GEOPHYSICAL EXPLORATION AFFIDAVIT OF PLUGGING (HOLE PLUGGER) - FORM GE 7B

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 51457 (03-2011)

PERMIT NAME (Required): _____

PERMIT NUMBER: 97-0234

AFFIDAVIT OF PLUGGING (HOLE PLUGGER)

STATE OF Texas)
)
COUNTY OF Harris)

Before me, Erica John-Jones a Notary Public in and for the said County and State, this day personally appeared James Ingram who being first duly sworn, deposes and says that (s)he is employed by Clean Harbors Exploration Services Inc., that (s)he has read North Dakota Century Code Section 38-08.1 and that the foregoing seismic project has been plugged in accordance with North Dakota Administrative Code Rule 43-02-12 and that the statements on the attached documents are true.

Hole Plugger Representative

Subscribed in my presence and sworn before me this 8th day of November, 2013.

Notary Public

My Commission Expires

ERICA JOHN-JONES
Notary Public, State of Texas
My Commission Expires
June 27, 2016

COUGAR
LAND SERVICES LLC

May 26, 2015

To whom it may concern,

The intent of this letter to notify the North Dakota Industrial Commission (NDIC) that Continental Resources through their contractor Cougar Land Services, LLC has provided all surface owners within the David-3D-150 project and all surface owners with lands located within one-half mile of the project a copy of NDCC Section 38-08.1-04.1 and NDCC Chapter 38-11.1 as notification requirements to conduct geophysical operations.

Sincerely,

Bruce A. Fulker
Cougar Land Services, LLC
713-806-2024
720-932-8143
bfulker@cougarlandservices.net

GEOPHYSICAL EXPLORATION COMPLETION REPORT - FORM GE GA

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-084
SFN 51456 (03-2011)

Permit No.	
#: 97-0234	
Shot Hole Operations Explosive Method	*Non-Explosive Operations Non-Explosive Method

SECTION 1

Geophysical Contractor Dawson Geophysical Company	
Project Name and Number David 3D/150	County(s) Dunn County
Township(s) 146, 147 & 148	Range(s) 95, 96 & 97
Drilling and Plugging Contractors Dawson Geophysical Company & Clean Harbors Exploration Services	
Date Commenced 5-8-2013	Date Completed 8-22-2013

SECTION 2

First S.P.# 1649-1876	Last S.P. # 1655-2060

Loaded Holes (Undetonated Shot Points)
See Attached

S.P#'s						See Attached
Charge Size						See Attached
Depth						See Attached

Reasons Holes Were Not Shot
See Attached

SECTION 3

Flowing Holes and/or Blowouts
S.P.#'s
See Attached

Procedure for Plugging Flowing Holes and/or Blowouts
See Attached

Include a 7.5 minute USGS topographic quadrangle map or a computer generated post-plot facsimile of the approximate scale displaying each individual shot hole, SP #, line #, and legal location.

*Non-Explosive Operations - Complete Section 1 and Affidavit (Form GE 6B).

GEOPHYSICAL EXPLORATION AFFIDAVIT OF COMPLETION REPORT - FORM GE 68

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 51456 (03-2011)

PERMIT NAME (Required): _____

PERMIT NUMBER: #:97-0234

AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

STATE OF: North Dakota

COUNTY OF: ~~Dunn~~ Stark

Before me, Andrea M. Mayer, a Notary Public in and for the said County and State, this day personally appeared Derrall W. Romine who being first duly sworn, deposes and says that (s)he is employed by Dawson Geophysical Company, that (s)he has read North Dakota Century Code Section 38-08.1, that the foregoing seismic project has been completed in accordance with North Dakota Administrative Code Rule 43-02-12 and that the statements on the reverse side of this document are true.

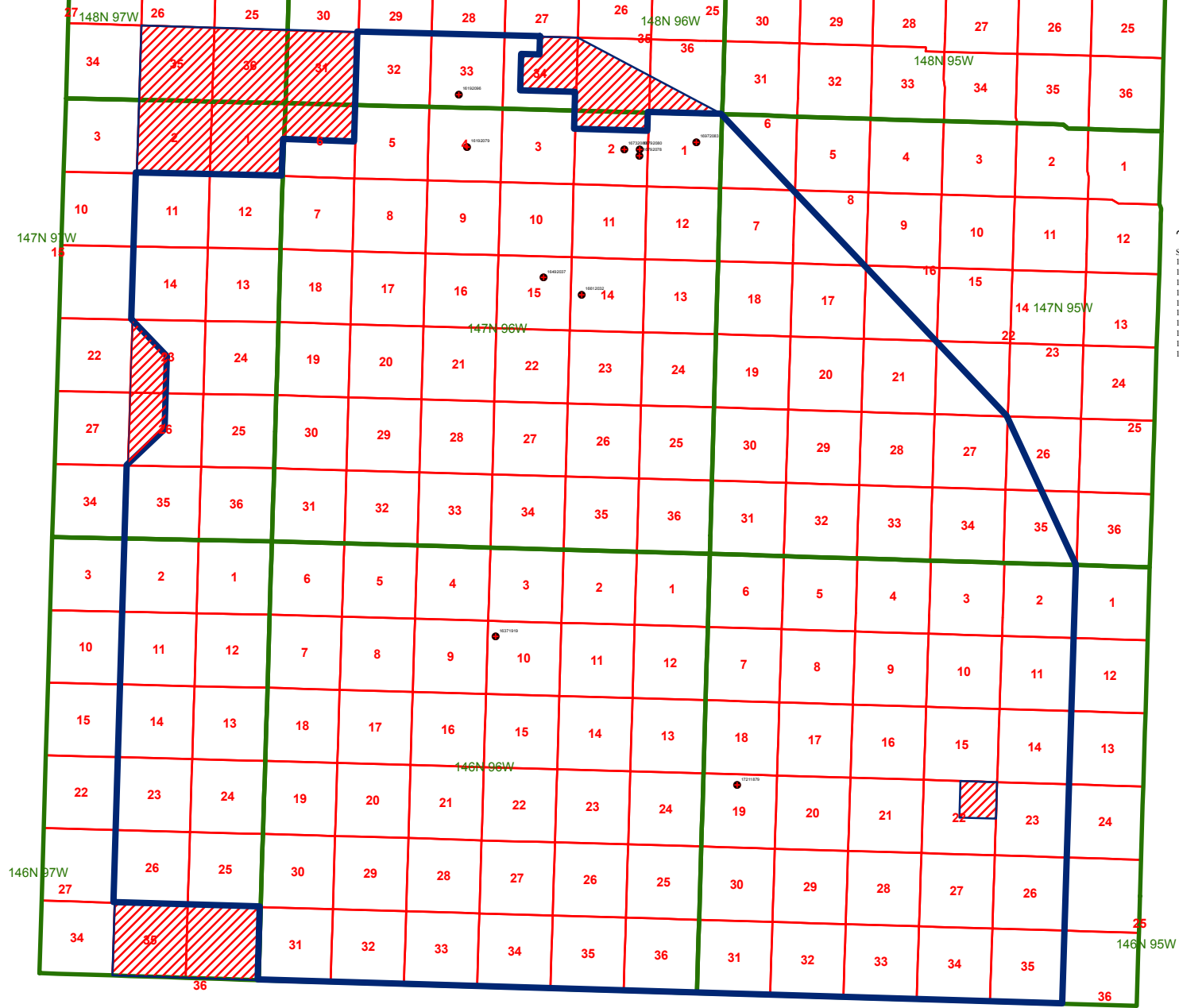
Geophysical Contractor Representative
Derrall W. Romine

Subscribed in my presence and sworn before me this 8th day of November

ANDREA M MAYER
NOTARY PUBLIC, STATE OF NORTH DAKOTA
MY COMMISSION EXPIRES JULY 27, 2018

Notary Public Andrea Mayer

My Commission Expires 7-27-18



DAVID 3D/150

11-1-2013

Abandoned Stations Map

Total of 10 Stations Abandoned = +-**0**.26%

Station	Comment
16371919	Broke Leads (Charge @ 40') ~ ReDrilled
17211879	Broke Leads (Charge @ 45') ~ Not ReDrilled
16192079	Broke Leads (Charge at 40') ~ Redrilled
16192096	Original Hole & 1st Redrill have Broke Leads (Both Charges @ 20') ~ ReDrilled
16492037	Broke Leads (Charge @ 30') ~ ReDrilled
16612032	Broke Leads (Charge @ 40') ~ ReDrilled
16972083	Broke Leads (Charge @ 30' ~ ReDrilled
16792080	Broke Leads (Charge @ 60') ~ ReDrilled
16792078	Broke Leads (Charge @ 60') ~ ReDrilled
16732080	Broke Leads (Charge @ 50' with Loading Pole) ~ ReDrilled

970234 - DAVID 150 3-D
DAWSON GEOPHYSICAL
This map is what was surveyed to date. This is not a final map.
Received 5-8-2013

MAY 2013
RECEIVED

GEOPHYSICAL EXPLORATION SUNDRY NOTICE - FORM GE 4

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 51458 (03-2011)

PERMIT # _____

Project Name **David 3D**
County **Dunn County**
Supplemental Information **Clean Harbors Exploration Services Inc. is contracted to Dawson Geophysical for seismic drilling on this project. Clean Harbors has a hole plugging bond in place with NDIC, Bond # 0172339 Effective 2-15-2013.**

Company **Clean Harbors Exploration Services Inc**			Telephone Number **(713) 780-0336**
Address **3624 Westchase Drive**			
City **Houston**		State **TX**	Zip Code **77042**
Signature		Printed Name **James Ingram**	
Title **Area Manager**		Date **April 25, 2013**	
Email Address **ingram.james@cleanharbors.com**			

FOR STATE USE ONLY

☐ Received	☒ Approved
Date 4/25/13	
By	
Title **Mineral Resources Permit Manager**	

Oil and Gas Division

Lynn D. Helms - Director Bruce E. Hicks - Assistant Director

Department of Mineral Resources

Lynn D. Helms - Director

North Dakota Industrial Commission

www.dmr.nd.gov/oilgas

FEBRUARY 12, 2013

Mr. Zane Zirschky
Dawson Geophysical Company
508 WEST WALL STREET
STE 800
MIDLAND, TX 79710

RE: DAVID 3-D 150
GEOPHYSICAL EXPLORATION PERMIT # 97-0234
DUNN COUNTY
NON-EXPLOSIVE & EXPLOSIVE METHOD

Dear Mr. Zirschky:

Please be advised that we are in receipt of your Geophysical Exploration permit application and it is conditionally approved; effective for one year from FEBRUARY 12, 2013. **PURSUANT TO NDAC 43-02-12-05 (DISTANCE RESTRICTION) non-explosive AND explosive exploration method may not be conducted not less than 300 feet AND 660 feet respectively from a water well, building, underground cistern, pipelines, and flowing spring. In addition, pursuant to NDAC 43-02-12-06 (NOTIFICATION OF WORK PERFORMED), "The director is authorized to suspend operations of the entire geophysical project, or any portion thereof, if further activity will cause excessive damage to the surface of the land".**

Review the following conditions for your permit:

1. A pre-program meeting with state seismic inspector Tom Torstenson is required. You must contact him at 701-290-1546 (cell) or 701-227-7436 at least 24 hours prior to any exploration operations. Also, a copy of the entire permit is required for all contractors at the pre-program meeting.
2. All variances for distance restrictions are to be furnished, and a pre-plot map displaying any source points that do not comply with the distance restriction rule must be supplied to the inspector.
3. The following information must be submitted within 30 days of the completion of the project by the Geophysical Company:
    a. Completion Report,
    b. Completion Affidavit,

c. Post Plot Map. It must show all water wells, buildings, underground cisterns, pipelines, and flowing springs that fall within the program area and within one half mile of the perimeter of the program.
d. SD card or email: ttorstenson@nd.gov with all source and receiver points,
e. Letter stating that the Geophysical Company has given all surface owner's a copy of the Section and Chapter of the NDCC as stated in paragraph 5.

4. The following information must be submitted within 30 days of the completion of the project by the SUBCONTRACTOR(s) (when applicable):
   a. Plugging Report
   b. Plugging Affidavit
5. It is required that within seven days of initial contact between the permitting agent and the operator of the land, the permitting agent shall provide the operator of the land and each landowner owning land within one-half mile of the land on which geophysical exploration activities are to be conducted a written copy of NDCC Section 38-08.1-04.1 (Exploration Permit) and NDCC Chapter 38-11.1 (Oil and Gas Production Damage Compensation). The permitting agent shall file an affidavit with this office confirming compliance with such notification. For your convenience, a copy of both Sections are enclosed.
6. The permit agent shall notify the operator of the land at least seven days before commencement of any geophysical exploration activity, unless waived by mutual agreement of both parties. The notice must include the approximate time schedule and the location of the planned activity.
7. Information regarding the location of water wells, springs, etc.; refer to the following ND State Water Commission Mapservice website, at: http://mapservice.swc.state.nd.us/
8. The entire permit can be viewed, as well as the status of various seismic projects in the state, at: https://www.dmr.nd.gov/oilgas/seismic/seismicstats.asp

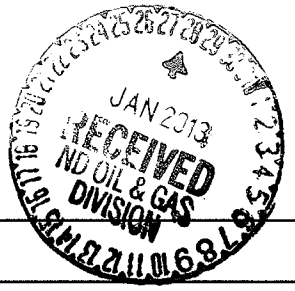
Should you have any questions regarding this matter, feel free to contact me at 701-328-8020, or Tom Torstenson at the number listed in paragraph 1.

Sincerely,

Todd L. Holweger
DMR Permit Manager

GEOPHYSICAL EXPLORATION PERMIT - FORM GE 1

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 51459 (03-2011)



1) a. Company	Address	
Dawson Geophysicsal Co	**508 W Wall Suite 800, Midland, TX 79701-5010**	
Contact	Telephone	Fax
Derrall Romine	**248-719-6178**	**432-684-3030**
Surety Company	Bond Amount	Bond Number
U.S. Speciality Insurance Company	**$50,000.00**	**B005272**
2) a. Subcontractor(s)	Address	Telephone
Clean Harbors Exploration Serv Inc	**3624 Westchase Dr Houston TX 77042**	**281-953-3430**
b. Subcontractor(s)	Address	Telephone
3) Party Manager	Address (local)	Telephone (local)
Derrall Romine	**238 10th Ave E, Dickinson, ND 58601**	**248-719-6178**

4) Project Name or Line Numbers
David 3D 150

5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other)
Shot hole, non-explosive 3D

6) Distance Restrictions (Must check all that apply)

☑ 300 feet - NonExplosive - Distance setbacks apply to water wells, buildings, underground cisterns, pipelines, and flowing springs.

☑ 660 feet - Shot Hole - Distance setbacks apply to water wells, buildings, underground cisterns, pipelines, and flowing springs.

7) Size of Hole	Amt of Charge	Depth	Source points per sq. mi.	No. of sq. mi.	
3-D 3.5"	**5.5 lb**	**60 ft**	**97.76**	**149.42**	
Size of Hole	Amt of Charge	Depth	Source points per ln. mi.	No. of ln. mi.	
2-D					

8) Approximate Start Date	Approximate Completion Date
Feburary 15, 2013	**August 31, 2013**

THE COMMISSION MUST BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF COMMENCEMENT OF GEOPHYSICAL OPERATIONS

9) Location of Proposed Project - County
Dunn

Section(s), Township(s) & Range(s)			
	Section **See Exhibit "A"**	T.	R.
	Section	T.	R.
	Section	T.	R.
	Section	T.	R.
	Section	T.	R.
	Section	T.	R.

I hereby swear or affirm that the information provided is true, complete and correct as determined from all available records. Date 1/24/13

Signature	Printed Name	Title
	Bruce Fulker	**Agent for Dawson Geophysical**

Email Address(es)
bfulker@cougarlandservices.net

(This space for State office use)

Permit No. 97-0234	Approval Date 2/12/2013
Approved by	
Title Mineral Resources Permit Manager	

Permit Conditions

* Permit in hand required at pre-program meeting with field inspector and be aware of all NDIC Rules and Regulations (i.e. distance restrictions).
* See attached letter.

*See Instructions On Reverse Side

EXHIBIT "A"

T146N R95W:
Secs: 2-11, 14-23, 26-35

T146N R96W:
Secs: 1-36

T146N R97W:
Secs: 1-2, 11-14, 23-26, 35-36

T147N R95W:
Secs: 6-8, 16-22, 26-35

T147N R96W:
Secs: 1-36

T147N R97W:
Secs: 1-2, 11-14, 23-26, 35-36

T148N R96W:
Secs: 31-36

T148N R97W:
Secs: 35-36

Oil and Gas Division

Lynn D. Helms - Director Bruce E. Hicks - Assistant Director

Department of Mineral Resources

Lynn D. Helms - Director

North Dakota Industrial Commission

www.dmr.nd.gov/oilgas

FEBRUARY 12, 2013

The Honorable Reinhard Hauck
Dunn County Auditor
205 Owens Street
Manning, ND 58642-0105

RE: Geophysical Exploration
Permit #97-0234

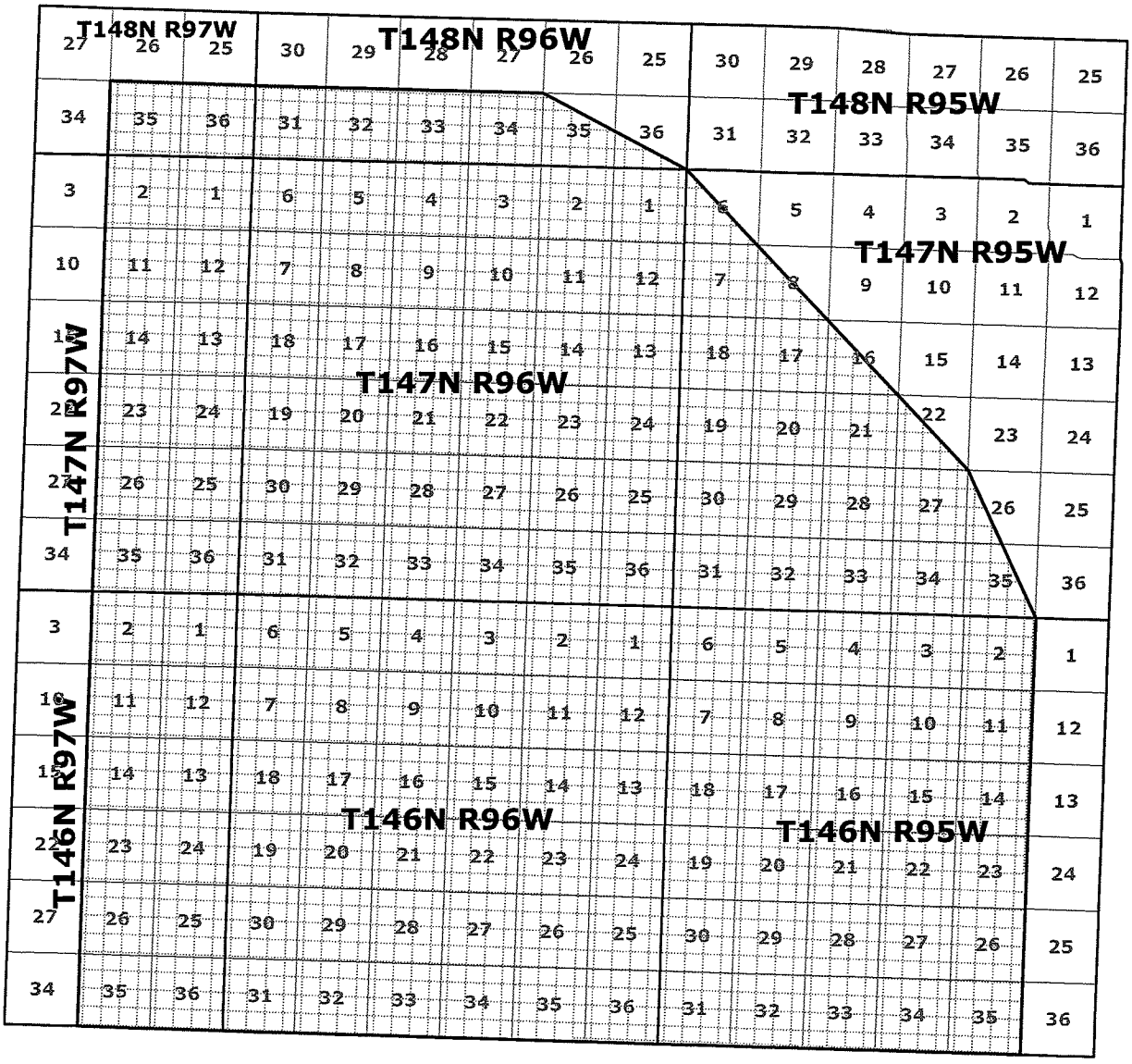
Dear Mr. Hauck:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that DAWSON GEOPHYSICAL was issued the above captioned permit on FEBRUARY 12, 2013 and will remain in effect for a period of one year. The entire permit can be viewed on our website at: https://www.dmr.nd.gov/oilgas/seismic/seismicstats.asp

Should you have any questions, please contact our office.

Sincerely,

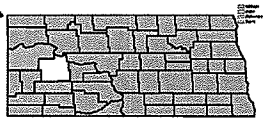
Todd L. Holweger
DMR Permit manager



David 3D-150

Surface Map

January 25, 2013



Legend
- Source
- Receivers
- Outline
- Townships
- Sections

COUGAR
DAWSON

State Plane
North Dakota South
NAD 27
Scale 1:30,000

Area Of Interest

149.42 Sq Miles
Dunn County
North Dakota

This map has been carefully prepared from official records, maps, engineering data, photographs and/or other information, which is provided as a courtesy only. We make no warranties as to its completeness or accuracy, whether expressed or implied

North Dakota Industrial Commission
Department of Mineral Resources
Oil & Gas Division

FORM GE 1

FILING AUTHORIZATION

COMPANY NAME: Dawson Geophysical Company

ADDRESS: 508 West Wall Street, Suite 800

CITY: Midland STATE: Texas ZIP: 79701

This form authorizes the person(s) listed below to submit a NDIC Geophysical Exploration Permit – Form GE 1 for approval on behalf of the designated company as listed above.

A new authorization will be required if any changes are to be made to the authorized individuals on the form.

The data submitted from the authorized individuals listed below have been checked and conform to the standards and procedures set forth by the NDIC Department of Mineral Resources.

The authorized individual(s) will ensure that the company, as listed above, and party manager receive a copy of the approved Form GE 1

Authorized Individuals	E-Mail Address	Phone Number
Bruce Fulker	bfulker@cougarlandserv	713 806-2024
Cougar Land Services LLC	ces.net	

Company Authorized Signature: [signature] Date: 11-14-12

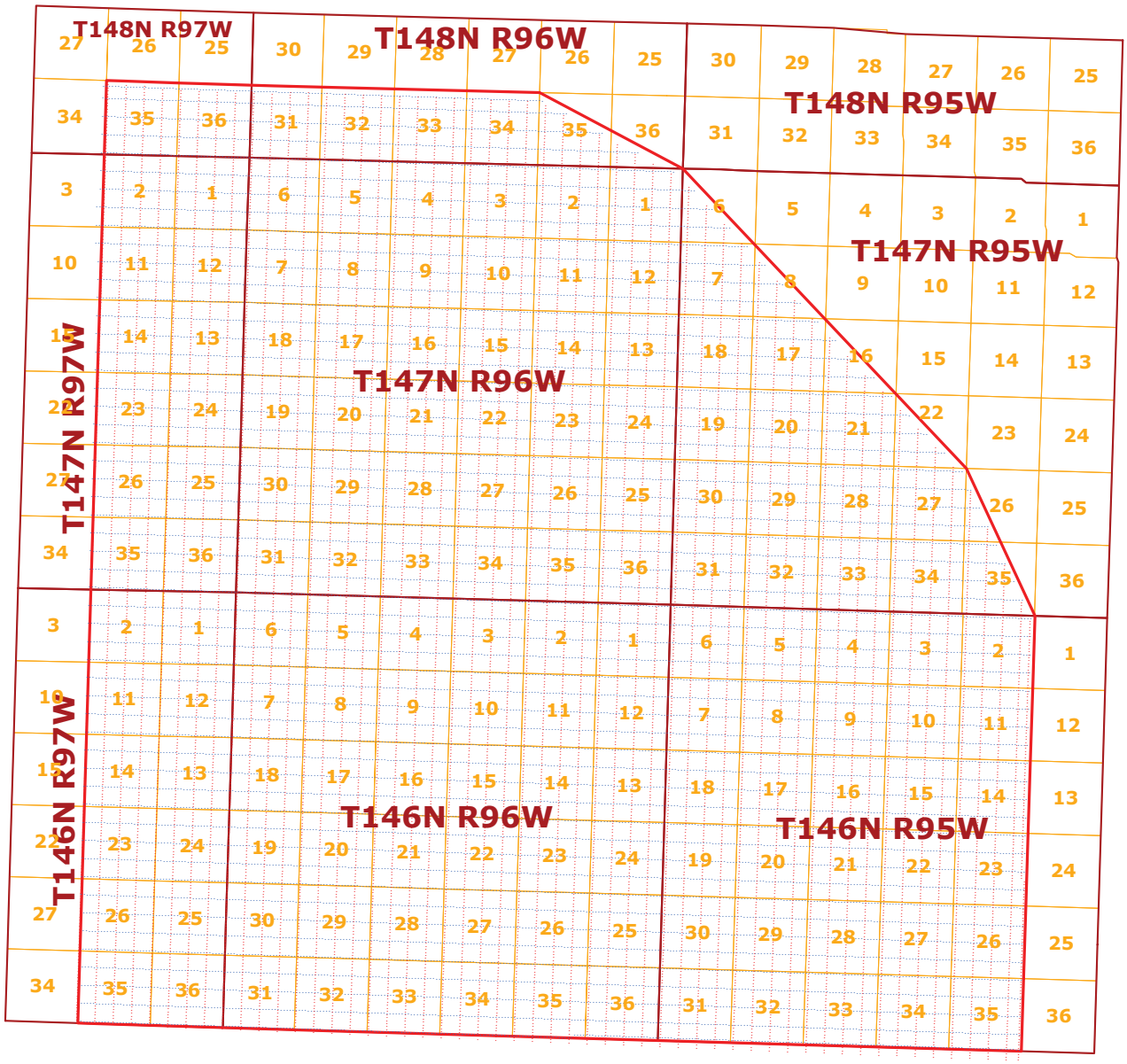
Printed Name: DON R. DAWSON Title: PERMIT Mgr.

Phone: 432 684-3084 Email Address: rdawson@dawsongeo.com

****

Witness Signature: Vandy M. Wade Date: 11/14/12

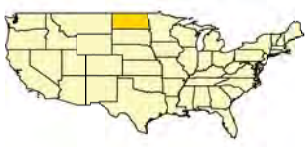
Witness Printed Name: Vandy M. Wade



David 3D-150

Surface Map

January 25, 2013



Legend
- Source
- Receivers
- Outline
- Townships
- Sections

State Plane
North Dakota South
NAD 27
Scale 1:30,000

Area Of Interest

149.42 Sq Miles
Dunn County
North Dakota

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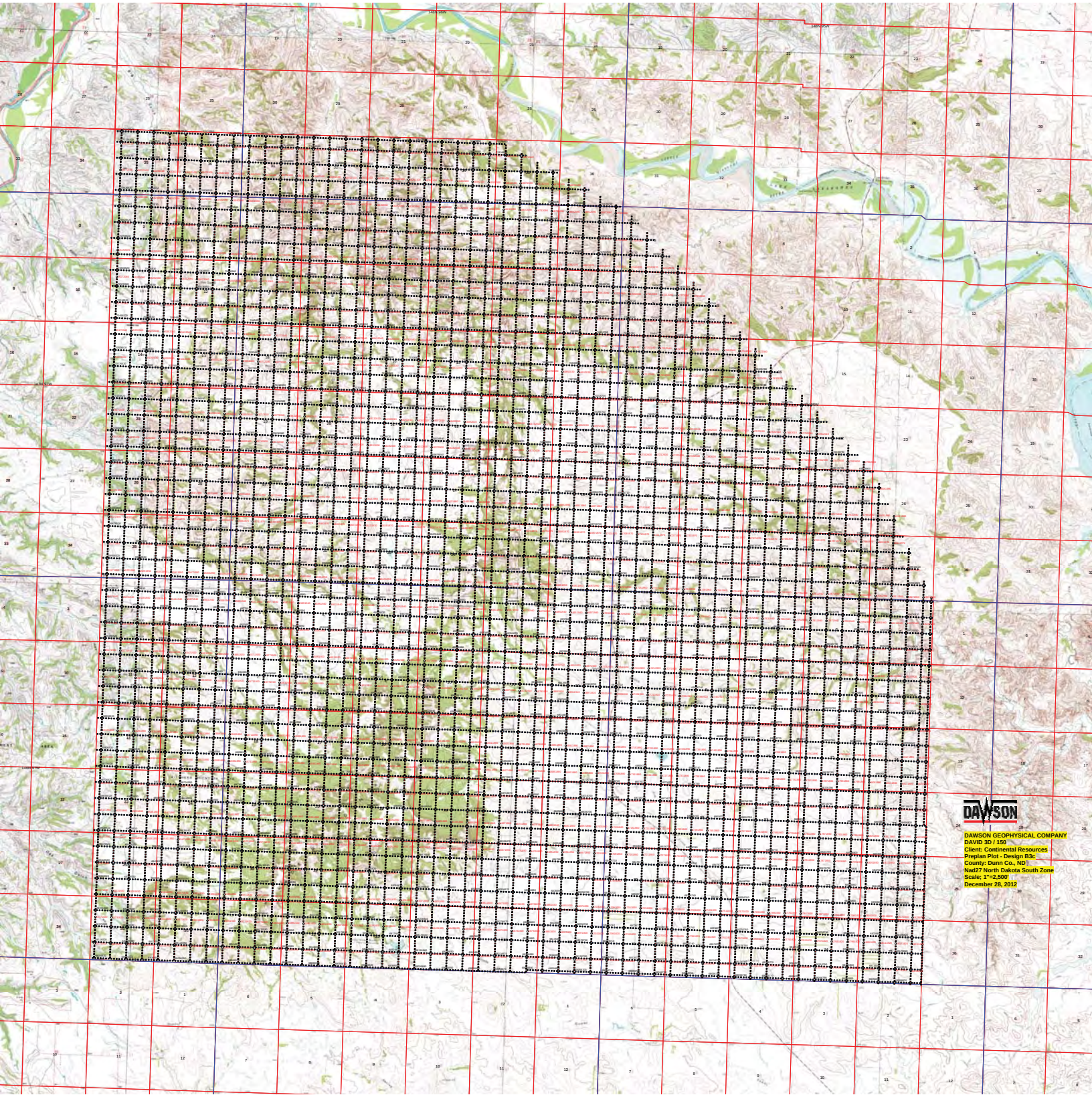
DAWSON
DAWSON GEOPHYSICAL COMPANY
DAVID 3D / 150
Client: Continental Resources
Preplan Plot - Design B3c
County: Dunn Co., ND
Nad27 North Dakota South Zone
Scale; 1"=2,500'
December 28, 2012