



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): West Nesson 3-D

PERMIT NUMBER: 970171

AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

STATE OF _____)

COUNTY OF _____)

Before me, _____, a Notary Public in and for the said

County and State, this day personally appeared Rickie Scheetz

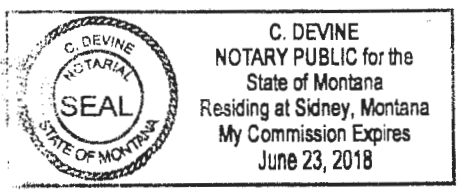
who being first duly sworn, deposes and says that (s)he is employed by _____

Geokinetics USA Inc., 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 10 day of April, 2015.



Notary Public C. Devine

My Commission Expires June 23, 2018



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. 970171	
Shot Hole Operations	*Non-Explosive Operations West Nesson 3-D

SECTION 1

Geophysical Contractor Geokinetics USA Inc.	
Project Name and Number West Nesson 3-D	County(s) Williams & Divide
Township(s) 159N, 160N	Range(s) 95W, 96W
Drilling and Plugging Contractors	
Date Commenced January 9, 2010	Date Completed March 22, 2010

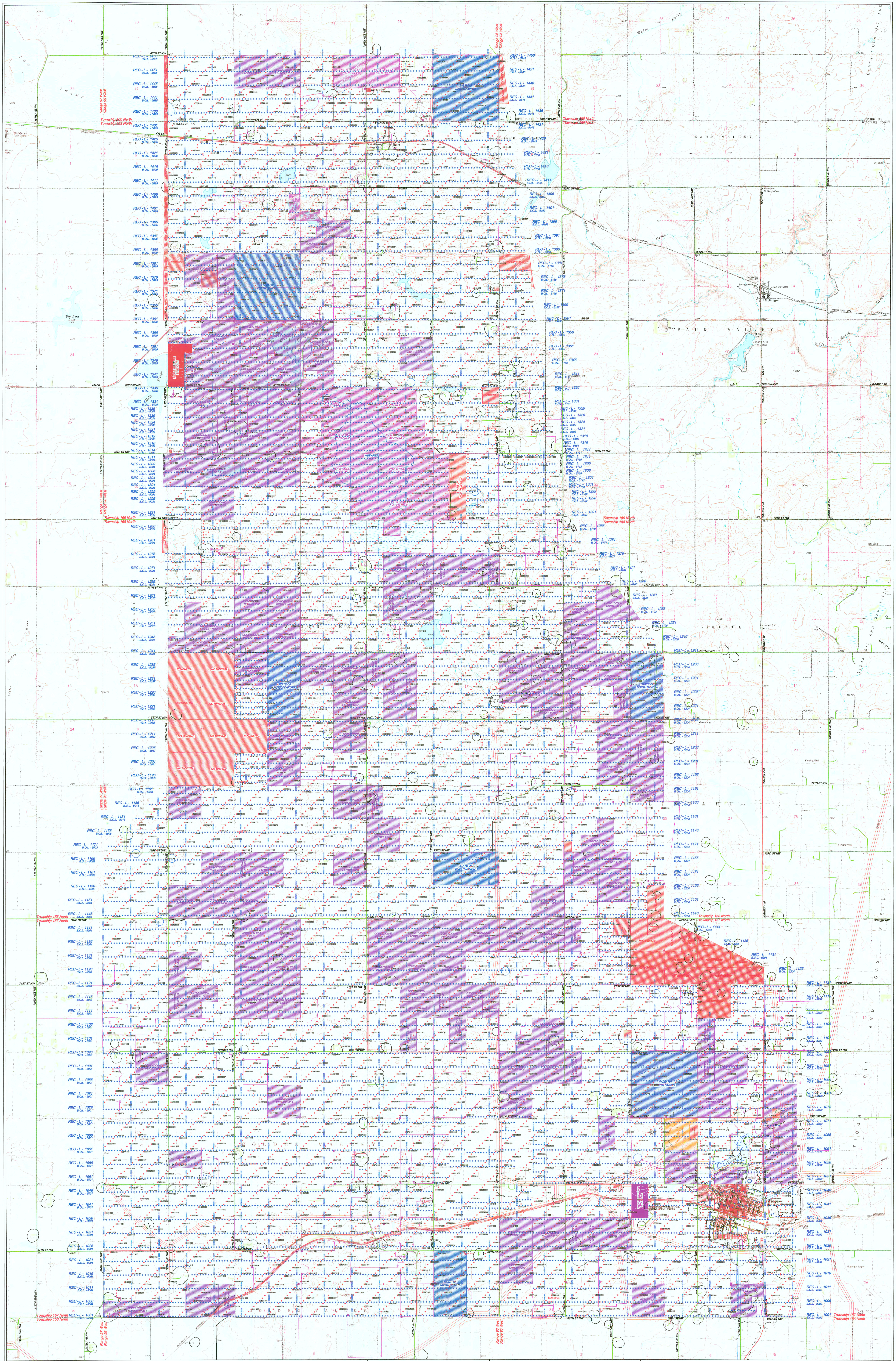
SECTION 2

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
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).



Client:

XTO ENERGY
Geophysical Contractor:

Geokinetics
Permitting Contractor:

COUGAR LAND SERVICES
Surveying, Mapping, Drilling, and GIS done by:

ECS INC.
ERICKSON CONTRACT SURVEYING



1:24000 USGS TOPOGRAPHIC MAPS

WEST NEISSON 3-D
POSTPLOT MAP
OWDIE & WILLIAMS CO., ND
TOWNSHIPS 157, 158, 159
& 160 NORTH
RANGES 95 & 96 WEST
RECEIVER LINE INTERVAL: 220'
VIBROSEIS

MARCH 22, 2010

1:24000 USGS TOPOGRAPHIC MAPS

GPS CONTROL POINT SUMMARY

STATION ID	SET	OPUS/RTK	WGS84 LATITUDE	WGS84 LONGITUDE	ELLIP HEIGHT	NAD83 (X)	NAD83 (Y)	ORTHO HEIGHT
CP#1-N	REBAR	OPUS	49.24.05.47 N	103.02.01.01 W	2293.12	103020.09	68966.05	2293.07
CP#1-S	REBAR	RTK	49.24.04.17 N	103.02.01.01 W	2293.12	103020.08	68966.04	2293.07
CP#1-E	REBAR	RTK	49.24.04.32 N	103.02.01.10 W	2296.48	103024.72	69241.23	2296.01

NAD83 NORTH DAKOTA STATE PLANE NORTH ZONE

TOTAL RECEIVER POINTS: 16893
TOTAL SOURCE POINTS: 10383
AREA (SQUARE METERS): 1,142
RECEIVER LINE INTERVAL: 110'
SOURCE LINE AZIMUTH: 91°53'58.97"

SCALE: 1:24000

LEGEND

- NATIONAL GRASSLAND
- BUREAU OF LAND MANAGEMENT
- STATE
- U.S. ARMY CORPS OF ENGINEERS
- NATIONAL FISH AND WILDLIFE SERVICE
- CONDITIONAL PERMITS
- CABLE/WALK ONLY PERMITS
- NO PERMITS
- PRIMARY HIGHWAY
- IMPROVED ROAD
- PRIMITIVE ROAD
- QUAD WELLS
- POWER LINES
- WATER LINES
- TELEPHONE LINES
- FENCE
- GATE
- LETDOWN
- OFF-ROAD ACCESS
- DIK OIL GAS WELLS
- CONTROL POINTS
- POSTPLOT RECEIVERS
- POSTPLOT RECEIVERS
- POSTPLOT RECEIVERS - VIBES
- POSTPLOT SOURCE - CONV. DRILLS
- POSTPLOT SOURCE - RIGGY DRILLS
- POSTPLOT SOURCE - HELICOPTER DRILLS
- HAYSTACK
- RESTRICTED AREA - 300 FT
- CEMETERY
- AIRPORT
- INTERSTATE HIGHWAY
- U.S. HIGHWAY
- STATE HIGHWAY
- COUNTY ROAD

E.C.S., INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES. ALL TOPO FEATURES ON THIS MAP ARE APPROXIMATE ONLY. IT IS E.C.S., INC. POLICY TO STAKE ALL SOURCE POINTS A MINIMUM OF 150 FT. FROM WATERWELLS, SPRINGS, OIL WELLS, AND/OR ANY OTHER STRUCTURES. ANY SOURCE POINTS CLOSER THAN 150 FT. TO THE ABOVE MENTIONED ITEMS HAVE BEEN UNDER THE DIRECTION OF THE CLIENT. THEREFORE, E.C.S., INC. ASSUMES NO LIABILITY ON ANY SOURCE POINTS CLOSER THAN 150 FT. TO THE ABOVE MENTIONED ITEMS.

Oil and Gas Division

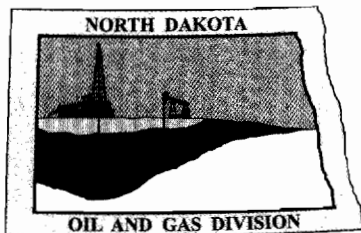
Lynn D. Helms - Director Bruce E. Hicks - Assistant Director

Department of Mineral Resources

Lynn D. Helms - Director

North Dakota Industrial Commission

www.oilgas.nd.gov



December 31, 2009

Mr. Rickie A. Sheetz
Project Manager
Geokinetics USA, Inc
1500 CityWest Blvd.
Suite 800
Houston, TX 77042

RE: West Nesson 3-D
Geophysical Exploration Permit #97-0171
Divide & Williams Counties

Dear Mr. Sheetz:

Please be advised that we are in receipt of your Geophysical Exploration permit and it is conditionally reinstated; effective for one year from December 31, 2009. 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.
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 a letter 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 for the locations 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.

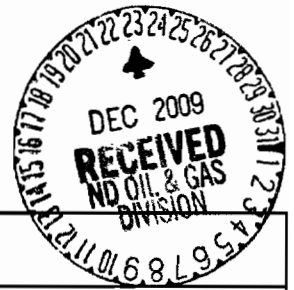
Sincerely,



Todd L. Holweget
Mineral Resources Permit Manager



GEOPHYSICAL EXPLORATION PERMIT
 INDUSTRIAL COMMISSION OF NORTH DAKOTA
 OIL AND GAS DIVISION
 600 EAST BOULEVARD DEPT 405
 BISMARCK, ND 58505-0840
 SFN 51459 (02-2008)



1) a. Company Geokinetics USA Inc.		Address 1500 Citywest Blvd. Houston, TX	
Contact Rickie A Scheetz		Telephone 281 620 7041	Fax
Surety Company US Specialty Insurance		Bond Amount \$50,000.00	Bond Number B004059
2) a. Subcontractor(s) Erickson Contract Survey		Address Sidney, MT	
b. Subcontractor(s)		Telephone 406 482 6606	
c. Subcontractor(s)		Address	
3) Party Manager Juan Trevino		Address (local) TBD	
4) Project Name or Line Numbers West Nesson 3-D		Telephone (local) 281 636 2689	
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) Non Explosive 3-D			
6) Approximate Start Date January 1, 2010		Approximate Completion Date June 30, 2010	

THE COMMISSION MUST BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF COMMENCEMENT OF DRILL/PLUG OPERATIONS

7) Location of Proposed Project - County Williams, Divide					
Section(s), Township(s) & Range(s)	Section 32-36	T. 160	R. 96		
	Section 31	T. 160	R. 95		
	Section 6,7,18,19,30,31	T. 159	R. 95		
	Section 1-5,8-17,20-29,32-36	T. 159	R. 96		
8) Size of Hole 3-D N/A	Amt of Charge N/A	Depth N/A	Source points per sq. mi. 72	No. of sq. mi. 144	9) Must supply latitudes and longitudes of post-plot source and receiver points on an SD card.
Size of Hole 2-D	Amt of Charge	Depth	Source points per In. mi.	No. of In. mi.	

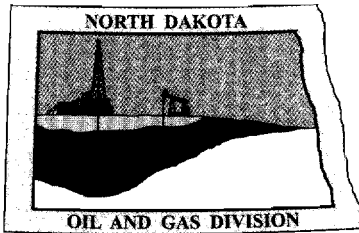
10) Anticipated special drilling and plugging procedures?
 11) Enclose a pre-plot map with proposed location of seismic program lines and powder mag.

Signed 		Title Project Manager	Date December 22, 2009
(This space for State office use)		Conditions of Approval if any	
Permit No. 970171	Approval Date 12/31/09	See Attached letter	
Approved by 	Title Mineral Resources Permit Manager		
County Approval Sent Williams & Divide	*Permit re-instated		

*See Instructions On Reverse Side

Williams

Section(s), Township(s) & Range(s)	Section 1-5,8-12,13-17,20-24,25-30,31-36	T. 158	R. 96
	Section 5,8,9,16-21,28-33	T. 158	R. 95
	Section 1-36	T. 157	R. 96
	Section 3-11,14-23,26-35	T. 157	R. 95
	Section 31	T. 160	R. 96
	Section 6,7,18,19,30,31	T. 159	R. 96
	Section 6,7,18,19	T. 158	R. 96



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

December 31, 2009

The Honorable Gayle Jastrzebski
Divide County Auditor
P.O. Box 49
Crosby, ND 58730-0049

RE: Geophysical Exploration
 Permit #97-0171

Dear Ms. Jastrzebski:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that the above captioned permit for Geokinetics USA, Inc. was reinstated on December 31, 2009 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,

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

Todd L. Holweger
DMR Permit manager

Oil and Gas Division

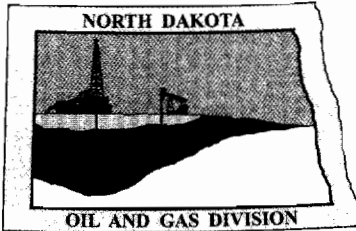
Lynn D. Helms - Director Bruce E. Hicks - Assistant Director

Department of Mineral Resources

Lynn D. Helms - Director

North Dakota Industrial Commission

www.oilgas.nd.gov



December 31, 2009

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

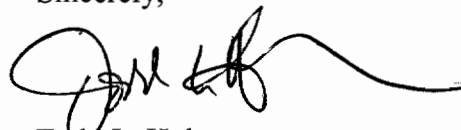
RE: Geophysical Exploration
 Permit #97-0171

Dear Ms. Innis:

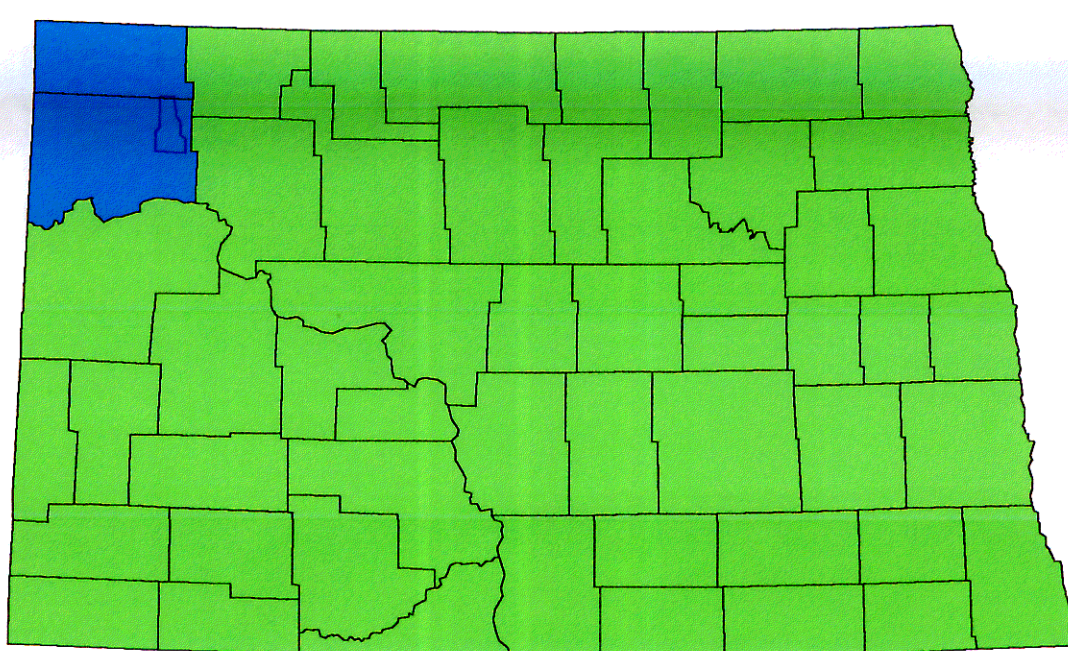
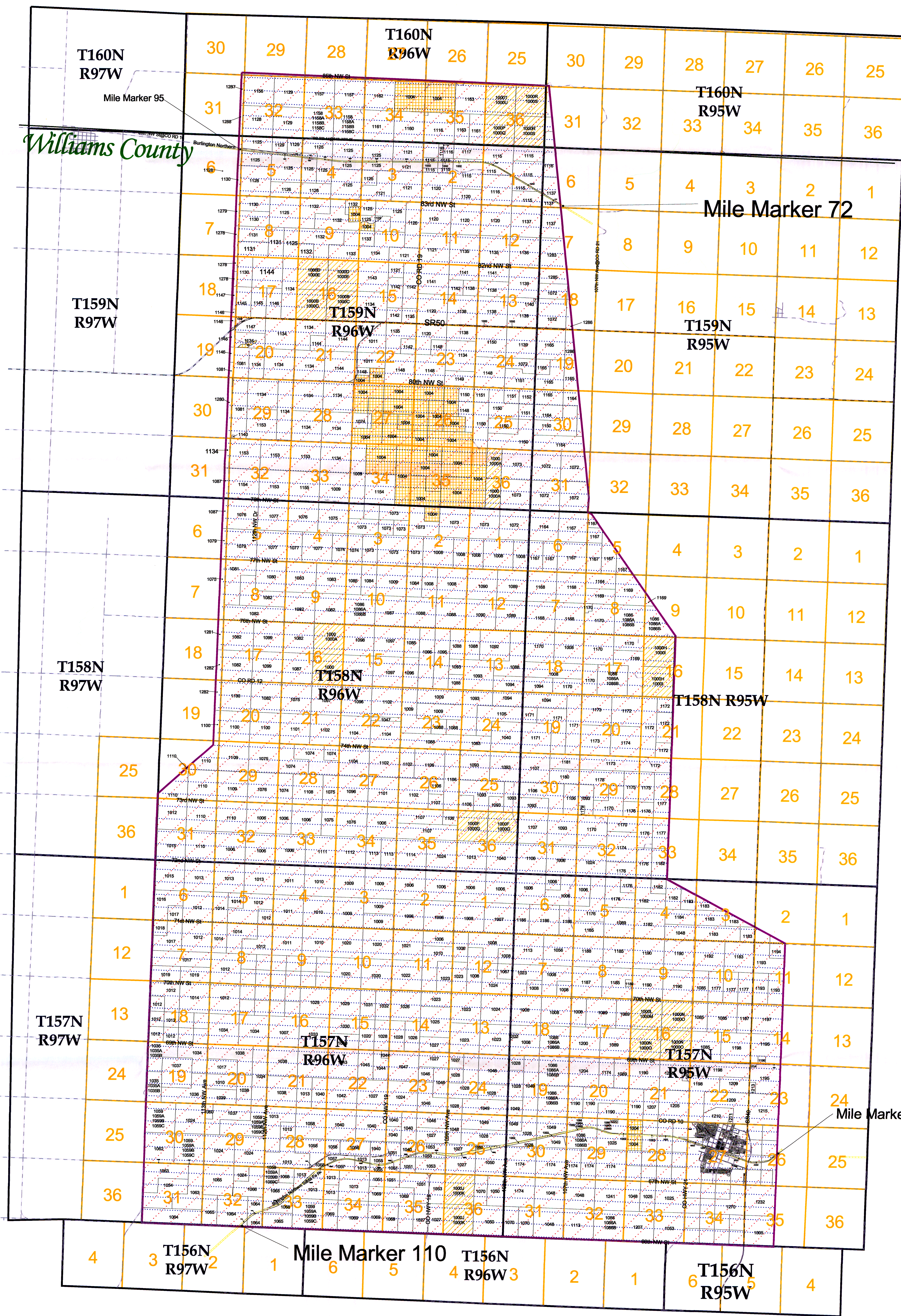
Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that the above captioned permit for Geokinetics USA, Inc. was reinstated on December 31, 2009 and will remain in effect for a period of one year. The entire permit can be viewed on our website at: <https://www.dmr.nd.gov/oilgas/seismic/seismicstats.asp>

Should you have any questions, please contact our office.

Sincerely,



Todd L. Holweger
DMR Permit manager



Area of Interest
 Williams & Divide Counties
 North Dakota
 North Dakota North
 NAD 87 Feet
 Scale: 1" = 3,000'
 148.73 Square Miles
 92,207.2 Acres



West Nesson 3-D Surface Map

November 23, 2009

- Map Legend**
- Source Points
 - Receiver Points
 - ▭ Project Boundary
 - ▭ County Line
 - ▭ Permitted
 - ▭ Conditional
 - ▭ Cable
 - ▭ Walk
 - ▭ No Permit
 - ▭ State of North Dakota
 - ▭ US Fish & Wildlife



**COUGAR
 LAND SERVICES, LLC**

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.



November 16, 2009

Attention: Surface Owner's

Re: Notice of Geophysical Operations
West Nesson 3D Project
Williams County North Dakota

Cougar Land Services, LLC is currently contacting landowner's in Townships 157-158-159 and 160 North, Ranges 95-96-and 97 West in Williams County, North Dakota concerning a 3D seismic survey across lands in this area. North Dakota Industrial Commission, Oil and Gas Division Regulations require us to provide you with a copy of section 38-08.1-04.1 and chapter 38-11.1 concerning geophysical operations. Copies of those regulations are attached.

Notification is sent to all landowner's within the project boundary and within ½ mile outside the survey.

If any portion of this proposed project crosses property owned by you, a representative will be contacting you in the very near future to discuss an access agreement.

If you have any questions concerning this project please call (281) 242-2244 or you may email questions or information requests by logging onto our website: www.cougarlandservices.net

Thank you in advance for your cooperation.

Cougar Land Services, LLC.
10701 Corporate Drive, Suite 377
Stafford, Texas 77477

Office: (281) 242-2244

Enclosures: 2



SUNDRY NOTICE
 INDUSTRIAL COMMISSION OF NORTH DAKOTA
 OIL AND GAS DIVISION
 600 EAST BOULEVARD DEPT 405
 BISMARCK, ND 58505-0840
 SFN 51458 (03-2003)



PERMIT # 97-0171

Project Name West Nesson 3D
County Williams, Divide Counties
Supplemental Information Project Cancelled

Company Geokinetics USA, Inc.			
Address 1500 City West Bld Suite 800			
City Houston	State TX	Zip Code 77042	
By Bruce Fulker <i>BF</i>	Date April 24, 2009		
Title Agent	Telephone Number 281-242-2244		

FOR OFFICE USE ONLY

Date Received <i>4/27/09</i>
By <i>John H. Rieger</i>
Title Mineral Resources Permit Manager

Holweger, Todd L.

From: Bruce Fulker [bfulker@cougarlandservices.net]
Sent: Friday, April 24, 2009 2:51 PM
To: Holweger, Todd L.
Cc: 'David Bush'
Subject: West Nesson 3D Project
Attachments: West Nesson 97-0171.pdf

Todd: The West Nesson 3D Project has been cancelled. Attached is a sundry notice for the project. All landowner's were notified by letter of the cancellation.

If you need additional information please call me.

Bruce Fulker
Cougar Land Services LLC
10701 Corporate Drive
Suite 377
Stafford, TX 77477

Office: (281) 242-2244 Ext. 222
Fax: (281) 242-2310
Cell: (713) 806-2024
bfulker@cougarlandservices.net



COUGAR
LAND SERVICES...

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SUNDRY NOTICE

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 51458 (03-2003)



PERMIT # 97-0171

Project Name West Nesson 3D
County Williams, Divide Counties
Supplemental Information Project is on hold for 60 days. Decision to be made on April 1, 2009.

Company Geokinetics USA, Inc.		
Address 1500 City West Suite 800		
City Houston	State TX	Zip Code 77042
By Bruce Fulker <i>BF</i>	Date February 17, 2009	
Title Agent	Telephone Number 713-840-3380	

FOR OFFICE USE ONLY

Date Received 2/24/09
By <i>[Signature]</i>
Title Mineral Resources Permit Manager

#970171

Holweger, Todd L.

From: Bruce Fulker [bfulker@cougarlandservices.net]
Sent: Saturday, February 14, 2009 12:22 PM
To: Holweger, Todd L.; Torstenson, Tomas V.
Subject: West Nesson / South Nesson Phase II 3D Projects



Todd: I represent XTO Energy on the West Nesson and South Nesson Phase II projects. I wanted to update you and Tom as to where we stand as of Feb 15th. The West Nesson 3D has been put on hold until further notice due to issues with the piping plover and budgets. It will be reviewed again late 1st quarter and a decision made as to its fate. I have sent a letter to each landowner who signed a permit advising them of the situation. Once a decision is made we will notify them again by letter if the project is cancelled or have permit agents back on site should it be approved to go forward.

The South Nesson Phase II project has also been suspended due to issues with the "Pallid Sturgeon", a threatened and endangered fish species that may exist in the portion of Missouri River that flows thru the project. We spent a month trying to mitigate this with the US Fish and Wildlife Service and have simply run out of time to get the project shoot this Winter before we lose the ice on the River. We have re-submitted a revised plan of operations to the Corps of Engineers, US Fish and Wildlife Service and US Forest Service for a July-August operational window. A meeting is scheduled on March 10th in Riverdale to determine if that is feasible given and EA will most likely be required now. After that meeting I can further update you as to the status of the project.

I will submit a sundry notice for West Nesson putting the project on hold next week. Once a plan is worked out on South Nesson, I will submit one for it. If you have any questions regarding either of these projects please contact me. I will be re-locating my office here in Houston on February 23rd at which time my office number will change. My new contact information will be:

The new address and phone number is:

*Cougar Land Services LLC
 10701 Corporate Dr.
 Suite 377
 Stafford, TX 77477*

*(281) 242-2244 Office
 (281) 242-2310 Fax*

Email addresses will remain the same. Please update your records.

***Bruce Fulker
 President
 Cougar Land Services LLC
 7500 San Felipe Suite 600
 Houston, TX 77063***

*Office: (713) 914-8045
 Fax: (713) 914-8046
 Cell: (713) 806-2024*



GEOPHYSICAL EXPLORATION PERMIT

INDUSTRIAL COMMISSION OF NORTH DAKOTA
 OIL AND GAS DIVISION
 600 EAST BOULEVARD DEPT 405
 BISMARCK, ND 58505-0840
 SFN 51459 (11-2007)



1) a. Company Geokinetics USA, Inc.		Address 1500 City West Suite 800 Houston, TX 77042	
Contact David Bush		Telephone 713-840-3380	Fax 713-850-7783
Surety Company US Specialty Insurance		Bond Amount \$50,000.00	Bond Number B004059
2) a. Subcontractor(s) Erickson Contract Surveying		Address 111 5th SW Sidney, MT 59270	
b. Subcontractor(s)		Telephone (406)-482-6606	
c. Subcontractor(s)		Telephone	
3) Party Manager Rick Scheetz		Address (local) 281-620-7041	
4) Project Name or Line Numbers West Nesson 3D			
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) Vibroseis with shothole infill			
6) Approximate Start Date January 15, 2009		Approximate Completion Date March 31, 2009	

THE COMMISSION MUST BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF COMMENCEMENT OF DRILL/PLUG OPERATIONS

7) Location of Proposed Project - County Williams, Divide Counties					
Section(s), Township(s) & Range(s)	Section	T.	R.		
	Section	T.	R.		
	Section	T.	R.		
	Section	T.	R.		
8) Size of Hole 3-D 4 inch	Amt of Charge 10 lbs	Depth 60 Ft	Source points per sq. mi. 56	No. of sq. mi. 145.73	9) Must supply latitude/longitudes of source and receiver points on an SD card
Size of Hole 2-D	Amt of Charge N/A	Depth N/A	Source points per In. mi.	No. of In. mi.	

10) Anticipated special drilling and plugging procedures?
None

11) Enclose a pre-plot map with proposed location of seismic program lines and powder mag
attached

Signed <i>David Bush</i>	Title <i>Perm. + Manager</i>	Date <i>12-30-08</i>
(This space for State office use)		Conditions of Approval if any <i>See Attached letter</i>
Permit No. <i>970171</i>	Approval Date <i>1/7/09</i>	
Approved by <i>David L. Helweg</i>		
Title Mineral Resources Permit Manager		
County Approval Sent <i>Williams, Divide</i>		

<u>Township</u>	<u>Range</u>	<u>Section</u>
160N	96W	32
160N	96W	33
160N	96W	34
160N	96W	35
160N	96W	36
160N	95W	31
159N	96W	1
159N	96W	2
159N	96W	3
159N	96W	4
159N	96W	5
159N	96W	6
159N	96W	7
159N	96W	8
159N	96W	9
159N	96W	10
159N	96W	11
159N	96W	12
159N	96W	13
159N	96W	14
159N	96W	15
159N	96W	16
159N	96W	17
159N	96W	18
159N	96W	19
159N	96W	20
159N	96W	21
159N	96W	22
159N	96W	23
159N	96W	24
159N	96W	25
159N	96W	26
159N	96W	27
159N	96W	28
159N	96W	29
159N	96W	30
159N	96W	31
159N	96W	32
159N	96W	33
159N	96W	34
159N	96W	35
159N	96W	36
159N	95W	6



159N	95W	7
159N	95W	18
159N	95W	19
159N	95W	30
159N	95W	31

158N	96W	1
158N	96W	2
158N	96W	3
158N	96W	4
158N	96W	5
158N	96W	6
158N	96W	7
158N	96W	8
158N	98W	9
156N	96W	10
158N	96W	11
158N	98W	12
158N	96W	13
158N	96W	14
158N	96W	15
158N	96W	16
158N	96W	17
158N	96W	18
158N	96W	19
158N	98W	20
158N	96W	21
158N	96W	22
158N	96W	23
158N	96W	24
158N	96W	25
158N	96W	26
158N	96W	27
156N	96W	28
158N	96W	29
158N	96W	30
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158N	96W	34
158N	96W	35
158N	96W	36

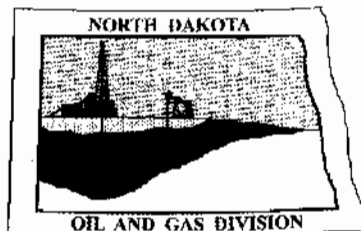
158N	95W	5
158N	95W	6
158N	95W	7
158N	95W	8
158N	95W	9
158N	95W	18
158N	95W	19
158N	95W	16
158N	95W	17

158N	95W	20
158N	95W	21
158N	95W	28
158N	95W	29
158N	95W	30
158N	95W	31
158N	95W	32
158N	95W	33

157N	96W	1
157N	96W	2
157N	96W	3
157N	96W	4
157N	96W	5
157N	96W	6
157N	96W	7
157N	96W	8
157N	96W	9
157N	98W	10
157N	96W	11
157N	96W	12
157N	96W	13
157N	96W	14
157N	96W	15
157N	96W	16
157N	96W	17
157N	96W	18
157N	96W	19
157N	96W	20
157N	96W	21
157N	96W	22
157N	96W	23
157N	98W	24
157N	96W	25
157N	96W	26
157N	96W	27
157N	96W	28
157N	96W	29
157N	96W	30
157N	96W	31
157N	96W	32
157N	96W	33
157N	96W	34
157N	96W	35
157N	96W	36

157N	95W	2
157N	95W	3
157N	95W	4
157N	95W	5

157N	95W	6
157N	96W	7
157N	95W	8
157N	95W	9
157N	95W	10
157N	95W	11
157N	95W	14
157N	95W	15
157N	95W	16
157N	95W	17
157N	95W	18
157N	95W	19
157N	96W	20
167N	95W	21
157N	95W	22
157N	96W	23
157N	95W	28
157N	95W	27
157N	95W	28
157N	95W	29
157N	95W	30
157N	95W	31
157N	95W	32
157N	95W	33
157N	95W	34
157N	95W	35
157N	95W	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

January 7, 2009

Mr. David Bush
Permit Manager
Geokinetics USA, Inc
1500 CityWest Blvd.
Suite 800
Houston, TX 77042

RE: West Nesson 3-D
Geophysical Exploration Permit #97-0171
Williams & Divide Counties

Dear Mr. Bush:

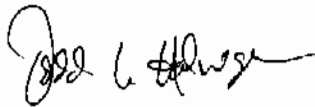
Please be advised that we are in receipt of your Geophysical Exploration permit and it is conditionally approved; effective for one year from January 7, 2009. Review the following conditions for your permit:

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.
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 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

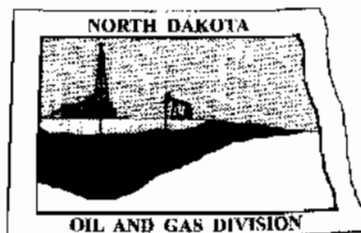
5. It is required that within seven days of initial contact between the permitting agent and the operator of the land, the permitting agent shall provide the operator of the land and each landowner owning land within one-half mile of the land on which geophysical exploration activities are to be conducted 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 a letter 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 for the locations 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
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

January 7, 2009

The Honorable Gayle Jastrzebski
Divide County Auditor
P.O. Box 49
Crosby, ND 58730-0049

RE: Geophysical Exploration
 Permit #97-0171

Dear Ms. Jastrzebski:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that Geokinetics USA, Inc. was issued the above captioned permit on January 7, 2009 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/scisnic/seismicstats.asp>

Should you have any questions, please contact our office.

Sincerely,

A handwritten signature in black ink, appearing to read "Todd L. Holweger".

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.dmr.nd.gov/oilgas

January 7, 2009

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

RE: Geophysical Exploration
 Permit #97-0171

Dear Ms. Innis:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that Geokinetics USA, Inc. was issued the above captioned permit on January 7, 2009 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,

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

Todd L. Holweger
DMR Permit manager