



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): North Shore 3-D

PERMIT NUMBER: 970205

AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

STATE OF North Dakota)

COUNTY OF ~~Mountrail~~ Williams)

Before me, Hazel V. Iverson, a Notary Public in and for the said

County and State, this day personally appeared Vanda Finney

who being first duly sworn, deposes and says that (s)he is employed by Dawson Geophysical Co.

_____ , that (s)he has read North Dakota

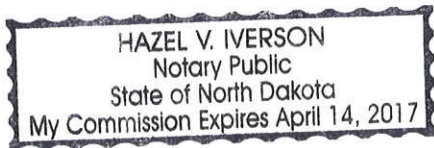
Century Code Section 38-08.1, that the foregoing seismic project has been completed in

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

the reverse side of this document are true.

Vanda Finney
Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 3rd day of October, 2011.



Notary Public Hazel V. Iverson

My Commission Expires 4/14/2017



AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

STATE OF Montana)

COUNTY OF Wibaux)

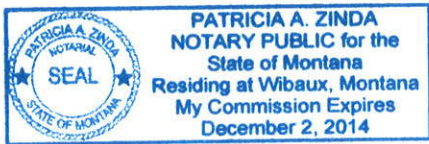
Before me, Patricia A. Zinda, a Notary Public in and for the said
County and State, this day personally appeared Stephen M. Gilliam

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.

Stephen M. Gilliam
Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 31st day of May, 2011.



Notary Public Patricia A. Zinda

My Commission Expires _____



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. 970205	
Shot Hole Operations combo vib/shot	*Non-Explosive Operations

SECTION 1

Geophysical Contractor Dawson Geophysical Company	
Project Name and Number North Shore 3D 11811	County(s) Mountrail & Williams
Township(s) 153-154-155	Range(s) 92-93-94-95
Drilling and Plugging Contractors Douglas Exploration L.L.C.	
Date Commenced July 29, 2011	Date Completed October 19, 2011

SECTION 2

First S.P. # 2116-2156	Last S.P. # 2180-2060											
Loaded Holes (Undetonated Shot Points) none												
S.P.#s												
Charge Size												
Depth												
Reasons Holes Were Not Shot												

SECTION 3

Flowing Holes and/or Blowouts S.P.#s
Procedure for Plugging Flowing Holes and/or Blowouts
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 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 # 970205

Project Name North Shore
County Montrail and Williams County, North Dakota
Supplemental Information See Attachment <i>- Dropped 3 sections</i> <i>- Combo vibe/shot hole</i>

Company Dawson Geophysical Company		Telephone Number (432) 681-3000	
Address 508 West Wall Street, Suite 800			
City Midland	State TX	Zip Code 79701	
Signature <i>Mike Granger</i>	Printed Name MIKE GRANGER		
Title PERMIT AGENT	Date September 14, 2011		
Email Address mrpermits@live.com			

FOR STATE USE ONLY

<input type="checkbox"/> Received	<input checked="" type="checkbox"/> Approved
Date 9/16/11	
By <i>Todd L. Holweger</i>	
Title Original Signed By: TODD L. HOLWEGER Mineral Resource Permit Manager	

Todd L Holweger
DMR Permit Manager

Todd,

Dawson Geophysical Co is requesting to use shot hole infill for permit #970205 (North Shore 3D) to reduce surface damages due to wet areas. Please let me know if there is anything else I can provide to acquire approval.

Thank you

Mike Granger
Contract Permit Agent
231-920-2488

ATTACHMENT A
OF
GEOPHYSICAL EXPLORATION PERMIT
North Shore 3D

Mountrail County Lands

T153N-R93W, Sections; 1 through 16 No 7 or 8
T154N-R92W, Sections; 5 through 8; 17 through 20; 29 & 30
T154N-R93W, Sections; 1 through 36
T154N-R94W, Sections; 1 through 25 No 19
T155N-R92W, Sections; 29 through 32
T155N-R93W, Sections; 25 through 36
T155N-R94W, Sections; 7 through 11; 14 through 23; 25 through 36

Williams County Lands

T154N-R95W, Sections; 1, 2, 11, 12, 13 & 14
T155N-R95W, Sections, 12, 13, 24, 25, 35 & 26

pre plot
MAY 2011
155N 93W

NORTH SHORE 3D

HESS CORPORATION

4-17-2011

95W 155N 94W

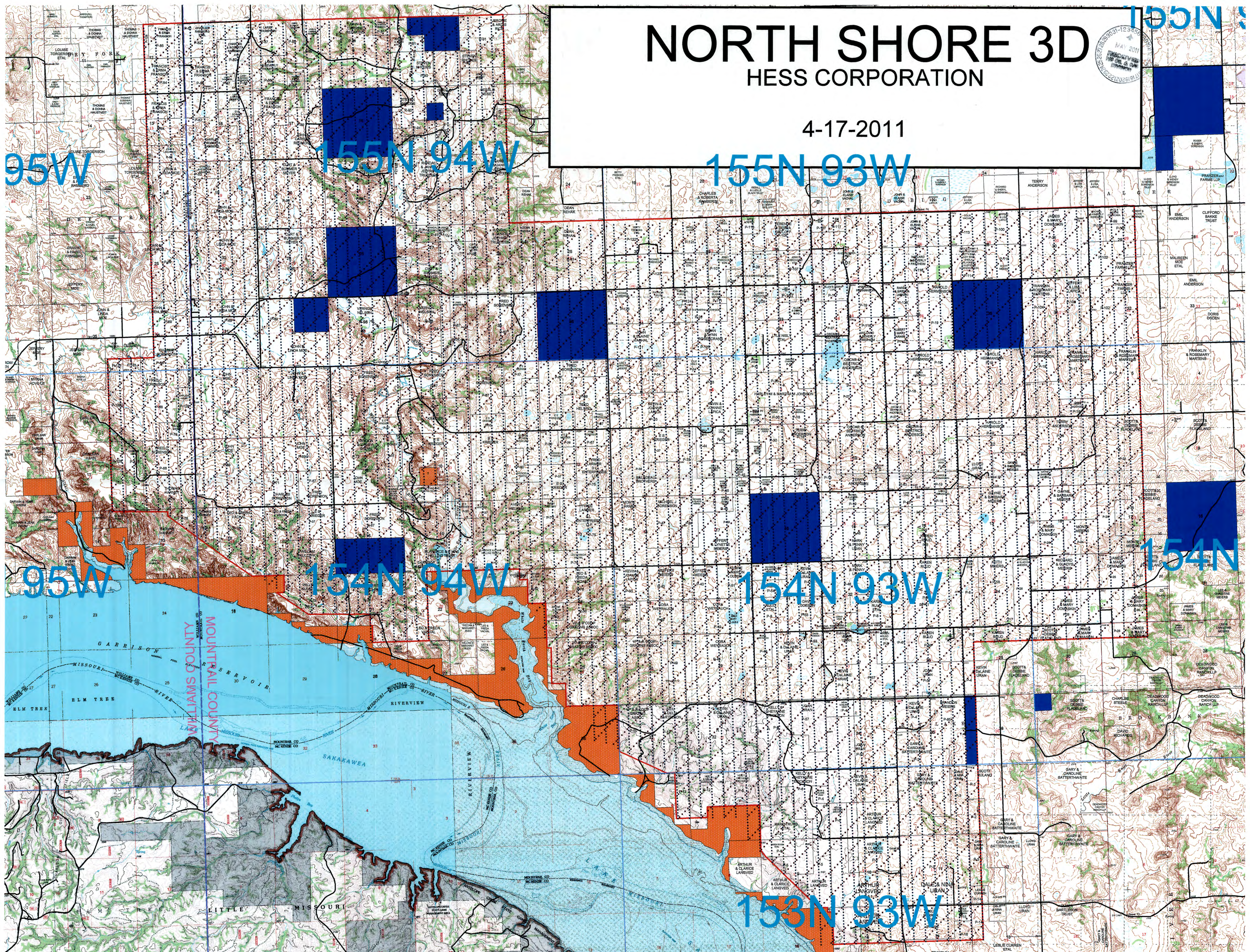
155N 93W

95W 154N 94W

154N 93W

154N

153N 93W





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

MAY 5, 2011

The Honorable Joan Hollekim
Mountrail County Auditor
P.O. Box 69
Stanley, ND 58784

RE: Geophysical Exploration Permit #97-0205

Dear Ms. Hollekim:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that DAWSON GEOPHYSICAL COMPANY was issued the above captioned permit on MAY 5, 2011 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



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

MAY 5, 2011

The Honorable Beth Innis
Williams County Auditor
P.O. Box 2047
Williston, ND 58802-2047

RE: Geophysical Exploration Permit #97-0205

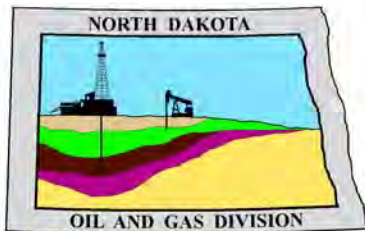
Dear Ms. Innis:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that DAWSON GEOPHYSICAL COMPANY was issued the above captioned permit on MAY 5, 2011 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



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

MAY 5, 2011

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

RE: NORTH SHORE 3-D
 GEOPHYSICAL EXPLORATION PERMIT # 970205
 MOUNTRAIL AND WILLIAMS 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 MAY 5, 2011. **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 may be 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,

A handwritten signature in blue ink, appearing to read "Todd L. Holweger". The signature is fluid and cursive, with a long horizontal stroke 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)



1) a. Company Dawson Geophysical Company		Address 508 W Wall Street, Ste 800, Midland TX 79701			
Contact Zane Zirschky		Telephone (432) 681-3000		Fax (432) 684-3030	
Surety Company U.S.Specialty Insurance Company		Bond Amount \$50000		Bond Number B005272	
2) a. Subcontractor(s)		Address		Telephone	
b. Subcontractor(s)		Address		Telephone	
3) Party Manager Zane Zirschky		Address (local) 6855 S.Havanna, Ste 500, Centennial, ND		Telephone (local) (303) 723-0440	
4) Project Name or Line Numbers North Shore 3D					
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) VIBROSEIS					
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 NA	NA	NA	75	118	
Size of Hole	Amt of Charge	Depth	Source points per ln. mi.	No. of ln. mi.	
2-D NA	NA	NA	NA	NA	
8) Approximate Start Date May 5, 2011			Approximate Completion Date October 1, 2011		

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

9) Location of Proposed Project - County
MOUNTRAIL & WILLIAMS COUNTIES

Section(s), Township(s) & Range(s)	Section	T.	R.
	PLEASE SEE ATTACHMENT		
	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 **5/4/11**

Signature <i>Vanda Finney</i>	Printed Name Vanda Finney	Title Permit Agent
Email Address(es) vandafinney@yahoo.com		

(This space for State office use)		Permit Conditions
Permit No. 970205	Approval Date 5/5/11	
Approved by <i>John A. DeWe</i>		
Title Mineral Resources Permit Manager		

* 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

ATTACHMENT A
OF
GEOPHYSICAL EXPLORATION PERMIT
North Shore 3D

Mountrail County Lands

T153N-R93W, Sections; 1 through 16 *No 7 or 8.*

T154N-R92W, Sections; 5 through 8; 17 through 20; 29 & 30

T154N-R93W, Sections; 1 through 36

T154N-R94W, Sections; 1 through 25 *No 19.*

T155N-R92W, Sections; 29 through 32

T155N-R93W, Sections; 25 through 36

T155N-R94W, Sections; 7 through 11; 14 through 23; 25 through 36

Williams County Lands

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T155N-R95W, Sections, 12, 13, 24, 25, 35 & 26