



# GEOPHYSICAL EXPLORATION COMPLETION REPORT - FORM GE 6B

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



Permit No. <b>970233</b>	
Shot Hole Operations <b>N/A</b>	*Non-Explosive Operations <b>VIBROSEIS</b>

## SECTION 1

Geophysical Contractor <b>DAWSON GEOPHYSICAL COMPANY</b>	
Project Name and Number <b>SOUTH PRAIRIE 3D-16512</b>	County(s) <b>WARD, RENVILLE</b>
Township(s) <b>156, 156, 157, 157, 158, 158</b>	Range(s) <b>83, 82, 82, 81, 82, 81</b>
Drilling and Plugging Contractors <b>N/A</b>	
Date Commenced <b>October 7, 2012</b>	Date Completed <b>November 7, 2012</b>

## SECTION 2

First S.P. # <b>N/A</b>	Last S.P. # <b>N/A</b>
Loaded Holes (Undetonated Shot Points)	
S.P.#s	
Charge Size	
Depth	
Reasons Holes Were Not Shot	

## SECTION 3

Flowing Holes and/or Blowouts S.P.#s <b>N/A</b>
Procedure for Plugging Flowing Holes and/or Blowouts <b>N/A</b>

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.



PERMIT NAME (Required): SOUTH PRAIRIE 3D

PERMIT NUMBER: 970233

**AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)**

STATE OF North Dakota )

COUNTY OF Ward )

Before me, ~~Stephen M Gilliam~~<sup>JS</sup> Jared L Sanborn a Notary Public in and for the said

County and State, this day personally appeared Stephen M Gilliam

who being first duly sworn, deposes and says that (s)he is employed by \_\_\_\_\_

Dawson Geophysical Company, that (s)he has read North Dakota

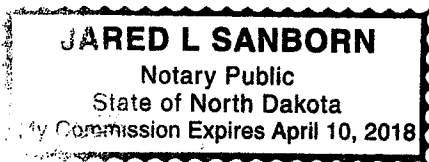
Century Code Section 38-08.1, that the foregoing seismic project has been completed in

accordance with North Dakota Administrative Code Rule 43-02-12 and that the statements on

the reverse side of this document are true.

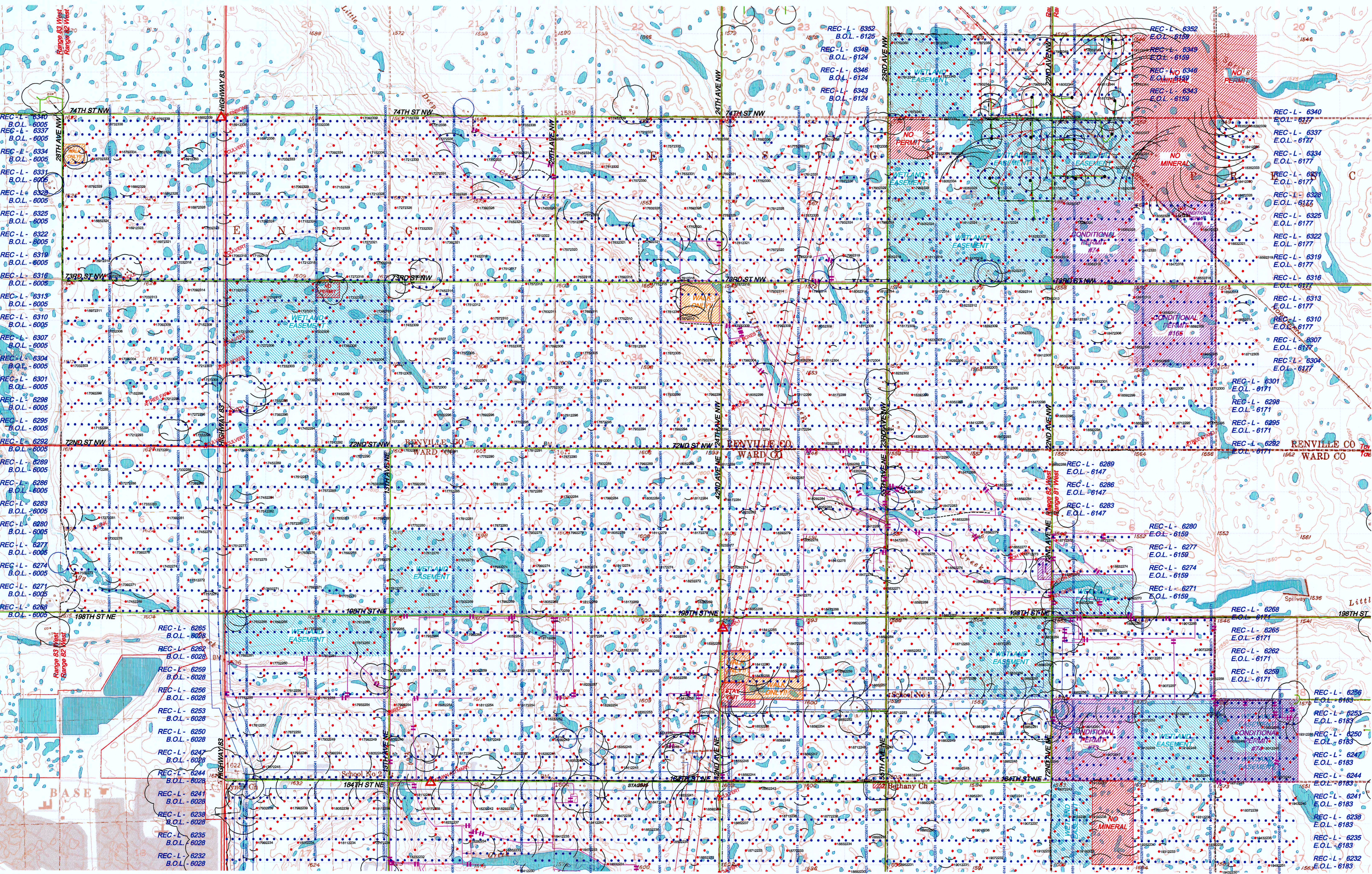
[Signature]  
 Geophysical Contractor Representative

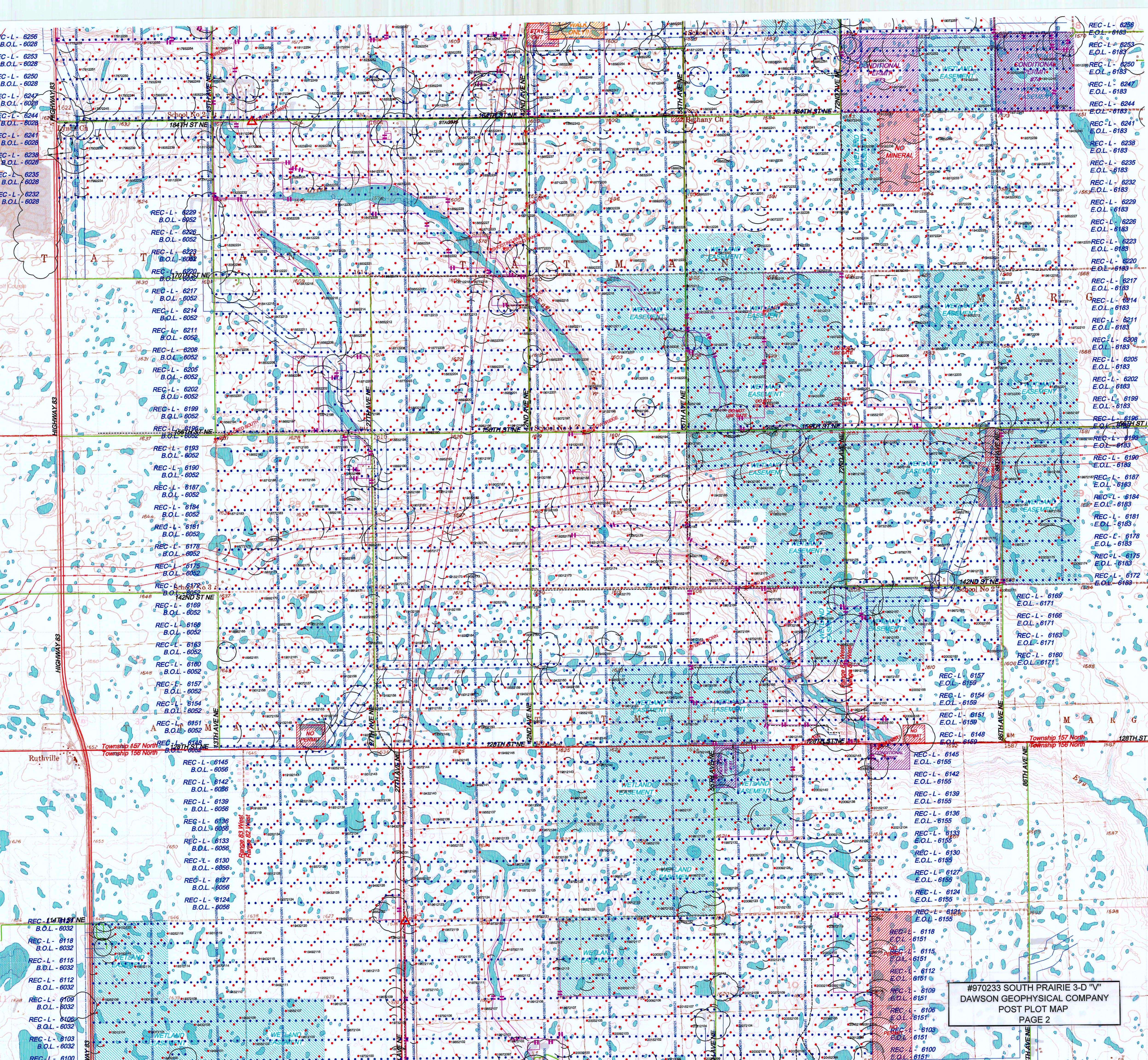
Subscribed in my presence and sworn before me this 7<sup>th</sup> day of November, 2012.



Notary Public [Signature]

My Commission Expires April 10 2018





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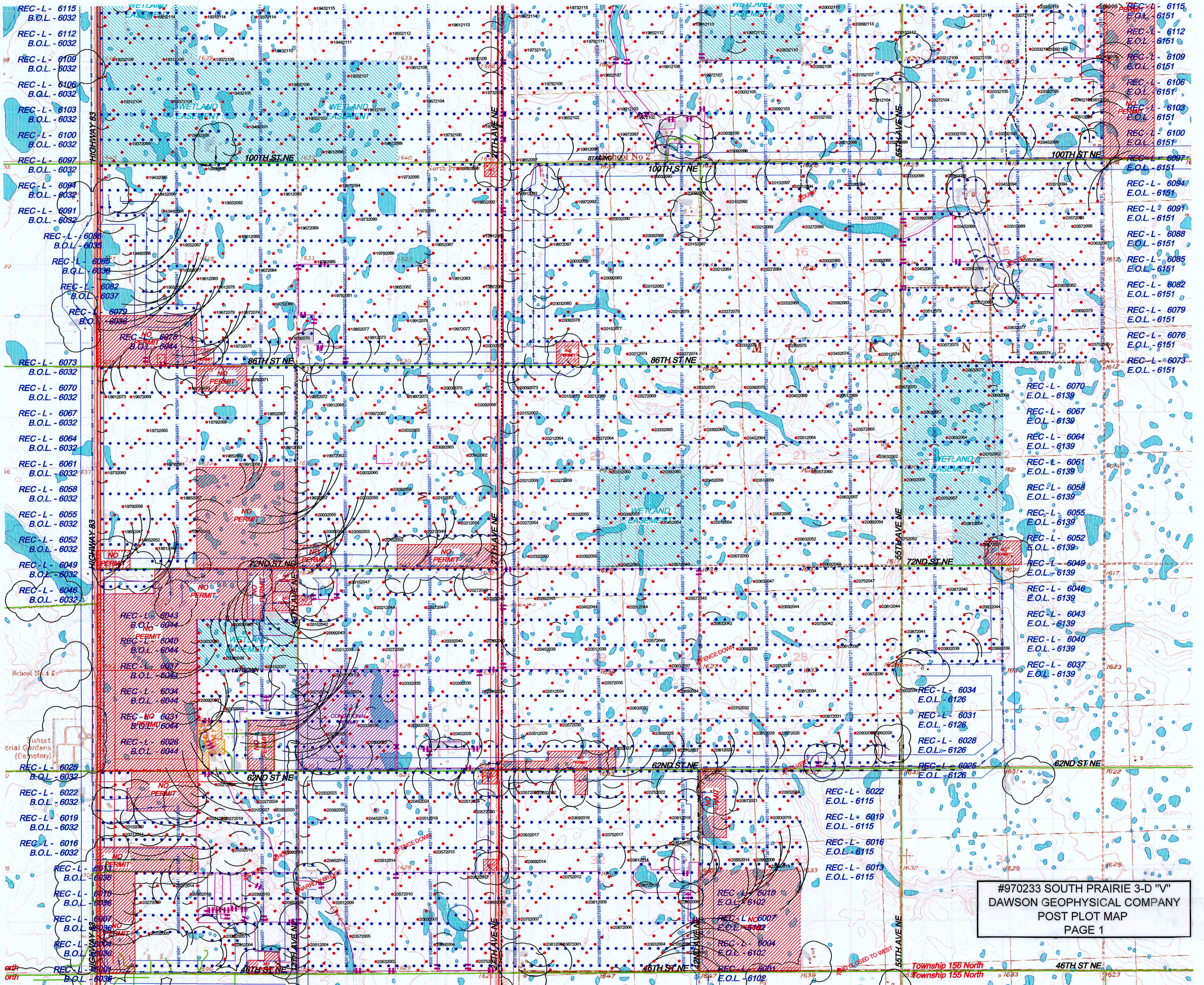
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#970233 SOUTH PRAIRIE 3-D "V"  
DAWSON GEOPHYSICAL COMPANY  
POST PLOT MAP  
PAGE 1

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# 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](http://www.dmr.nd.gov/oilgas)

SEPTEMBER 26, 2012

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

RE:    SOUTH PRAIRIE 3-D  
       GEOPHYSICAL EXPLORATION PERMIT # 97-0233  
       RENVILLE AND WARD COUNTIES  
       NON 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 SEPTEMBER 26, 2012. **PURSUANT TO NDAC 43-02-12-05 (DISTANCE RESTRICTION) non-explosive exploration method may not be conducted not less than 300 feet from a water well, building, underground cistern, pipelines, and flowing spring.** 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](mailto: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 <b>Dawson Geophysical Company</b>		Address <b>508 W Wall Street, Suite 800, Midland, TX 79710</b>			
Contact <b>Zane Zirschky</b>		Telephone <b>303-720-2229</b>		Fax <b>432-684-3030</b>	
Surety Company <b>U.S. Specialty Insurance Company</b>		Bond Amount <b>\$50,000.00</b>		Bond Number <b>BOO5272</b>	
2) a. Subcontractor(s)		Address		Telephone	
b. Subcontractor(s)		Address		Telephone	
3) Party Manager <b>Zane Zirschky</b>		Address (local) <b>6855 S Havana, Ste. 560, Centennial, CO</b>		Telephone (local) <b>303-720-2229</b>	
4) Project Name or Line Numbers <b>South Prairie 3D</b>					
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) <b>Vibroseis 3D</b>					
6) Distance Restrictions (Must check all that apply)					
<input checked="" type="checkbox"/> 300 feet - NonExplosive - Distance setbacks apply to water wells, buildings, underground cisterns, pipelines, and flowing springs.					
<input type="checkbox"/> 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 <b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>96</b>	<b>77</b>	
Size of Hole	Amt of Charge	Depth	Source points per ln. mi.	No. of ln. mi.	
2-D <b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	
8) Approximate Start Date <b>September 29, 2012</b>			Approximate Completion Date <b>December 15, 2012</b>		

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

9) Location of Proposed Project - County <b>Ward &amp; Renville County</b>					
Section(s), Township(s) & Range(s)	Section		T.	R.	
		<b>24-36</b>			<b>82</b>
		<b>19-20, 29-30, 31-32</b>			<b>81</b>
		<b>1-6, 8-17, 21-28, 33-36</b>			<b>82</b>
		<b>6-8, 17-20, 29-31</b>			<b>81</b>
		<b>12-13, 24-25, 36</b>			<b>83</b>
	Section		T.	R.	
		<b>2-11, 15-22, 27-33</b>			<b>82</b>

I hereby swear or affirm that the information provided is true, complete and correct as determined from all available records.			Date <b>September 21, 2012</b>
Signature 	Printed Name <b>Stephen Gilliam</b>	Title <b>Contract Permit Agent</b>	
Email Address(es) gilliam.stephen@gmail.com; zirschky@dawson3d.com			

(This space for State office use)		<b>Permit Conditions</b>	
Permit No. <b>970233</b>	Approval Date <b>9/26/12</b>	* 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.	
Approved by 			
Title <b>Mineral Resources Permit Manager</b>			





# 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](http://www.dmr.nd.gov/oilgas)

SEPTEMBER 26, 2012

The Honorable LeAnn Fisher  
Renville County Auditor  
P.O. Box 68  
Mohall, ND 58761

RE: Geophysical Exploration  
Permit # 97-0233

Dear Ms. Fisher:

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 SEPTEMBER 26, 2012 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  
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](http://www.dmr.nd.gov/oilgas)

SEPTEMBER 26, 2012

The Honorable Devera Smestad  
Ward County Auditor  
315 3rd St SE  
Minot, ND 58701

RE: Geophysical Exploration  
Permit # 97-0233

Dear Ms. Smestad:

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 SEPTEMBER 26, 2012 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  
Mineral Resources Permit Manager



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

## FORM GE 1

### FILING AUTHORIZATION

COMPANY NAME: DAWSON GEOPHYSICAL COMPANY

ADDRESS: 508 W. WALL STREET, SUITE 800

CITY: MIDLAND STATE: TX 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

<u>Authorized Individuals</u>	<u>E-Mail Address</u>	<u>Phone Number</u>
STEPHEN GILLIAM	gilliam.stephen@gmail.com	817-966-4028

Company Authorized Signature: Zane P. Zirschky Date: 09/21/2012

Printed Name: Zane Zirschky Title: Western US Project Manager

Phone: 303/720-2229 Email Address: zirschky@dawson3d.com

\*\*\*\*\*

Witness Signature: Jane Dygert Date: 9/21/2012

Witness Printed Name: Jane Dygert



# SOUTH PRAIRIE 3D STEPHENS PRODUCTION COMPANY SURFACE PERMIT MAP

PROJECT ID# 16512  
SEPTEMBER 22ND, 2012

## LEGEND

- NO CONTACT
- CONTACTED
- PERMITTED
- NO PERMIT
- PERMITTED W/ CONDITIONS
- STATE
- COUNTY
- BLM

157N 83W

- SOURCE
- RECEIVER

158N 82W

158N 81W

157N 82W

157N 81W

156N 83W

156N 82W

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IRENVILLE COUNTY  
WARD COUNTY



# SOUTH PRAIRIE 3D STEPHENS PRODUCTION COMPANY SURFACE PERMIT MAP

PROJECT ID# 16512  
SEPTEMBER 22ND, 2012

## LEGEND

- NO CONTACT
- CONTACTED
- PERMITTED
- NO PERMIT
- PERMITTED W/ CONDITIONS
- STATE
- COUNTY
- BLM

- SOURCE
- RECEIVER

