation. The Commission will accept compliance with the gas capture goals by well, field, county, or statewide by operator. If such gas capture percentage is not attained at maximum efficient rate, the well(s) shall be restricted to 200 barrels of oil per day if at least 60% of the monthly volume of associated gas produced from the well is captured, otherwise oil production from such wells shall not exceed 100 barrels of oil per day.

The Commission will recognize the following as surplus gas being utilized in a beneficial manner:

- (a) Equipped with an electrical generator that consumes surplus gas from the well;
- (b) Equipped with a system that intakes the surplus gas and natural gas liquids volume from the well for beneficial consumption by means of compression to liquid for use as fuel, transport to a processing facility, production of petrochemicals or fertilizer, conversion to liquid fuels, separating and collecting the propane and heavier hydrocarbons; and
- (c) Equipped with other value-added processes as approved by the Director which reduce the volume or intensity of the flare by more than 60%.

(43) If the flaring of gas produced with crude oil from the Dickinson-Bakken Pool is determined by the North Dakota Department of Health as causing a violation of the North Dakota Air Pollution Control Rules (NDAC Article 33-15), production from the pool may be further restricted.

(44) This order shall cover all of the Dickinson-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.

Dated this 19th day of February, 2019.

INDUSTRIAL COMMISSION  
STATE OF NORTH DAKOTA

By the Director, on behalf of the Commission

/s/ Lynn D. Helms, Director

SFN 5729

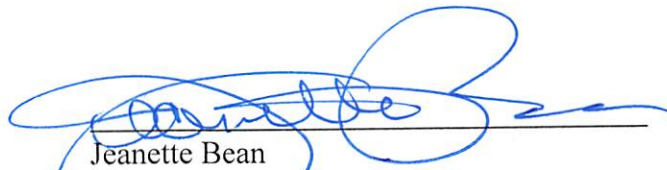
STATE OF NORTH DAKOTA

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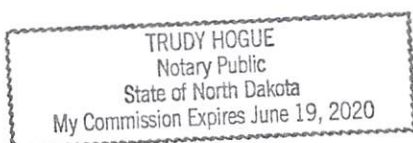
COUNTY OF BURLEIGH

I, Jeanette Bean, being duly sworn upon oath, depose and say: That on the 6<sup>th</sup> day of March, 2019 enclosed in separate envelopes true and correct copies of the attached Order No. 29493 of the North Dakota Industrial Commission, and deposited the same with the United States Postal Service in Bismarck, North Dakota, with postage thereon fully paid, directed to the following persons by the Industrial Commission in Case No. 27047:

CROWLEY FLECK PLLP  
PO BOX 2798  
BISMARCK ND 58502

  
\_\_\_\_\_  
Jeanette Bean  
Oil & Gas Division

On this 6<sup>th</sup> day of March, 2019 before me personally appeared Jeanette Bean to me known as the person described in and who executed the foregoing instrument and acknowledged that she executed the same as her free act and deed.



  
\_\_\_\_\_  
Notary Public  
State of North Dakota, County of Burleigh



**From:** [Lisa Herberholz](#)  
**To:** [Hicks, Bruce E.](#)  
**Cc:** [Kadrmaz, Bethany R.](#)  
**Subject:** Whiting Telephonic Affidavits  
**Date:** Friday, November 16, 2018 2:05:23 PM  
**Attachments:** [Whiting - Betts Telephonic Aff 27044-27049.pdf](#)  
[Whiting - Hillix Telephonic Aff 27044-27049.pdf](#)  
[Whiting - Kruljac Telephonic Aff 27044-27049.pdf](#)

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

Attached please find telephonic affidavits in Case Nos. 27044-27049. Thank you.

Lisa

**CROWLEY | FLECK** PLLP  
ATTORNEYS  
*Lisa Herberholz*  
Administrative Assistant  
Crowley Fleck PLLP  
100 West Broadway Avenue, Suite 250  
P.O. Box 2798  
Bismarck, ND 58502-2798  
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✉ [lherberholz@crowleyfleck.com](mailto:lherberholz@crowleyfleck.com)

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**TELEPHONIC COMMUNICATION AFFIDAVIT**

**Industrial Commission of North Dakota**

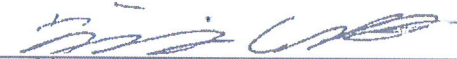
**Oil and Gas Division**

**600 East Boulevard, Dept. 405**

**Bismarck, ND 58505-0840**

This affidavit is made to comply with North Dakota Administrative Code Section 43-02-03-88.2.

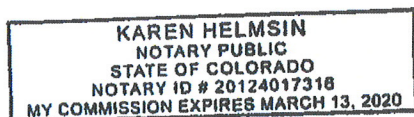
I, Benjamin Betts, do hereby confirm that I presented testimony under oath in North Dakota Industrial Commission Case Numbers 27044, 27045, 27046, 27047, 27048 and 27049 on November 14, 2018. My testimony was presented by telephone from (303) 837-1661, Whiting Oil and Gas Corporation, 1700 Broadway, Suite 2300, Denver, CO 80290-2300.

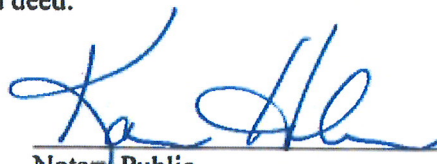
  
(Affiant's Signature)

STATE OF COLORADO     )  
  ) ss.  
COUNTY OF DENVER     )

On November 16, 2018, Benjamin Betts, known to me to be the person described in and who executed the foregoing instrument, personally appeared before me and acknowledged that he executed the same as a free act and deed.

( S E A L )



  
Notary Public  
State of Colorado, County of Denver  
My Commission Expires: 03/13/20

**TELEPHONIC COMMUNICATION AFFIDAVIT**  
**Industrial Commission of North Dakota**  
**Oil and Gas Division**  
**600 East Boulevard, Dept. 405**  
**Bismarck, ND 58505-0840**

This affidavit is made to comply with North Dakota Administrative Code Section 43-02-03-88.2.

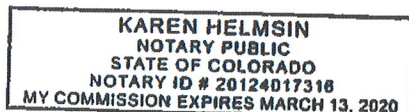
I, Michael Hillix, do hereby confirm that I presented testimony under oath in North Dakota Industrial Commission Case Numbers 27044, 27045, 27046, 27047, 27048 and 27049 on November 14, 2018. My testimony was presented by telephone from (303) 837-1661, Whiting Oil and Gas Corporation, 1700 Broadway, Suite 2300, Denver, CO 80290-2300.

M. Hillix  
(Affiant's Signature)

STATE OF COLORADO    )  
                                  ) ss.  
COUNTY OF DENVER    )

On November 16, 2018, Michael Hillix, known to me to be the person described in and who executed the foregoing instrument, personally appeared before me and acknowledged that he executed the same as a free act and deed.

( S E A L )

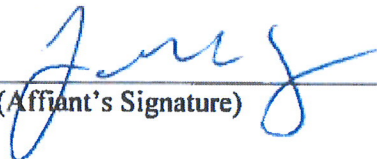


K. Helmsin  
Notary Public  
State of Colorado, County of Denver  
My Commission Expires: 03-13-20

**TELEPHONIC COMMUNICATION AFFIDAVIT**  
**Industrial Commission of North Dakota**  
**Oil and Gas Division**  
**600 East Boulevard, Dept. 405**  
**Bismarck, ND 58505-0840**

This affidavit is made to comply with North Dakota Administrative Code Section 43-02-03-88.2.

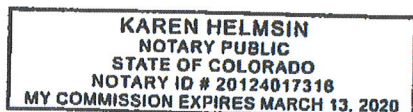
I, Chance Kruljac, do hereby confirm that I presented testimony under oath in North Dakota Industrial Commission Case Numbers 27044, 27045, 27046, 27047, 27048 and 27049 on November 14, 2018. My testimony was presented by telephone from (303) 837-1661, Whiting Oil and Gas Corporation, 1700 Broadway, Suite 2300, Denver, CO 80290-2300.

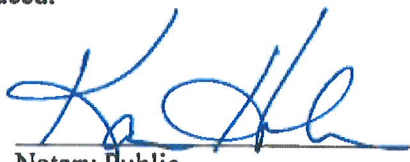
  
(Affiant's Signature)

STATE OF COLORADO    )  
                                  ) ss.  
COUNTY OF DENVER    )

On November 16, 2018, Chance Kruljac, known to me to be the person described in and who executed the foregoing instrument, personally appeared before me and acknowledged that he executed the same as a free act and deed.

(SEAL)



  
Notary Public  
State of Colorado, County of Denver  
My Commission Expires: 03-13-20



**CASE NO. 27047**

**Application of Whiting Oil and Gas Corp. for an order amending the applicable orders for the Dutch Henry Butte and Dickinson-Bakken Pools to establish two 2560-acre spacing units described as Sections 9, 10, 15 and 16; and Sections 15, 16, 21 and 22, T.140N., R.97W., Stark County, ND, and authorize one horizontal well to be drilled on each such unit, and for such other relief as may be appropriate.**

**BEFORE THE  
NORTH DAKOTA INDUSTRIAL COMMISSION  
BISMARCK, NORTH DAKOTA**

**NOVEMBER 14, 2018**



**CASE NO. 27047**

**INDEX**

- **Exhibit L-1: Locator Map**
- **Exhibit L-2: Land Map & Working Interest Ownership**
  - ❖ **L-2.1 - 9/10/15/16-140N-97W**
  - ❖ **L-2.2 - 15/16/21/22-140N-97W**
- **Exhibit G-1: Structure Map**
- **Exhibit G-2: Cross Section with Type Log**
- **Exhibit E-1: Wellbore Map**
  - ❖ **E-1.1 - 9/10/15/16-140N-97W**
  - ❖ **E-1.2 - 15/16/21/22-140N-97W**
- **Exhibit E-2: Reservoir Data and Economics**
  - ❖ **E-2.1 – 2560-Acre Spacing Unit**
- **Exhibit E-3: Gas Capture Plan**





Whiting Petroleum Corporation  
and its wholly owned subsidiary  
Whiting Oil and Gas Corporation

# LOCATOR MAP

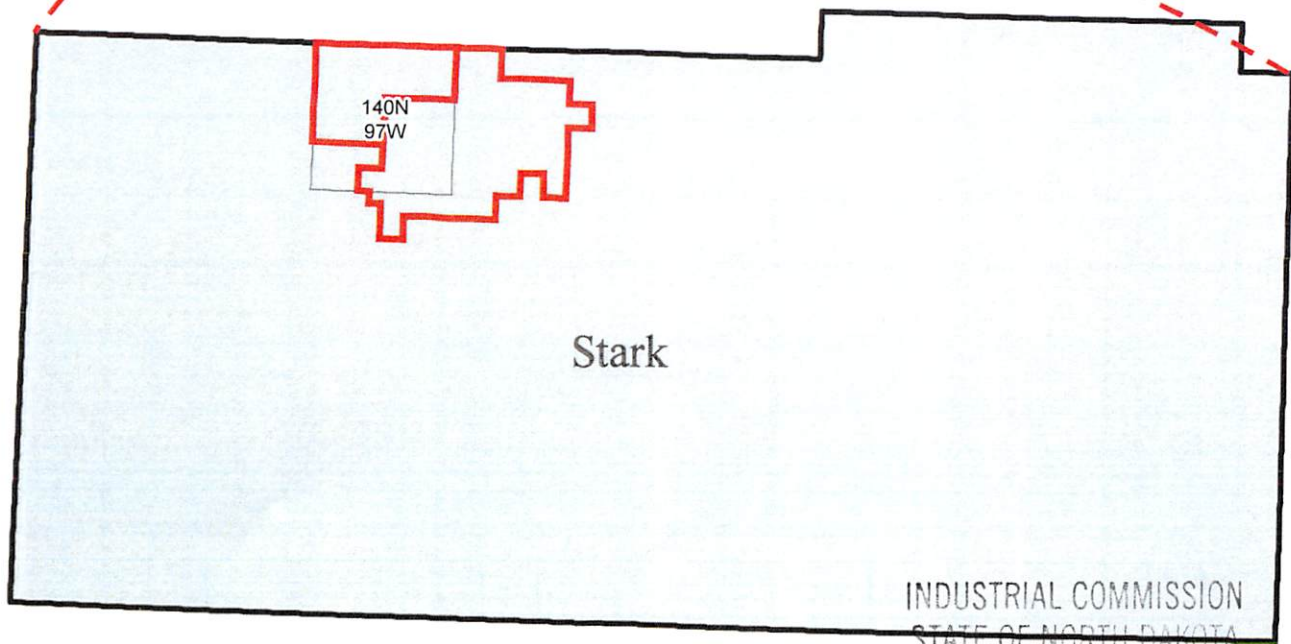
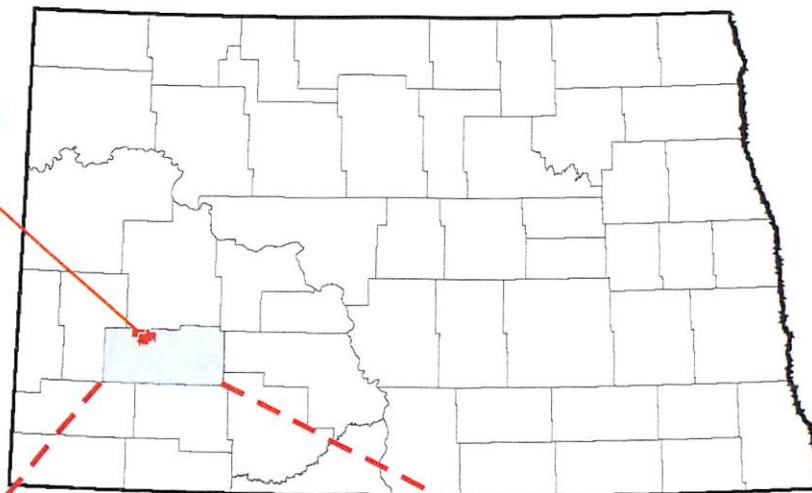
Dutch Henry Butte &  
Dickinson Fields

Stark County, North Dakota

Chance Kruljac

Case No. 27047 | Exhibit L1 | November 14, 2018

Field Boundary:  
Dutch Henry Butte &  
Dickinson Fields  
Bakken Pool



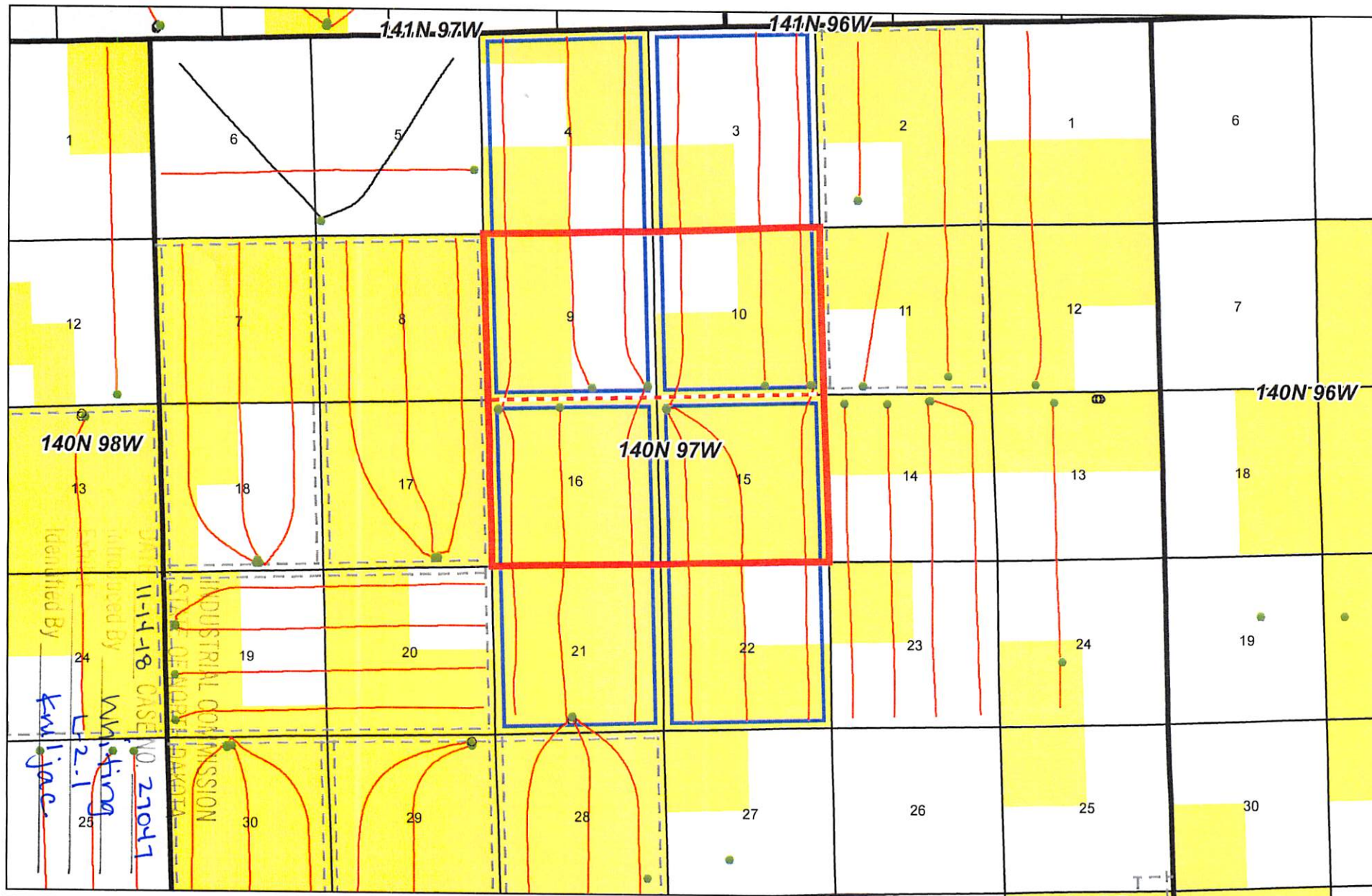
INDUSTRIAL COMMISSION  
STATE OF NORTH DAKOTA



DATE 11-14-18 CASE NO. 27047

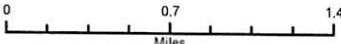
Introduced By Whiting

Exhibit L1

Identified By Kruljac



<b>Proposed Lateral</b> - - - Three Forks <b>Existing Laterals</b> — Bakken — Three Forks	<b>Spacing Units</b> <div style="border: 2px solid red; width: 20px; height: 10px; display: inline-block;"></div> Proposed Unit Whiting's Working Interest (55.95%) <div style="border: 2px solid blue; width: 20px; height: 10px; display: inline-block;"></div> Force Pooled Spacing <div style="border-top: 1px dashed blue; width: 20px; height: 10px; display: inline-block;"></div> Existing Spacing <div style="background-color: yellow; width: 20px; height: 10px; display: inline-block;"></div> Whiting Leasehold	 <b>Whiting Oil and Gas Corporation</b>	<b>LAND PLAT</b> Exhibit L-2.1 Page 1   <b>Case # 27047</b> Presented by: C. Kruljac November 14, 2018	
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**WORKING INTEREST OWNERSHIP FOR OVERLAPPING SPACING UNIT:**

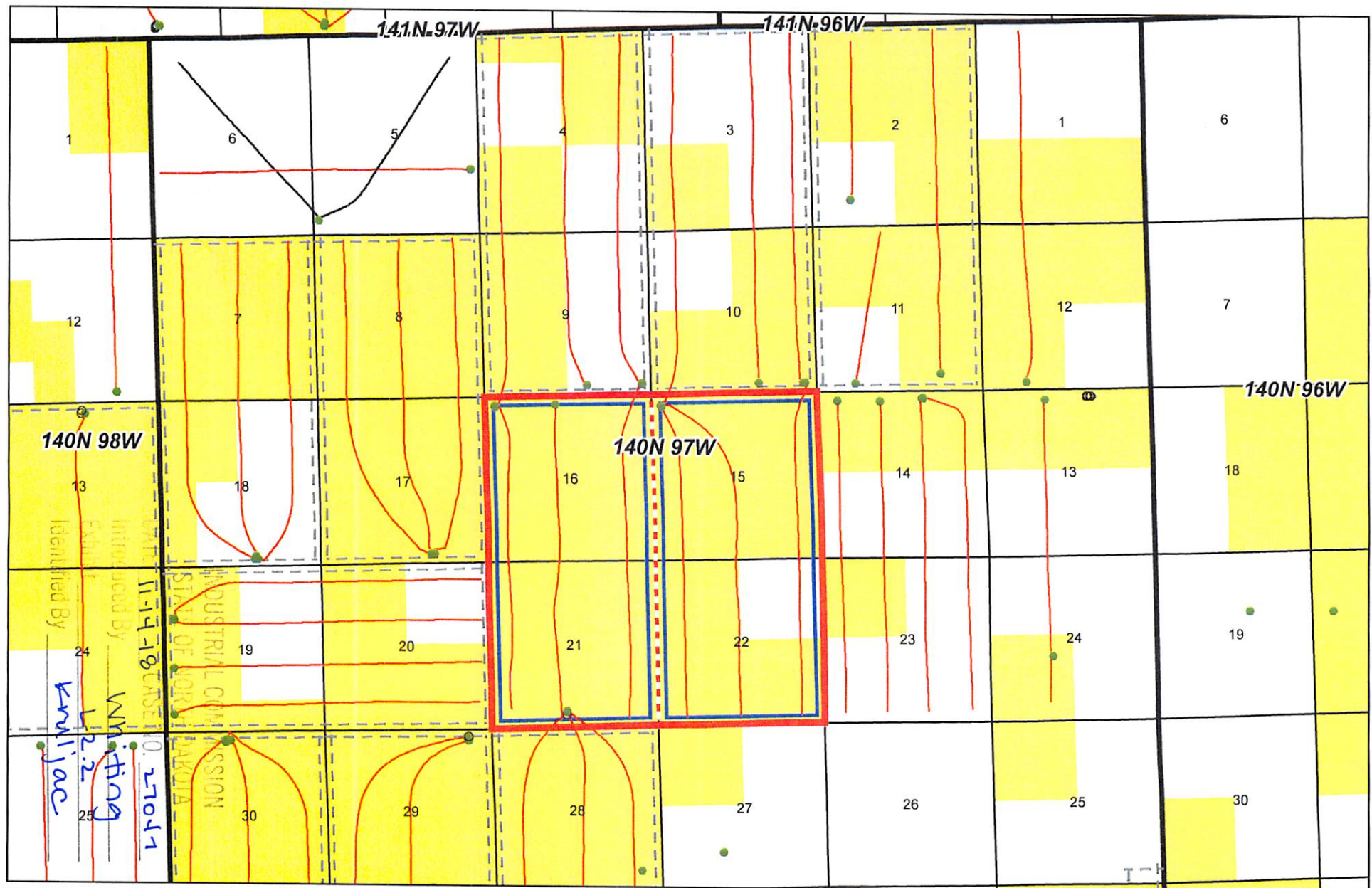
Well #421		All of Sections 9, 10, 15 & 16, T140N-R97W																																					
Description of Underlying Pooled Unit and Initial Test Well:	Ac. Allocated to New DSU:	Allocation % to new DSU:	Description of Underlying Pooled Unit and Initial Test Well:	Ac. Allocated to New DSU:	Allocation % to new DSU:																																		
All of 3 & 10, 140/97	640.00	25.000000%	All of 4 & 9, 140/97	640.00	25.000000%																																		
Buresh 34-10TFH	Operator - Whiting	1ND099858	Marsh 34-9PH	Operator - Whiting	1ND099874																																		
<table><tr><td>Name</td><td>Interest</td></tr><tr><td>OTHERS</td><td>0.00176858</td></tr><tr><td>BURLINGTON RESOURCES O&amp;G CO LP</td><td>0.32087324</td></tr><tr><td>KAISER FRANCIS OIL CO</td><td>0.11318779</td></tr><tr><td>NORTHERN OIL &amp; GAS INC</td><td>0.12501807</td></tr><tr><td>WHITING OIL AND GAS CORPORATION</td><td>0.43915232</td></tr><tr><td></td><td>1.00000000</td></tr></table>			Name	Interest	OTHERS	0.00176858	BURLINGTON RESOURCES O&G CO LP	0.32087324	KAISER FRANCIS OIL CO	0.11318779	NORTHERN OIL & GAS INC	0.12501807	WHITING OIL AND GAS CORPORATION	0.43915232		1.00000000	<table><tr><td>Name</td><td>Interest</td></tr><tr><td>CONTINENTAL RESOURCES INC</td><td>0.07677656</td></tr><tr><td>OTHERS</td><td>0.01535532</td></tr><tr><td>NORTHERN OIL &amp; GAS INC</td><td>0.46467258</td></tr><tr><td>WHITING OIL AND GAS CORPORATION</td><td>0.44319554</td></tr><tr><td></td><td>1.00000000</td></tr></table>			Name	Interest	CONTINENTAL RESOURCES INC	0.07677656	OTHERS	0.01535532	NORTHERN OIL & GAS INC	0.46467258	WHITING OIL AND GAS CORPORATION	0.44319554		1.00000000								
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	1.00000000																																						

Acreage in new spacing unit: 2,560.00

Ownership in new spacing unit:

WHITING OIL AND GAS CORPORATION	0.55946126
NORTHERN OIL & GAS INC	0.18630637
BURLINGTON RESOURCES O&G CO LP	0.11146831
KAISER FRANCIS OIL CO	0.05954695
CONTINENTAL RESOURCES INC	0.01919414
OTHERS	0.06402298
TOTAL	1.00000000

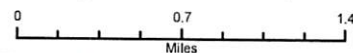
 Whiting Oil and Gas Corporation	
LAND PLAT	
Case #27047	Exhibit L-2.1 Page 2
C. Kruljac	November 14, 2018



- Proposed Lateral**
- Three Forks
- Existing Laterals**
- Bakken
  - Three Forks
- Spacing Units**
- Proposed Unit  
Whiting's Working Interest (67.77%)
  - Force Pooled Spacing
  - Existing Spacing
  - Whiting Leasehold



Whiting Oil and Gas Corporation



## LAND PLAT

Exhibit L-2.2 Page 1 | Case # 27047

Presented by: C. Kruljac  
November 14, 2018




**WORKING INTEREST OWNERSHIP FOR OVERLAPPING SPACING UNIT:**

Well #424		All of Sections 15, 16, 21, & 22, T140N-R97W						
Description of Underlying Pooled Unit and Initial Test Well:		Ac. Allocated to New DSU:	Allocation % to new DSU:	Description of Underlying Pooled Unit and Initial Test Well:	Ac. Allocated to New DSU:	Allocation % to new DSU:		
All of 16 & 21, 140/97		1280.00	50.000000%	All of 15 & 22, 140/97	1280.00	50.000000%		
Marsh 21-16TFH-R		Operator - Whiting 1ND099851		Havelka 11-15PH	Operator - Whiting 1ND099922			
Name			Interest		Name		Interest	
ROY & OPAL BARTON REVOCABLE			0.01041667		IRISH OIL & GAS INC			0.01562500
BURLINGTON RESOURCES O&G CO LP			0.12500000		KAISER FRANCIS OIL CO			0.12500000
CHESAPEAKE EXPLORATION LLC			0.03340332		MERIDIAN 102 LP			0.01661459
NORTHERN OIL & GAS INC			0.02213541		MISSOURI RIVER ROYALTY CORP			0.02143750
OTHERS			0.07763118		NORTHERN OIL & GAS INC			0.13339940
WHITING OIL AND GAS CORPORATION			0.73141342		OTHERS			0.06383977
			1.00000000		WHITING OIL AND GAS CORPORATION			0.62408374
								1.00000000

Acreage in new spacing unit: 2,560.00

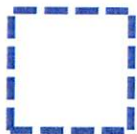
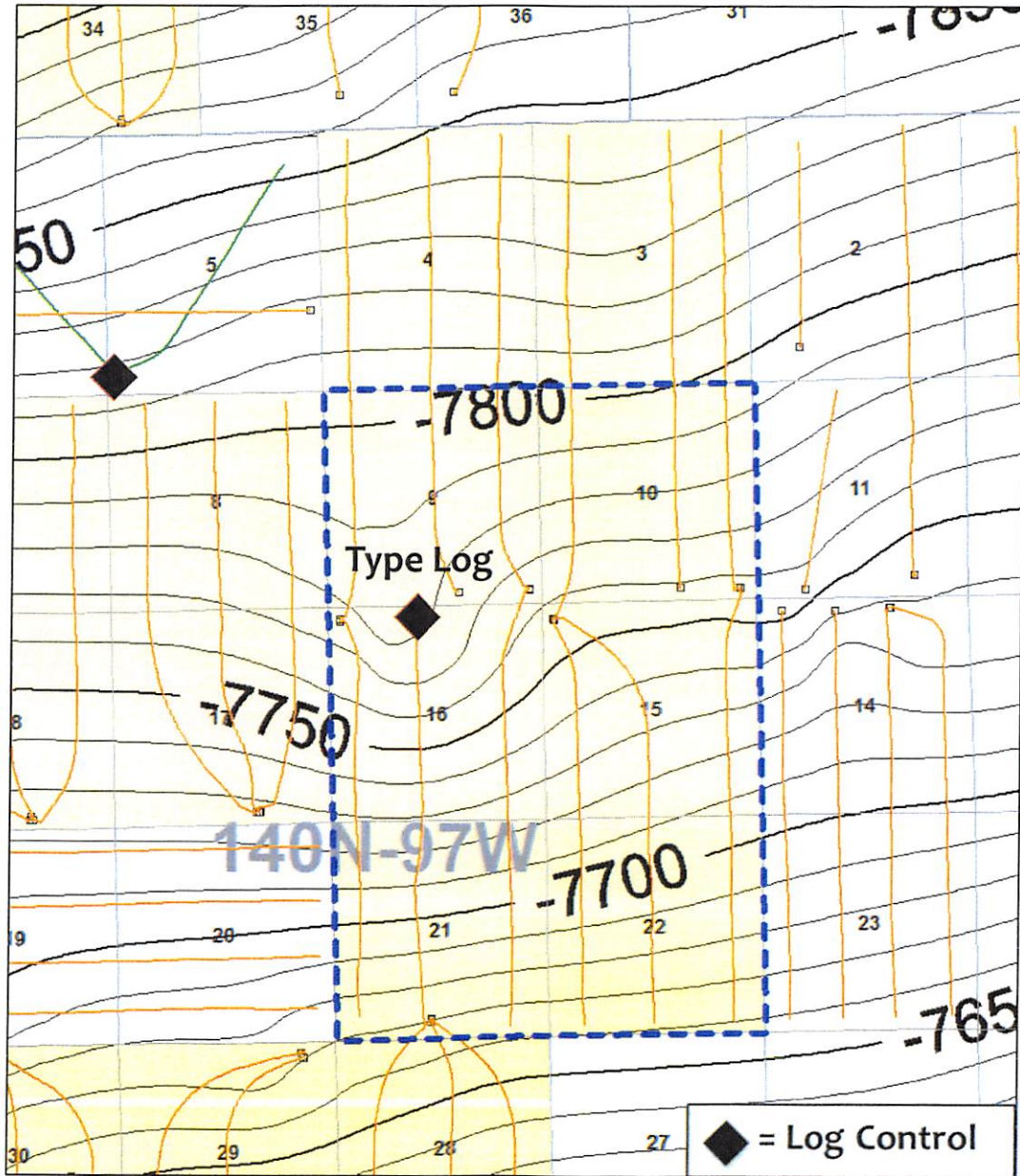
Ownership in new spacing unit:

WHITING OIL AND GAS CORPORATION	0.67774858
NORTHERN OIL & GAS INC	0.07776741
BURLINGTON RESOURCES O&G CO LP	0.06250000
KAISER FRANCIS OIL CO	0.06250000
OTHERS	0.11948402
TOTAL	1.00000000

 Whiting Oil and Gas Corporation	
LAND PLAT	
Case #27047	Exhibit L-2.2 Page 2
C. Kruljac	November 14, 2018



# Structure Map Top Upper Bakken Shale (20 ft. Contour Interval)



: Outline of  
Proposed Unit

INDUSTRIAL COMMISSION  
STATE OF NORTH DAKOTA

DATE 11-14-18 CASE NO. 27047

Introduced By Whiting

Exhibit G-1

Identified By Hillix



Whiting Oil and Gas Corporation

Upper Bakken Shale Structure Map  
20 ft. Contour Interval

Case #27047

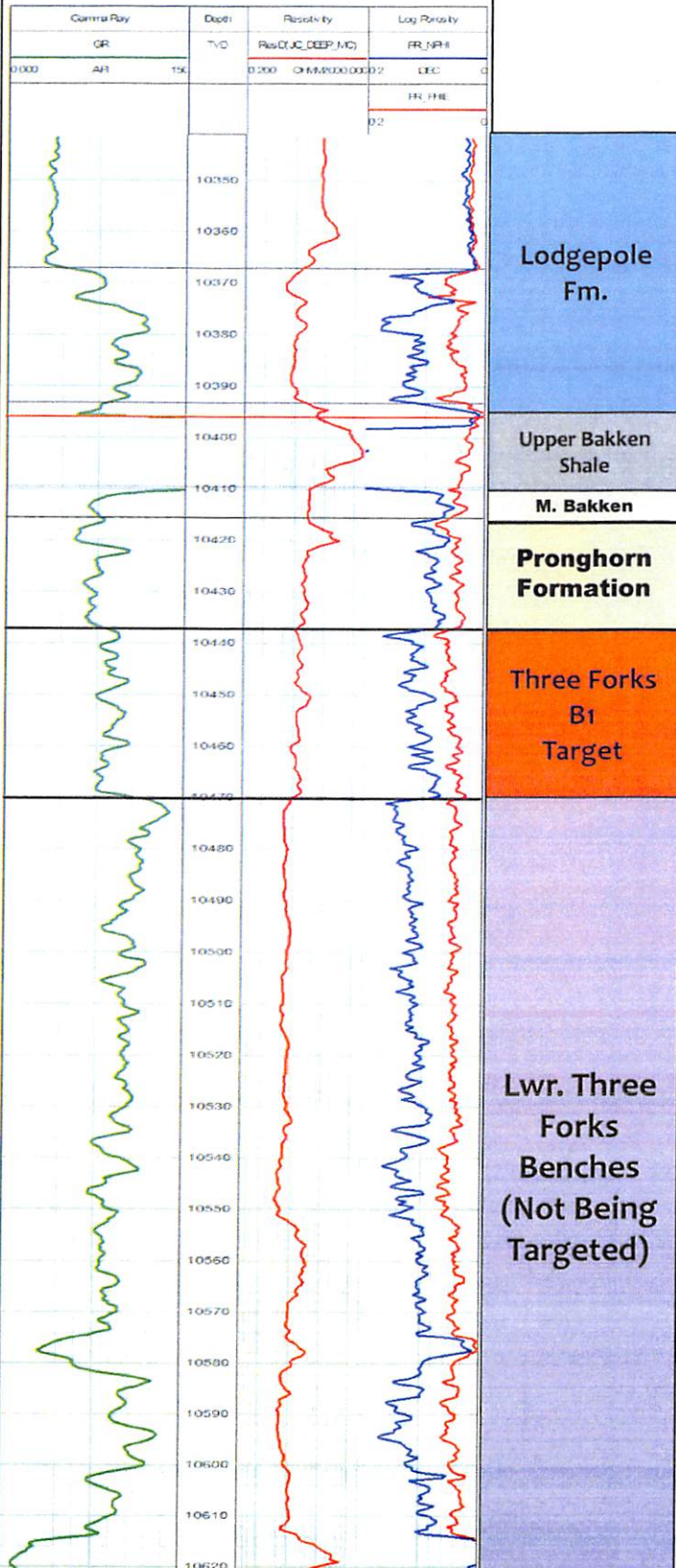
Exhibit G-1

Michael Hillix


November 14, 2018

33089006530000  
 WHITING OIL & GAS CORP  
 MARSH 21-16TFH-R  
 300 FNL 2218 FWL  
 TWP 140 N - Range: 97 W Sec. 16

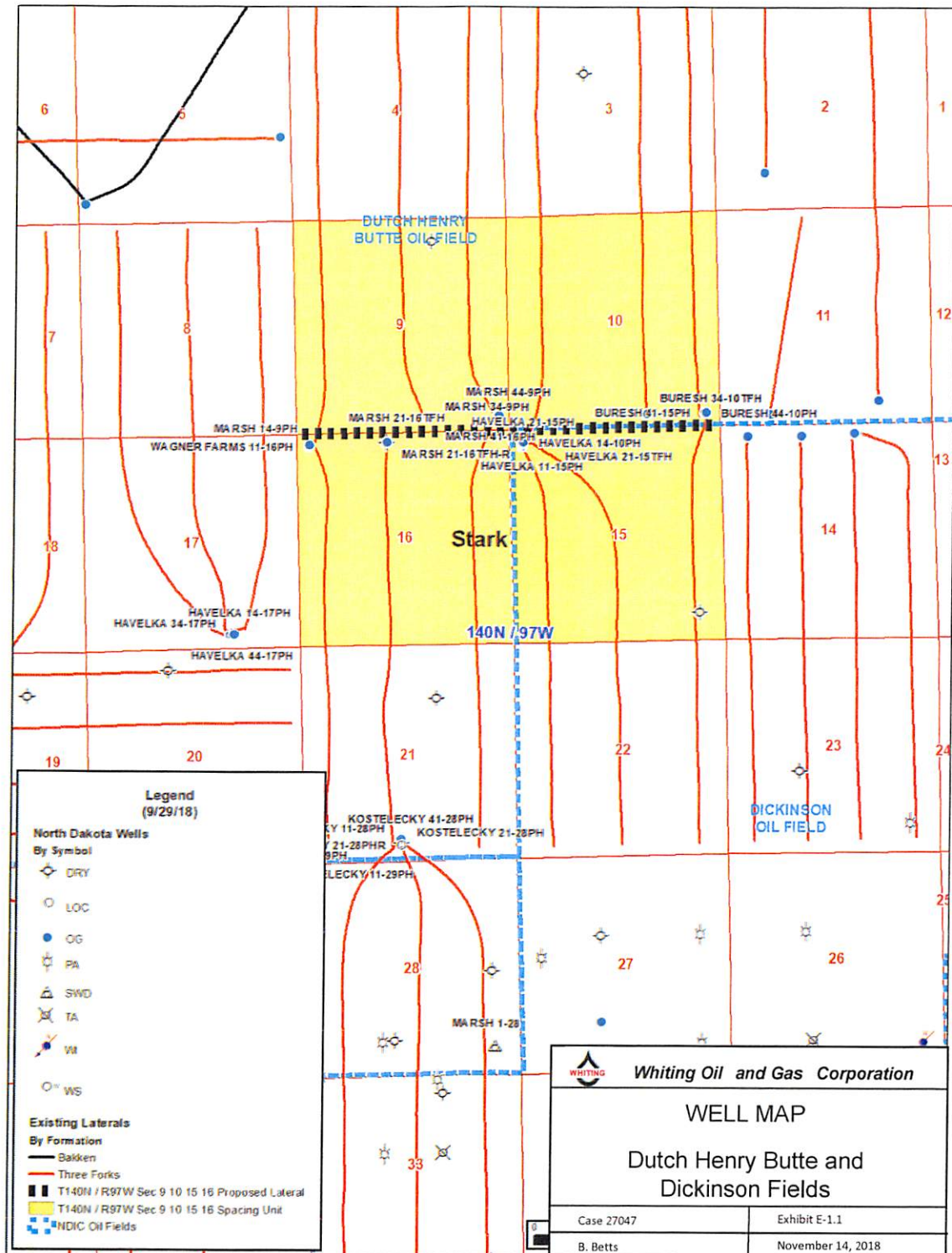
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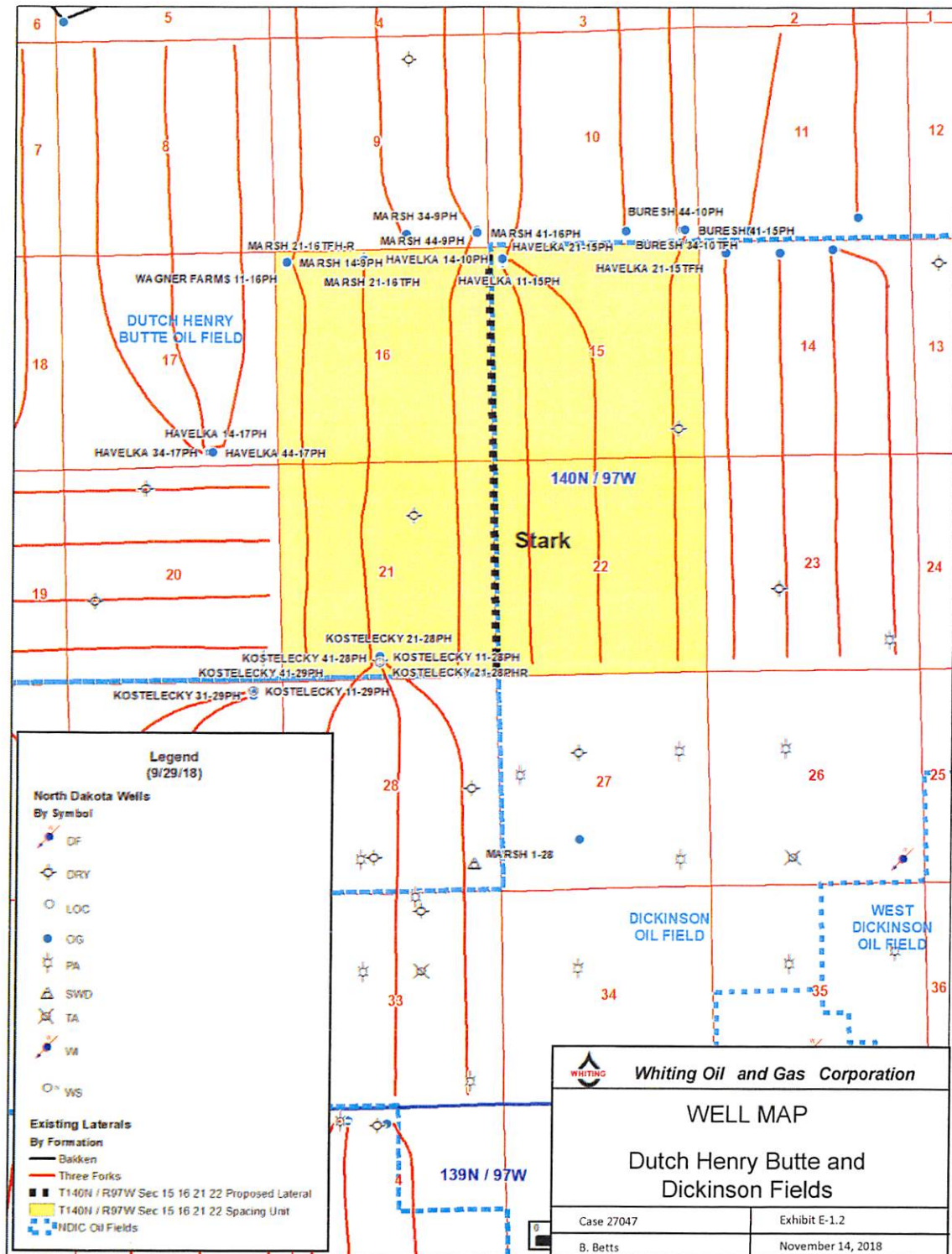
INDUSTRIAL COMMISSION  
 STATE OF NORTH DAKOTA  
 DATE 11-14-18 CASE NO. 27047  
 Introduced By Whiting  
 Exhibit G-2  
 Identified By Hillix

 <b>Whiting Oil and Gas Corporation</b>	
Type Log	
Case #27047	Exhibit G-2
Michael Hillix	November 14, 2018





INDUSTRIAL COMMISSION  
STATE OF NORTH DAKOTA  
DATE 11-14-18 CASE NO. 27047  
Introduced By Whiting  
Exhibit E-1.1  
Identified By Betts



INDUSTRIAL COMMISSION  
STATE OF NORTH DAKOTA  
DATE 11-14-18 CASE NO. 27047  
Introduced By Whiting  
Exhibit E-1.2  
Identified By Betts

**DUTCH HENRY BUTTE AND DICKINSON FIELDS**  
**STARK COUNTY, NORTH DAKOTA**

**Reservoir:**

Formation	<b>Bakken/Pronghorn/Three Forks</b>
Age	Mississippian / Devonian
Lithology	Dolomite / Shale
Trap Type	Stratigraphic
Depth, ft.	10500' TVD
Gross Thickness, ft	60
Net/gross	100%
Primary Drive Mechanism	Solution gas drive
Well Spacing, acres/unit	2560

**Reservoir Rock Properties:**

Avg. Porosity, %	4.4%
Avg. Permeability, md	0.180
Sw, %	20%
Reservoir Temperature, °F	250
Org. Bottom Hole Pressure, psig	6800

**Reservoir Fluid Properties:**

Oil gravity, °API	42.2
Gas Gravity	0.9487
GOR	461
Bubble Point Pressure, psig	1592
Boi, RB/STB	1.5
Formation Water Salinity, ppm	161,164

OOIP, MMSTBO / 2560 Acres	28.0
<b>EUR, MSTBO</b>	<b>(% rec of OOIP)</b>
	1.0%      1 well @ 284 MBO


**Economics:**

	Single
	<u>9600' Lateral Well</u>
Drilling Cost:	\$6.86 MM
Average Reserves: MBO	284
ROR - %	23%
ROI	1.2
PO - Years	4

**Fluid Disposition:**

Oil	Sold
Gas	Sold
Water	Pipelined to Disposal Well

INDUSTRIAL COMMISSION  
STATE OF NORTH DAKOTA  
DATE 11-14-18 CASE NO. 27047  
Introduced By Whiting  
Exhibit E2  
Identified By Betts

 Whiting Oil and Gas Corporation	
Reservoir Data & Economics	
Case #27047	Exhibit E-2
B. Betts	November 14, 2018




**GAS CAPTURE PLAN AFFIDAVIT**

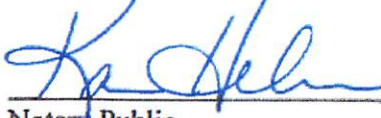
STATE OF COLORADO    §  
                                     §  
COUNTY OF DENVER   §

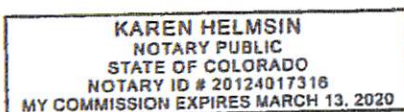
Benjamin Betts, being duly sworn, states as follows:

1. I am employed by Whiting Oil and Gas Corp. ("Whiting") as Staff Operations Engineer. I am over the age of 21 and have personal knowledge of the matters set forth in this affidavit.
2. This affidavit is submitted in conjunction with Case Number **27047** whereby Whiting is seeking Approval to:
  - Establish two 2560-acre spacing units described as Sections 9, 10, 15 and 16; and Sections 15, 16, 21 and 22, T.140N., R.97W., Stark County, ND, and authorize one horizontal well to be drilled on each such unit, and for such other relief as may be appropriate.
3. Whiting has provided the Gas Production Forecast data for the aforementioned wells to Andeavor (the "Gathering Company") and together, developed a gas capture plan.

  
\_\_\_\_\_  
Benjamin Betts  
Staff Operations Engineer

Subscribed and sworn to before me this 7<sup>th</sup> day of November, 2018.

  
\_\_\_\_\_  
Notary Public  
State of Colorado



BEFORE THE INDUSTRIAL COMMISSION  
OF THE STATE OF NORTH DAKOTA



Application of Whiting Oil and Gas Corp. for an )  
 order amending the applicable orders for the )  
 Dutch Henry Butte-Bakken and Dickinson- )  
 Bakken pools to establish two 2560-acre spacing )  
 units described as Sections 9, 10, 15 and 16; and )  
 Sections 15, 16, 21 and 22, T.140N., R.97W., )  
 Stark County, ND, and authorize one horizontal )  
 well to be drilled on each such unit, and for such )  
 other relief as may be appropriate. )

**APPLICATION**

COMES NOW the applicant, Whiting Oil and Gas Corp., and respectfully alleges as follows:

1. It is the owner of an interest in all or portions of Sections 9, 10, 15, 16, 21 and 22, Township 140 North, Range 97 West, Stark County, North Dakota.

2. Sections 9, 10, 16 and 21 are included in the Dutch Henry Butte field, while Sections 15 and 22 are included in the Dickinson field. Section 9, together with Section 4, Section 10, together with Section 3, and Sections 16 and 21 currently constitute standup 1280-acre spacing units within Zone V of the Dutch Henry Butte-Bakken pool with five wells authorized. Sections 15 and 22 currently constitute a standup 1280-acre spacing unit within Zone III of the Dickinson-Bakken pool with five wells authorized.

3. Applicant believes that additional wells drilled between the existing spacing units are necessary to maximize the recovery of oil and gas. Applicant therefore requests that the 2560-acre spacing units as described above be established and that one horizontal well be authorized for each such unit, located approximately on the common boundary between existing spacing units.

4. In applicant's opinion, granting such relief will protect correlative rights, prevent waste and prevent the drilling of unnecessary wells.

5. Applicant requests that it be allowed to present testimony by telephone pursuant to Section 43-02-03-88.2 of the North Dakota Administrative Code.

WHEREFORE, applicant respectfully requests that this matter be set for hearing at the regularly scheduled hearings in November, 2018 and that thereafter the Commission enter its order granting the relief requested.

Dated this 12<sup>th</sup> day of October, 2018.

WHITING OIL AND GAS CORP.

CROWLEY FLECK PLLP  
Attorneys for the Applicant  
100 West Broadway, Suite 250  
P.O. Box 2798  
Bismarck, ND 58502

By: Wade Mann  
WADE C. MANN

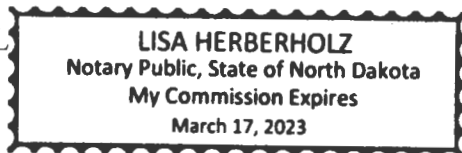
STATE OF NORTH DAKOTA     )  
  ) ss.  
COUNTY OF BURLEIGH     )

Wade C. Mann, being first duly sworn on oath, deposes and says that he is the attorney for the applicant herein named, that he has read the above and foregoing application, knows the contents thereof, and that the same is true to the best of this affiant's knowledge, information and belief.

Wade Mann  
WADE C. MANN

Subscribed and sworn to before me this 12<sup>th</sup> day of October, 2018.

(SEAL)



Lisa Herberholz

Notary Public  
Burleigh County, North Dakota  
My Commission Expires: \_\_\_\_\_



**Affidavit of Publication**  
**The Dickinson Press**  
Dickinson, North Dakota

RECEIVED

OCT 29 2018

STATE OF NORTH DAKOTA )  
County of Stark ) ss

KIM WERT being first duly sworn,  
say that I am the bookkeeper of The Dickinson Press, a daily  
newspaper of general circulation, printed and published at D  
in said county and state, and the advertisement headed:

**NOTICE OF HEARING**

a printed copy of which is hereunto annexed, was printed and  
in The Dickinson Press & Advertiser, and in the regular and  
and every number for 1 consecutive weeks, commencing  
24th day of Oct. A.D. 2018 and  
24th day of Oct. A.D. 2018, to

Straight Matter Lines 80

First Time Line Rates 0.82

Subsequent Line Rates 0.82 24-Oct 2018

Column Inches                      2018

First Time Inch Rate \$8.99 2018

Subsequent Inch Rate \$8.99 2018

Total Cost of Legal \$ 65.60

Subscribed and sworn to before me this 24th day of  
Oct. A.D. 2018

(Seal)

Notary Public, State Of North Dakota

My Commission Expires

**NOTICE OF HEARING**  
**N.D. INDUSTRIAL COMMISSION**  
**OIL AND GAS DIVISION**

The North Dakota Industrial Commission will hold a public hearing at 9:00 a.m. Wednesday, November 14, 2018, at the N.D. Oil & Gas Division, 1000 East Calgary Ave., Bismarck, N. D. 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 Thursday, November 01, 2018.

**STATE OF NORTH DAKOTA TO:**

Case No. 27046: Application of Whiting Oil and Gas Corp. for an order amending the applicable orders for the Dutch Henry Butte-Bakken Pool to establish six 2560-acre spacing units described as Sections 5, 6, 7 and 8; Sections 7, 8, 17 and 18; Sections 4, 5, 8 and 9; Sections 3, 4, 9 and 10; Sections 2, 3, 10 and 11; and Sections 16, 17, 20 and 21, T.140N., R.97W., Stark County, ND, and authorize one horizontal well to be drilled on each such unit, and for such other relief as may be appropriate.

Case No. 27047: Application of Whiting Oil and Gas Corp. for an order amending the applicable orders for the Dutch Henry Butte and Dickinson-Bakken Pools to establish two 2560-acre spacing units described as Sections 9, 10, 15 and 16; and Sections 15, 16, 21 and 22, T.140N., R.97W., Stark County, ND, and authorize one horizontal well to be drilled on each such unit, and for such other relief as may be appropriate.

Case No. 27048: Application of Whiting Oil and Gas Corp. for an order amending the applicable orders for the Dickinson-Bakken Pool to establish a 2560-acre spacing unit described as Sections 14, 15, 22 and 23, T.140N., R.97W., Stark County, ND, and authorize one horizontal well to be drilled on each such unit, and for such other relief as may be appropriate.

Case No. 27049: Application of Whiting Oil and Gas Corp. for an order amending the applicable orders for the Zenith and Green River-Bakken Pools to establish a 2560-acre spacing unit described as Sections 25 and 36, T.140N., R.99W. and Sections 30 and 31, T.140N., R.98W., Stark County, ND, and authorize one horizontal well to be drilled on such unit, and for such other relief as may be appropriate.

Signed by,  
Doug Burgum, Governor  
Chairman, NDIC

(Published October 24, 2018)

MELANIE EPPERLY  
NOTARY PUBLIC, STATE OF NORTH DAKOTA  
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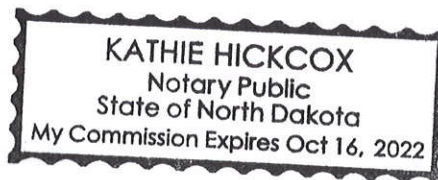
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**PUBLIC NOTICE**

**NOTICE OF HEARING**  
N.D. INDUSTRIAL COMMISSION  
OIL AND GAS DIVISION  
The North Dakota Industrial Commission will hold a public hearing at 9:00 a.m. Wednesday, November 14, 2018, at the N.D. Oil & Gas Division, 1000 East Calgary Ave., Bismarck, N. D. 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 Thursday, November 01, 2018.  
**STATE OF NORTH DAKOTA TO:**  
Case No. 27028: On a motion of the Commission to consider the appropriate spacing for wells completed in the Eightmile-Bakken Pool in the 2560-acre spacing unit described as Sections 1 and 12, T.152N., R.103W., and Sections 6 and 7, T.152N., R.102W., McKenzie and Williams Counties, ND and such other relief as is appropriate. Oasis Petroleum North America LLC.  
Case No. 27029: Proper spacing for the development of the Middle Creek-Bakken Pool, McKenzie County, ND, redefine the field limits, and enact such special field rules as may be necessary. Oasis Petroleum North America LLC



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Case No. 27030: Application of Hess Bakken Investments II, LLC for an order amending the applicable orders for the Big Butte-Bakken Pool to establish an overlapping 2560-acre spacing unit described as Sections 13 and 24, T.157N., R.94W. and Sections 18 and 19, T.157N., R.93W., Mountrail County, ND, and authorize one horizontal well to be drilled on such unit, and for such other relief as may be appropriate.

Case No. 26961: (Continued) Application of Hess Bakken Investments II, LLC for an order amending the applicable orders for the Truxa-Bakken Pool to establish an overlapping 2560-acre spacing unit described as Sections 28, 29, 32 and 33, T.154N., R.98W., Williams County, ND, and authorize one horizontal well to be drilled on such unit, and for such other relief as may be appropriate.

Case No. 26962: (Continued) Application of Burlington Resources Oil & Gas Co. LP for an order amending the applicable orders for the Little Knife and/or Lone Butte-Bakken Pools to establish an overlapping 2560-acre spacing unit described as Sections 5, 6, 7 and 8, T.147N., R.97W., Dunn County, ND, and allow one horizontal well to be drilled on such unit, and granting such other relief as may be appropriate.

Case No. 27031: Application of Lime Rock Resources III-A, L.P. for an order amending the applicable orders for the Dimond-Bakken Pool to establish eight overlapping 2560-acre spacing units consisting of Sections 7, 8, 16 and 17; Sections 8, 9, 15 and 16; Sections 9, 10, 14 and 15; Sections 10, 11, 13 and 14; T.160N., R.91W.; Sections 11, 12, 13, T.160N., R.91W. and Section 18, T.160N., R.90W.; Section 12, T.160N., R.91W. and Sections 7, 17 and 18, T.160N., R.90W.; Sections 7, 8, 16 and 17; and Sections 8, 9, 15 and 16, T.160N., R.90W., Burke County, ND, and authorize up to three wells to be drilled on each such overlapping 2560-acre spacing unit, or such other and further relief as may be appropriate.

Case No. 27032: Application of Lime Rock Resources III-A, L.P. for an order amending the applicable orders for the Dimond-Bakken Pool to establish two overlapping 1920-acre spacing units consisting of Section 24, T.160N., R.91W. and Sections 19 and 30, T.160N., R.90W.; and Sections 24 and 25, T.160N., R.91W. and Section 30, T.160N., R.90W., Burke County, ND, and authorize up to four wells to be drilled on each such 1920-acre spacing unit, or such other and further relief as may be appropriate.

Case No. 27033: Application of Lime Rock Resources III-A, L.P. for an order amending the applicable orders for the Dimond and/or Vanville-Bakken Pools to establish two overlapping 1920-acre spacing units consisting of Sections 33 and 34, T.160N., R.90W. and Section 3, T.159N., R.90W.; and Section 33, T.160N., R.90W. and Sections 3 and 4, T.159N., R.90W., Burke County, ND, and authorize up to three wells to be drilled on each such 1920-acre spacing unit, or such other and further relief as may be appropriate.

Case No. 27034: Application of Marathon Oil Co. for an order amending the applicable orders for the Reunion Bay-Bakken Pool to establish an overlapping 2560-acre spacing unit described as Sections 15, 16, 21 and 22, T.151N., R.93W., Mountrail County, ND, and authorize one horizontal well to be drilled on such unit, and granting such other relief as may be appropriate.

Case No. 27035: Application of Marathon Oil Co. for an order amending the applicable orders for the Antelope-Sanish and/or Reunion Bay-Bakken Pools to establish an overlapping 1280-acre spacing unit described as the E/2 of Sections 25 and 36, T.151N., R.94W. and the W/2 of Sections 30 and 31, T.151N., R.93W., Mountrail County, ND, and authorize two horizontal wells to be drilled on such spacing unit, and granting such other relief as may be appropriate.

Case No. 27036: Application of Marathon Oil Co. for an order amending the applicable orders for the Bailey-Bakken Pool to establish an overlapping 2560-acre spacing unit described as Sections 13, 14, 23 and 24, T.145N., R.94W., Dunn County, ND, and authorize one horizontal well to be drilled on such unit, and granting such other relief as may be appropriate.

Case No. 27037: Application of Marathon Oil Co. for an order amending the applicable orders for the Bailey and/or Killdeer-Bakken Pools to establish an overlapping 2560-acre spacing unit described as Sections 14, 15, 22 and 23, T.145N., R.94W., Dunn County, ND, and authorize one horizontal well to be drilled on such unit, and granting such other relief as may be appropriate.

Case No. 27038: Application of Marathon Oil Co. for an order amending the applicable orders for the Killdeer and/or Murphy Creek-Bakken Pools to establish an overlapping 2560-acre spacing unit described as Sections 2, 3, 10 and 11, T.145N., R.95W., Dunn County, ND, and authorize two horizontal wells to be drilled on such unit, and granting such other relief as may be appropriate.

Case No. 27039: Application of Marathon Oil Co. for an order amending the applicable orders for the Killdeer-Bakken Pool to establish two overlapping 2560-acre spacing units described as Sections 15, 16, 21 and 22; and Sections 16, 17, 20 and 21, T.145N., R.94W., Dunn County, ND, and allow one horizontal well to be drilled on each such spacing unit, and for such other relief as may be appropriate.

Case No. 27040: Application of Marathon Oil Co. for an order amending the applicable orders for the Killdeer-Bakken Pool to reduce the setback to 400 feet on either side of the common boundary between two 1280-acre spacing units described as Sections 15 and 22; and Sections 16 and 21, T.145N., R.94W., Dunn County, ND, and granting such other relief as may be appropriate.

Case No. 27041: Application of Marathon Oil Co. for an order authorizing the applicant to flare gas produced from certain wells completed in the Bailey-Bakken Pool, Dunn County, ND, for a temporary period of time and exclude the volumes from its calculations of statewide, county-wide, and field-wide flare volumes as an exception to the provisions of Commission Order No. 24665, and granting such other relief as may be appropriate.

Case No. 27042: Application of Marathon Oil Co. for an order authorizing the applicant to flare gas produced from certain wells completed in the Chimney Butte-Bakken Pool, Dunn County, ND, for a temporary period of time and exclude the volumes from its calculations of statewide, county-wide, and field-wide flare volumes as an exception to the provisions of Commission Order No. 24665 and granting such other relief as may be appropriate.

Case No. 27043: Application of Marathon Oil Co. for an order authorizing the applicant to flare gas produced from certain wells completed in the Killdeer-Bakken Pool, Dunn County, ND, for a temporary period of time and exclude the volumes from its calculations of statewide, county-wide, and field-wide flare volumes as an exception to the provisions of Commission Order No. 24665 and granting such other relief as may be appropriate.

Case No. 27044: Application of Whiting Oil and Gas Corp. for an order amending the applicable orders for the Sanish-Bakken Pool to establish two overlapping 2560-acre spacing units described as Sections 28, 29, 32 and 33, T.154N., R.91W.; and Sections 13, 14, 23 and 24, T.153N., R.93W., Mountrail County, ND, and authorize four horizontal wells to be drilled on each such unit, and for such other relief as may be appropriate.

Case No. 27045: Application of Whiting Oil and Gas Corp. for an order amending the applicable orders for the Sanish-Bakken Pool to establish an overlapping 1920-acre spacing unit described as Sections 1, 2 and 3, T.152N., R.93W., Mountrail County, ND, and authorize two horizontal wells to be drilled on such unit, and for such other relief as may be appropriate.

Case No. 27046: Application of Whiting Oil and Gas Corp. for an order amending the applicable orders for the Dutch Henry Butte-Bakken Pool to establish six 2560-acre spacing units described as Sections 5, 6, 7 and 8; Sections 7, 8, 17 and 18; Sections 4, 5, 8 and 9; Sections 3, 4, 9 and 10; Sections 2, 3, 10 and 11; and Sections 16, 17, 20 and 21, T.140N., R.97W., Stark County, ND, and authorize one horizontal well to be drilled on each such unit, and for such other relief as may be appropriate.

Case No. 27047: Application of Whiting Oil and Gas Corp. for an order amending the applicable orders for the Dutch Henry Butte and Dickinson-Bakken Pools to establish two 2560-acre spacing units described as Sections 9, 10, 15 and 16; and Sections 15, 16, 21 and 22, T.140N., R.97W., Stark County, ND, and authorize one horizontal well to be drilled on each such unit, and for such other relief as may be appropriate.

Case No. 27048: Application of Whiting Oil and Gas Corp. for an order amending the applicable orders for the Dickinson-Bakken Pool to establish a 2560-acre spacing unit described as Sections 14, 15, 22 and 23, T.140N., R.97W., Stark County, ND, and authorize one horizontal well to be drilled on each such unit, and for such other relief as may be appropriate.

Case No. 27049: Application of Whiting Oil and Gas Corp. for an order amending the applicable orders for the Zenith and Green River-Bakken Pools to establish a 2560-acre spacing unit described as Sections 25 and 36, T.140N., R.99W. and Sections 30 and 31, T.140N., R.98W., Stark County, ND, and authorize one horizontal well to be drilled on such unit, and for such other relief as may be appropriate.

Case No. 27050: Application of Whiting Oil and Gas Corp. for an order amending the applicable orders for the Glass Bluff-Bakken Pool to establish an overlapping 2560-acre spacing unit consisting of Sections 25 and 36, T.151N., R.103W. and Sections 30 and 31, T.151N., R.102W., McKenzie County, ND, and authorize one horizontal well to be drilled on such unit, and for such other relief as may be appropriate.

Case No. 26955: (Continued) Application of Whiting Oil and Gas Corp. for an order amending the applicable orders for the Glass Bluff and/or Sugar Beet-Bakken Pools to establish a 2560-acre spacing unit consisting of Sections 17, 18, 19 and 20, T.152N., R.103W., Williams County, ND, and authorize one horizontal well to be drilled on such unit, and for such other relief as may be appropriate.

Case No. 27051: Application of Whiting Oil and Gas Corp. for an order amending the applicable orders for the Dore-Bakken Pool to establish an overlapping 2560-acre spacing unit consisting of Sections 21, 22, 27 and 28, T.151N., R.104W., McKenzie County, ND, and authorize one horizontal well to be drilled on such unit, and for such other relief as may be appropriate.

Case No. 26877: (Continued) Application of True Oil LLC for an order amending the applicable orders for the Red Wing Creek-Madison Pool, McKenzie County, ND, to allow the Williston Basin State 42-36 36-1 MH (File No. 35030) well to produce oil at an unrestricted rate and flare gas produced in association therewith until such time as may be established by the Commission, or for such other relief as may be appropriate.

Case No. 26957: (Continued) Application of Petro Harvester Operating Co., LLC, for an order extending the boundaries and amending the applicable orders for the Flaxton and/or Lignite-Madison Pools, Burke County, ND, to establish a 640-acre spacing unit consisting of the W/2 of Sections 26 and 35, T.163N., R.91W., and authorize up to two horizontal wells to be drilled on such spacing unit with 200 foot setbacks for the toe and heel of each horizontal well, and granting such other relief as may be appropriate.

Case No. 26958: (Continued) Application of Petro Harvester Operating Co., LLC, for an order extending the boundaries and amending the applicable orders for the Lignite-Madison Pool, Burke County, ND, to establish two 640-acre spacing units consisting of the NW/4 of Section 2, N/2 of Section 3 and NE/4 of Section 4; and the SW/4 of Section 2, S/2 of Section 3 and SE/4 of Section 4, T.162N., R.91W., and authorize up to two horizontal wells to be drilled on each such spacing unit with 200 foot setbacks for the toe and heel of each horizontal well, and granting such other relief as may be appropriate.

Case No. 27052: Application of Denbury Onshore, LLC, pursuant to NDAC § 43-02-03-88.1 for an order allowing oil and gas produced from the USA 14-26-61 well (File No. 10444), SWSW of Section 26, T.131N., R.107W.; the Cedar Cr MC22-175H well, Lot 5 and SWSE of Section 3, Lots 1, 2 and E/2 of Lot 3, and E/2 E/2 of Section 10, W/2 W/2 of Section 11, T.130N., R.107W., Bowman County, ND, and Lots 2 and 3 of Section 17, T.4N., R.62E., Fallon County, MT; and the Little Beaver East MC22-17NH well, Lots 2, 3, and 4 of Section 3, T.130N., R.107W., Bowman County, ND, and Lots 3 and 4 (W/2 SE/4 and SW/4 of Section 8, and Lots 1 and 2, NENW, NENWNW, NENEW of Section 17, T.4N., R.62E., Fallon County, MT; and the following wells located within the Cedar Cr Anticline No. 8-B Federal Exploratory Unit: Cedar Cr Unit 8B 43X-10A-4 (File No. 2761), Cedar Cr Unit 8B 32X-03A-7 (File No. 2942), Cedar Cr Unit 8B 14X-2A-8 (File No. 2949), Cedar Cr Unit 8B 14-11A-10 (File No. 2962), Cedar Cr Unit 8B 21-14A-12 (File No. 3035), Cedar Cr Unit 8B 41-14A-22 (File No. 3153), Cedar Cr Unit 8B 41-11A-23 (File No. 3155), Cedar Cr Unit 8B 43-11A-27 (File No. 3224), Cedar Cr Unit 8B 12-2A-28 (File No. 3244), Cedar Cr Unit 8B 34-02A-31 (File No. 3264), Cedar Cr Unit 8B 34X-14A-33 (File No. 3283), Cedar Cr Unit 8B 43-13A-34 (File No. 3305), Cedar Cr Unit 8B 43-12A-37 (File No. 3362), Cedar Cr Unit 8B 31X-02A-47 (File No. 3739), Cedar Cr Unit 8B 13X-7C-48 (File No. 3747), Cedar Cr Unit 8B 31X-34B45RH (File No. 3820), Cedar Cr Unit 8B 21-18C-50 (File No. 4001), Cedar Cr Unit 8B 41X-18C-52 (File No. 4033), Cedar Cr Unit 8B 23-13A-38R (File No. 8217), Cedar Cr Unit 8B 34X-3A-2R (File No. 8519), Cedar Cr Unit 8B 31X-3A-56 (File No. 9699), USA 22-24-58 (File No. 10445), Cedar Cr Unit 8B 23-13A-38RR (File No. 11638), Cedar Cr Unit 8B 12-12A-63 (File No. 12103), Cedar Cr Unit 8B 14-12A-62 (File No. 12104), Cedar Cr Unit 8B 34-12A-65 (File No. 12171), Cedar Cr 11X-24H-66 (File No. 13780), Cedar Cr 14X-36H-70 (File No. 14622), Cedar Cr 32X-13A-71 (File No. 15070), Cedar Cr 43X-24-76 (File No. 15384), Cedar Cr 11X-12A-81H (File No. 15475), Cedar Cr 34X-02A-82H (File No. 15476), Cedar Cr 42X-24-84H (File No. 15478), Cedar Cr 31X-30-85H (File No. 15479), Cedar Cr 43X-30-86H (File No. 15528), Cedar Cr 24X-29-91H (File No. 15627), Cedar Cr 12-35-97H (File No. 15697), Cedar Cr 13X-23-96H (File No. 15782) wells, the Cedar Cr Anticline No. 8-B Federal Exploratory Unit consisting of Sections 34, 35 and 36, T.131N., R.107W., all or portions of Sections 2, 3, 10, 11, 12, 13, 14, 15, 22, 23, 24, 25, 26, 27 and 36, T.130N., R.107W., and all or portions of Sections 6, 7, 8, 18, 19, 29, 30, 31 and 32, T.130N., R.106W., Bowman County, ND, to be commingled in a central production facility located in the NENE of Section 10, T.130N., R.107W., as an exception to NDAC § 43-02-03-48.1 and/or applicable policies of the Commission, and such other relief as is appropriate.

Case No. 27053: Application of Marathon Oil Co. for an order amending the applicable orders for the Reunion Bay-Bakken Pool to authorize up to two wells to be drilled on two 2560-acre spacing units described as Sections 4, 5, 8 and 9; and Sections 5, 6, 7 and 8, T.150N., R.93W., Dunn and Mountrail Counties, ND, and granting such other relief as may be appropriate.



Case No. 27054: Application of Marathon Oil Co. for an order amending the applicable orders for the Reunion Bay-Bakken Pool to (i) authorize up to eight wells to be drilled on two 1280-acre spacing units described as Sections 5 and 8; and Sections 6 and 7, T.150N., R.93W.; (ii) authorize up to nine wells to be drilled on a 1280-acre spacing unit described as Sections 2 and 11, T.150N., R.93W., Dunn and Mountrail Counties, ND; and (iii) granting such other relief as may be appropriate.

Case No. 27055: Application of Marathon Oil Co. pursuant to NDAC § 43-02-03-88.1 for an order allowing oil and gas produced from the Kruger 24-24TFH (File No. 25483), Hubbel 24-24H (File No. 25481), Sections 13 and 24, T.146N., R.94W., Bill Connolly 21-25H (File No. 16736), Bluegrass 21-25TFH (File No. 25484), and Webber 21-25H (File No. 25482), Sections 25 and 36, T.146N., R.94W., Dunn County, ND, wells to be commingled in a central production facility located in the NENW of Section 25, T.146N., R.94W., pursuant to NDAC § 43-02-03-88.1 or granting such other and further relief as may be appropriate.

Case No. 27056: Application of Whiting Oil and Gas Corp. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 16, 17, 20 and 21, T.155N., R.96W., Dollar Joe-Bakken Pool, Williams County, ND, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 27057: Application of Whiting Oil and Gas Corp. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 14, 15, 22 and 23, T.155N., R.99W., Epping-Bakken Pool, Williams County, ND, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 27058: Application of Whiting Oil and Gas Corp. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 2, 3, 10 and 11, T.154N., R.98W., Truax-Bakken Pool, Williams County, ND, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 27059: Application of Whiting Oil and Gas Corp. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 16, 17, 20 and 21, T.154N., R.97W., Truax-Bakken Pool, Williams County, ND, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 27060: Application of Whiting Oil and Gas Corp. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 2, 3, 10 and 11, T.153N., R.98W., Truax-Bakken Pool, Williams and McKenzie Counties, ND, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 27061: Application of Whiting Oil and Gas Corp. for an order amending the applicable orders for the Glass Bluff-Bakken Pool to authorize up to three horizontal wells to be drilled on two 1280-acre spacing units described as Sections 17 and 20, and Sections 18 and 19, T.152N., R.103W., Williams County, ND, and granting such other relief as may be appropriate.

Case No. 27062: Application of Whiting Oil and Gas Corp. for an order amending the applicable orders for the Dore-Bakken Pool to authorize up to three wells to be drilled on a 1280-acre spacing unit described as Sections 22 and 27, T.151N., R.104W., McKenzie County, ND, and granting such other relief as may be appropriate.

Case No. 27063: Application of Whiting Oil and Gas Corp. pursuant to NDAC § 43-02-03-88.1 for an order allowing oil and gas produced from the Lindseth 11-1TFH (File No. 20039), Lindseth 12-1TFH (File No. 19751), Lindseth 21-1H (File No. 24740), Strobeck 11-1H (File No. 18160), Strobeck 12-1H (File No. 19195), Lindseth 11-1-2H, Lindseth 11-1H, Sections 1, T.154N., R.92W. and 6, T.154N., R.91W., and Lindseth 11-1HU, Sections 36, T.155N., R.92W., 31, T.155N., R.91W., 1, T.154N., R.92W., and 6, T.154N., R.91W., Mountrail County, ND, wells to be commingled in a central production facility located in the NWNW of Section 1, T.154N., R.92W., pursuant to NDAC § 43-02-03-88.1 or granting such other and further relief as may be appropriate.

Case No. 27064: Application of Whiting Oil and Gas Corp. pursuant to NDAC § 43-02-03-88.1 for an order allowing oil and gas produced from the Jones 11-9H (File No. 18085), Jones 11-8-2H (File No. 30941), Jones 12-8H (File No. 19259), Leonard Jones 11-8TFH (File No. 20533), Sections 8 and 9, T.154N., R.91W., and Jones 12-8HU, Sections 5 and 6 and the N/2 of Sections 7 and 8, T.154N., R.91W., Mountrail County, ND, wells to be commingled in a central production facility located in the NWNW of Section 8, T.154N., R.91W., pursuant to NDAC § 43-02-03-88.1 or granting such other and further relief as may be appropriate.

Case No. 27065: Application of Whiting Oil and Gas Corp. pursuant to NDAC § 43-02-03-88.1 for an order allowing oil and gas produced from the Lapica 34-23H (File No. 35442), Lapica 34-23TFH (File No. 35443), Sections 14 and 23, T.155N., R.93W., and Lapica 34-23HU (File No. 35444), Sections 13, 14, 23 and 24, T.155N., R.93W., Mountrail County, ND, wells to be commingled in a central production facility located in the SWSE of Section 23, T.155N., R.93W., pursuant to NDAC § 43-02-03-88.1 or granting such other and further relief as may be appropriate.

Case No. 27066: Application of Whiting Oil and Gas Corp. pursuant to NDAC § 43-02-03-88.1 for an order allowing oil and gas produced from the Heiple 11-3H (File No. 19029), Ogden 11-3TFH (File No. 18233), Ogden 12-3H (File No. 18928), Ogden 12-3-2H (File No. 24557), Ogden 11-3-2TFH, Ogden 12-3TFH, and Ogden 12-3-3H, Sections 2 and 3, T.154N., R.92W., Ogden 11-3HU, Sections 34 and 35, T.155N., R.92W., and Sections 2 and 3, T.154N., R.92W., and Ogden 12-3KH, S/2 of Sections 2 and 3 and N/2 of Sections 10 and 11, T.154N., R.92W., Mountrail County, ND, wells to be commingled in a central production facility located in the NWNW of Section 3, T.154N., R.92W., pursuant to NDAC § 43-02-03-88.1 or granting such other and further relief as may be appropriate.

Case No. 27067: Application of Whiting Oil and Gas Corp. pursuant to NDAC § 43-02-03-88.1 for an order allowing oil and gas produced from the Sondrol 30-21H (File No. 18349), Sondrol 21-30H, Sections 30 and 31, T.149N., R.98W., and Sondrol 21-30HU, Sections 25 and 36, T.149N., R.99W., and Sections 30 and 31, T.149N., R.98W., McKenzie County, ND, wells to be commingled in a central production facility located in the NENW of Section 30, T.149N., R.98W., pursuant to NDAC § 43-02-03-88.1 or granting such other and further relief as may be appropriate.

Case No. 27068: Application of Whiting Oil and Gas Corp. pursuant to NDAC § 43-02-03-88.1 for an order allowing oil and gas produced from the Link 14-23H (File No. 25421), Link 31-14-2H, Sections 14 and 23, T.150N., R.102W., and Link 31-14HU, Sections 14, 15, 22 and 23, T.150N., R.102W., McKenzie County, ND, wells to be commingled in a central production facility located in the NENW of Section 14, T.150N., R.102W., pursuant to NDAC § 43-02-03-88.1 or granting such other and further relief as may be appropriate.

Case No. 27069: Application of Whiting Oil and Gas Corp. pursuant to NDAC § 43-02-03-88.1 for an order allowing oil and gas produced from the Rauser 11-29-3H, Sections 17 and 20, T.149N., R.98W., Rauser 11-29H, Rauser 11-29-2H, Sections 29 and 32, T.149N., R.98W., Sondrol 11-29H, Sections 30 and 31, T.149N., R.98W., and Rauser 11-29HU, Sections 29, 30, 31 and 32, T.149N., R.98W., McKenzie County, ND, wells to be commingled in a central production facility located in the NWNW of Section 29, T.149N., R.98W., pursuant to NDAC § 43-02-03-88.1 or granting such other and further relief as may be appropriate.

Case No. 27070: Application of Whiting Oil and Gas Corp. pursuant to NDAC § 43-02-03-88.1 for an order allowing oil and gas produced from the Link 21-15-3H, Link 21-15-2H, Link 15-22H (File No. 25112), Sections 15 and 22, T.150N., R.102W., and Link 10-3H (File No. 24189), Sections 3 and 10, T.150N., R.102W., McKenzie County, ND, wells to be commingled in a central production facility located in the NENW of Section 15, T.150N., R.102W., pursuant to NDAC § 43-02-03-88.1 or granting such other and further relief as may be appropriate.

Case No. 27071: Application of Whiting Oil and Gas Corp. pursuant to NDAC § 43-02-03-88.1 for an order allowing oil and gas produced from the Smokey Kenny 16-20-17-2H3 (File No. 21182), Smokey Karen 16-20-17-2H (File No. 21181), Sections 17 and 20, T.149N., R.98W., Rauser 11-28H, Sections 28 and 33, T.149N., R.98W., Smokey 16-20-32-15H (File No. 21183), and Smokey 16-20-32-16H (File No. 21184), Sections 29 and 32, T.149N., R.98W., McKenzie County, ND, wells to be commingled in a central production facility located in the SESE of Section 20, T.149N., R.98W., pursuant to NDAC § 43-02-03-88.1 or granting such other and further relief as may be appropriate.

Case No. 27072: Application of Burlington Resources Oil & Gas Co. LP for an order allowing oil and gas produced from the Curtis 21-16 TFH-3NH (File No. 30871), Curtis 21-16 MBH-2NH (File No. 30869), Saddle Butte 21-16 MBH-3SH (File No. 30872), Saddle Butte 21-16 TFH-2SH (File No. 30870), Curtis 24-9 MBH (File No. 30910), and Saddle Butte 24-9 TFH (File No. 30911), Sections 4, 9, 16 and 21, T.149N., R.96W., McKenzie County, ND, wells to be commingled in a central production facility located in the NENW of Section 16, T.149N., R.96W., as an exception to NDAC § 43-02-03-88.1 and/or applicable policies of the Commission, and granting such other and further relief as may be appropriate.

Case No. 27073: Application of Burlington Resources Oil & Gas Co. LP, for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 3, 10, 15 and 22, T.153N., R.97W., Sand Creek-Bakken Pool, McKenzie County, ND, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 27074: Application of Burlington Resources Oil & Gas Co. LP for an order amending the applicable order for the Haystack Butte-Bakken Pool to authorize up to nine horizontal wells to be drilled on a 1280-acre spacing unit described as Sections 25 and 36, T.149N., R.97W., McKenzie County, ND, and granting such other and further relief as may be appropriate.

Case No. 27075: Application of Petro-Hunt, L.L.C. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as the S/2 of Sections 35 and 36, T.154N., R.95W., Charlson-Bakken Pool, McKenzie County, ND, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 27076: Application of Hess Bakken Investments II, LLC, for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 13 and 24, T.157N., R.94W., and Sections 18 and 19, T.157N., R.93W., Big Butte-Bakken Pool, McKenzie County, ND, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 26970: (Continued) Application of Hess Bakken Investments II, LLC, for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 28, 29, 32 and 33, T.154N., R.96W., Truax-Bakken Pool, Williams County, ND, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 27077: Application of Lime Rock Resources III-A, L.P. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 19, 20, 29 and 30, T.160N., R.90W., Dimond-Bakken Pool, Burke County, ND, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 27078: Application of Lime Rock Resources III-A, L.P. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 13, 14, 23 and 24, T.144N., R.97W., Cabernet-Bakken Pool, Dunn County, ND, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 27079: Application of Lime Rock Resources III-A, L.P. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 14, 15, 22 and 23, T.144N., R.97W., Cabernet-Bakken Pool, Dunn County, ND, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 27080: Application of Lime Rock Resources III-A, L.P. for an order pursuant to NDAC § 43-02-03-88.1 authorizing saltwater disposal into the Dakota Group in the Olson SWD #1 well, SESW Section 8, T.160N., R.90W., Dimond Field, Burke County, ND, pursuant to NDAC Chapter 43-02-05 and such other relief as is appropriate.

Case No. 27081: Application of Hydra Services, LLC for an order pursuant to NDAC § 43-02-03-88.1 authorizing saltwater disposal into the Dakota Group in the Dread Pirate #4-1 SWD well, SESE Section 4, T.157N., R.98W., Oliver Field, Williams County, ND, pursuant to NDAC Chapter 43-02-05 and such other relief as is appropriate.

Case No. 26966: (Continued) Application of Petro Harvester Operating Co., LLC pursuant to NDAC § 43-02-03-88.1 for an order allowing oil and gas produced from the PTL2 04-28 164-92 A (File No. 34955), PTL2 4-28 164-92 B (File No. 33939), W/2 of Sections 28 and 33, T.164N., R.92W., and NW/4 of Section 4, T.163N., R.92W., PTL2 4-28 164-92 C (File No. 33938), E/2 of Sections 28 and 33, T.164N., R.92W., and NE/4 of Section 4, T.163N., R.92W., and PTL2 4-16 163-92 D (File No. 33937), SE/4 of Section 4, E/2 of Section 9, and NE/4 of Section 16, T.163N., R.92W., Burke County, ND, wells to be commingled in a central production facility located in the SENW and NESW of Section 4, T.163N., R.92W., pursuant to NDAC § 43-02-03-88.1 or granting such other and further relief as may be appropriate.

Signed by,  
Doug Burgum, Governor  
Chairman, NDIC

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