



October 11, 2014

970256

North Dakota Oil & Gas Division
600 East Boulevard Dept 405
Bismarck, ND 58505-0840

This letter is to confirm that the landowners and ½ mile landowners in and around the Glenscott 3D Project were notified and provided a written copy of the NDCC Section 38-08.1-04.1 (Exploration Permit) and NDCC Chapter 38-11.1 (Oil and Gas Production Damage Compensation) at the time of permitting and was also included with the notification letter prior to commencement of the program. There were 138 landowners involved with the project area and ½ mile outside the project area.

Should you have any questions or concerns, I can be reached at the telephone number listed below.

Regards,

Jesse Melby
St. Croix Seismic
Permit Agent
PO Box 190
Gordon, WI 54838
715-977-1002

**GEOPHYSICAL EXPLORATION COMPLETION REPORT - FORM GE 6A**

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



Permit No. 970258	
Shot Hole Operations	*Non-Explosive Operations Vibro seis

SECTION 1

Geophysical Contractor Dawson Geophysical	
Project Name and Number Glenscott 3D	County(s) Bottineau, Renville, McHenry
Township(s) T159, T158	Range(s) R80, R81, R82
Drilling and Plugging Contractors N/A	
Date Commenced November 12, 2014	Date Completed December 7, 2014

SECTION 2

First S.P. # 	Last S.P. # 											
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 N/A
Procedure for Plugging Flowing Holes and/or Blowouts N/A
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.



GEOPHYSICAL EXPLORATION AFFIDAVIT OF 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 NAME (Required): Dawson Geophysical - Glenscott 3D

PERMIT NUMBER: 970258

AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

STATE OF North Dakota)

COUNTY OF Ward)

Before me, Crystal Willis, a Notary Public in and for the said
County and State, this day personally appeared Grady Gilreath

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

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

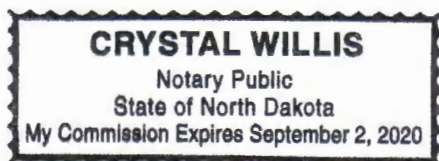
Century Code Section 38-08.1, that the foregoing seismic project has been completed in

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

the reverse side of this document are true.

Grady Gilreath
Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 9 day of December, 2014.

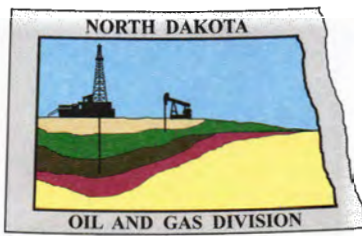


Notary Public

Crystal Willis

My Commission Expires

September 2, 2020



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.oilgas.nd.gov

OCTOBER 9, 2014

MR. BRET SCHAFER
DAWSON GEOPHYSICAL COMPANY
508 WEST WALL STREET
STE 800
MIDLAND, TX 79701

RE: GLENSCOTT 3-D
 GEOPHYSICAL EXPLORATION PERMIT # 97-0258
 BOTTINEAU, MCHENRY, AND RENVILLE COUNTIES
 NON-EXPLOSIVE METHOD

Dear MR. SCHAFER:

Please be advised that we are in receipt of your Geophysical Exploration permit application and it is conditionally approved; effective for one year from OCTOBER 9, 2014. **PURSUANT TO NDAC 43-02-12-05 (DISTANCE RESTRICTION) non-explosive method may not be conducted not less than 300 feet 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,

- 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,

A handwritten signature in black ink, appearing to read 'Todd L. Holweger', with a long horizontal flourish extending to the right.

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)

orig.
rev'd
9/26/14

1) a. Company Dawson Geophysical Co		Address 508 West Wall Suite 800 Midland, TX 79701	
Contact Bret Schafer		Telephone (720) 272-6126	Fax
Surety Company U.S. Specialty Insurance Company		Bond Amount \$50,000	Bond Number B005272
2) a. Subcontractor(s) C.T. Corporation		Address P.O. Box 400, Bismark, ND 58502	
b. Subcontractor(s)		Address	
3) Party Manager Bret Schafer		Address (local)	
		Telephone (local) (720) 272-6126	
4) Project Name or Line Numbers Glenscott 3D			
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) 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 3-D	Amt of Charge	Depth	Source points per sq. mi. Rcv.(197.6) Src.(95.95)
Size of Hole 2-D	Amt of Charge	Depth	Source points per ln. mi.
8) Approximate Start Date 10-15-14		Approximate Completion Date 12-31-14	

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

9) Location of Proposed Project - County Bottineau, McHenry, Renville			
Section(s), Township(s) & Range(s)	Section 13-16,19-25	T. 159	R. 81
	Section 26-29, 30, 31, 32-36	T. 159	R. 81
	Section 31, 32	T. 159	R. 80
	Section 1-5, 8-16	T. 158	R. 81
	Section 17, 21-28	T. 158	R. 81
	Section 5-8	T. 158	R. 80

I hereby swear or affirm that the information provided is true, complete and correct as determined from all available records.			Date 9-24-14
Signature 	Printed Name Jesse M. Melby	Title Permit Agent	
Email Address(es) jesse.melby@stcroixseismic.com			

(This space for State office use)		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.
Permit No. 970258	Approval Date 10/9/14	
Approved by 		
Title Mineral Resources Permit Manager		

*See Instructions On Reverse Side



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, 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

Authorized Individuals

E-Mail Address

Phone Number

Jesse Melby

jesse.melby

(715)-977-1002

St. Croix Seismic

@stcroixseismic.com

Company Authorized Signature: Bret Schafer Date: 14 Aug 2014

Printed Name: Bret Schafer

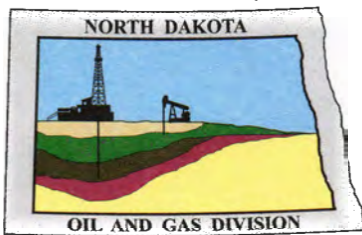
Title: Regional Manager

Phone: 720-272-6126

Email Address: schafer@dawson3d.com

Witness Signature: Stuart Wright Date: 8/14/14

Witness Printed Name: STUART WRIGHT



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.oilgas.nd.gov

October 9, 2014

The Honorable Darlene Carpenter
McHenry County Auditor
407 Main St. South, Rm 201
Towner, ND 58788

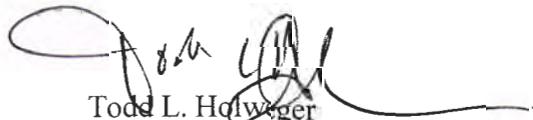
RE: Geophysical Exploration
Permit # 97-0258

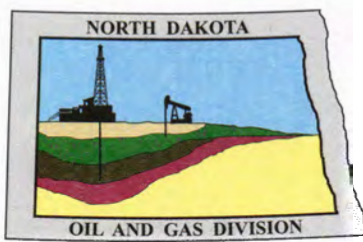
Dear Ms. Carpenter:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that Dawson Geophysical Co. was issued the above captioned permit on October 9, 2014 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.oilgas.nd.gov

October 9, 2014

The Honorable LISA HERBEL
Bottineau County Auditor
314 West 5th
Bottineau, ND 58318-1204

RE: Geophysical Exploration
Permit # 97-0258

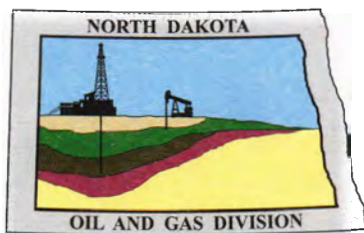
Dear Ms. HERBEL:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that DAWSON GEOPHYSICAL Co. was issued the above captioned permit on October 9, 2014 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.oilgas.nd.gov

October 9, 2014

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

RE: Geophysical Exploration
Permit # 97-0258

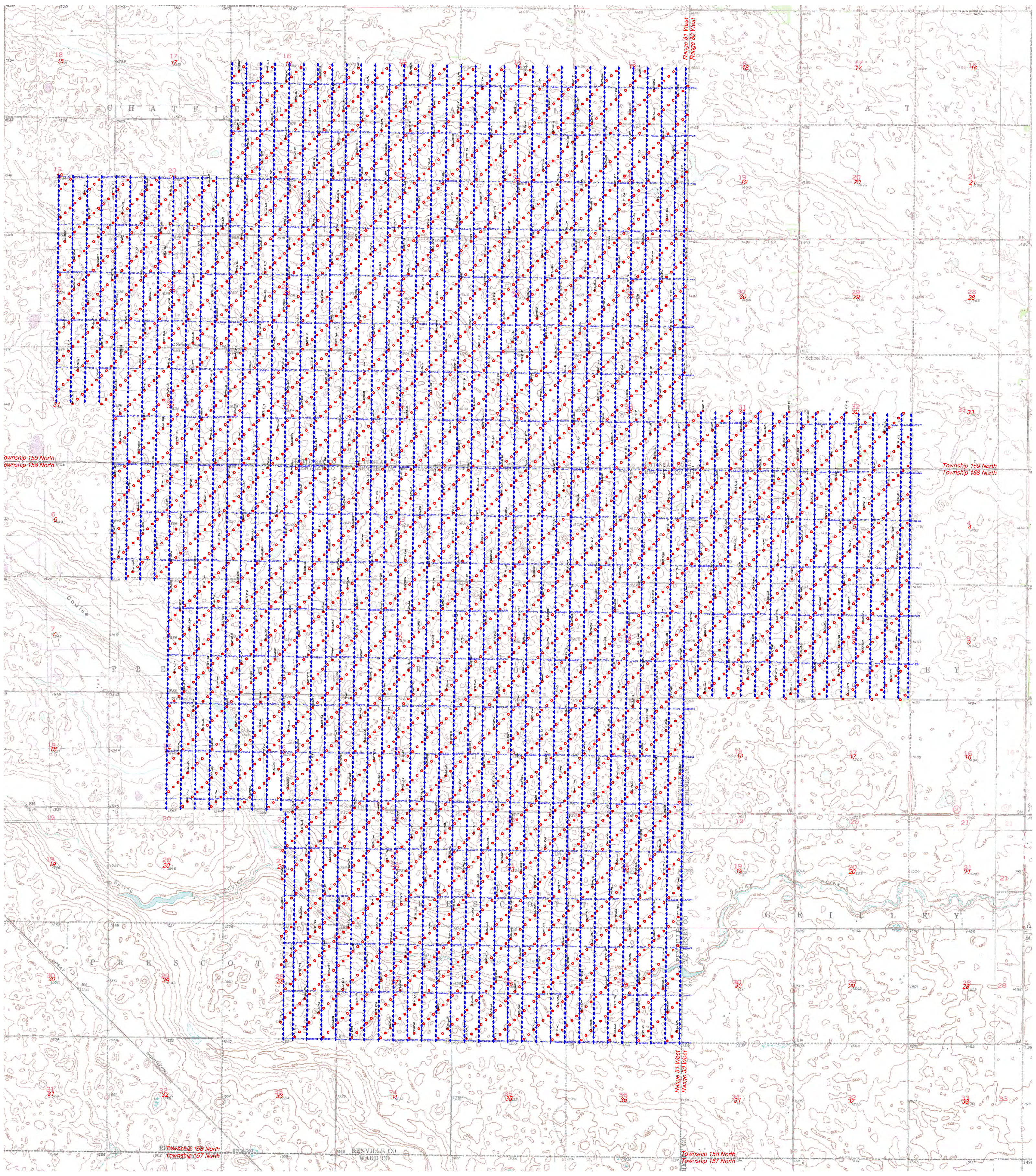
Dear Ms. Pollman:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that DAWSON GEOPHYSICAL CO. was issued the above captioned permit on October 9, 2014 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



Township 159 North
Township 158 North

Township 159 North
Township 158 North

Township 159 North
Township 157 North

RENNVILLE CO
WARD CO

Range 81 West
Range 80 West

Township 158 North
Township 157 North