



**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): Antelope 3-D

PERMIT NUMBER: 970253

**AFFIDAVIT OF PLUGGING (HOLE PLUGGER)**

STATE OF Texas )

)

COUNTY OF Harris )

Before me, Whitney Edwards a Notary Public in and for the said

County and State, this day personally appeared Terry Wattie

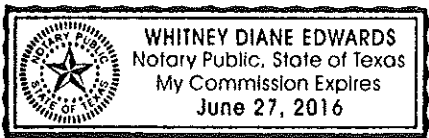
who being first duly sworn, deposes and says that (s)he is employed by

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 14th day of May, 2015.



Notary Public

My Commission Expires

06/27/2016



**GEOPHYSICAL EXPLORATION HOLE PLUGGING REPORT - FORM GE 7A**  
 INDUSTRIAL COMMISSION OF NORTH DAKOTA  
 OIL AND GAS DIVISION  
 600 EAST BOULEVARD DEPT 405  
 BISMARCK, ND 58505-0840  
 SFN 51457 (03-2011)

Geophysical Company <b>Geokinetics USA Inc.</b>	Date Plugged
Hole Plugging Contractor <b>Clean Harbors Exploration</b>	Permit No. <b>970253</b>
Prospect <b>Antelope 3-D</b>	Hole Plugger

Line No.	S.P. No.	Hole Depth	Drill Type *CABP	Wet/Dry	Bent. Sx	Bent. Capsules	Capsule Size**	Surface Plug Depth	Remarks Hole Bridged, Thick Mud, Etc.
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

*DN file with Tom Forstenson*

\*Conventional-Auger-Buggy-Portable

\*\*Diameter X Length



**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): Antelope 3-D

PERMIT NUMBER: 970253

**AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)**

STATE OF Montana )

)

COUNTY OF Hill )

Before me, Jena Hanson, a Notary Public in and for the said

County and State, this day personally appeared Rickie A Scheetz

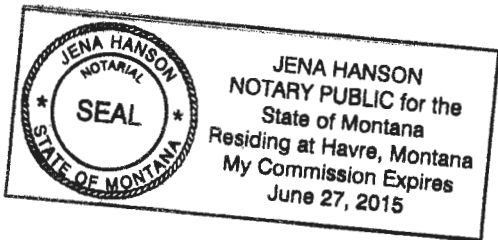
who being first duly sworn, deposes and says that (s)he is employed by \_\_\_\_\_

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.

Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 10<sup>th</sup> day of December, 2014.



Notary Public

My Commission Expires 6-27-15



# 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. <b>970253</b>	
Shot Hole Operations <b>Antelope 3-D</b>	*Non-Explosive Operations <b>Antelope 3-D</b>

## SECTION 1

Geophysical Contractor <b>Geokinetics USA Inc.</b>	
Project Name and Number <b>Antelope 3-D</b>	County(s) <b>McKenzie</b>
Township(s) <b>152N,153N</b>	Range(s) <b>94W,95W</b>
Drilling and Plugging Contractors <b>N/A</b>	
Date Commenced <b>November 30, 2014</b>	Date Completed <b>December 2, 2014</b>

## SECTION 2

First S.P. # <b>3-D</b>	Last S.P. # <b>3-D</b>
Loaded Holes (Undetonated Shot Points) <b>72212509</b>	
S.P.#s	<b>72212509</b>
Charge Size	<b>11 lbs.</b>
Depth	<b>60 ft.</b>
Reasons Holes Were Not Shot <b>Bad blasting cap.</b>	

## 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).

# Affidavit of Compliance

AFFIDAVIT OF David Hennig

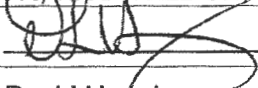
Name: David Hennig

Occupation: Manager of Inland Geoservices LLC

I, David Hennig, affirm:

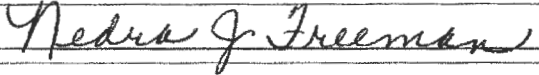
1. That I am the manager of Inland Geoservices LLC, with offices located in Brazoria County, Texas.
2. That Inland Geoservices LLC was hired to obtain seismic permits in Williams County ND for the Antelope 3D project.
3. That Inland Geoservices LLC has satisfied and sent the required notifications set forth in NDCC 38-11.1-04.1.

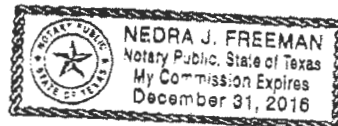
I AFFIRM THAT THE ABOVE AND FOREGOING REPRESENTATIONS ARE TRUE AND CORRECT TO THE BEST OF MY INFORMATION, KNOWLEDGE, AND BELIEF.

<u>03/03/2015</u>	
Date	David Hennig

STATE OF TEXAS  
COUNTY OF BRAZORIA

I, the undersigned Notary Public, do hereby affirm that David Hennig personally appeared before me on the 3<sup>rd</sup> day of March 2015, and signed the above Affidavit as his free and voluntary act and deed.

	
	Notary Public





# 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 # 970253

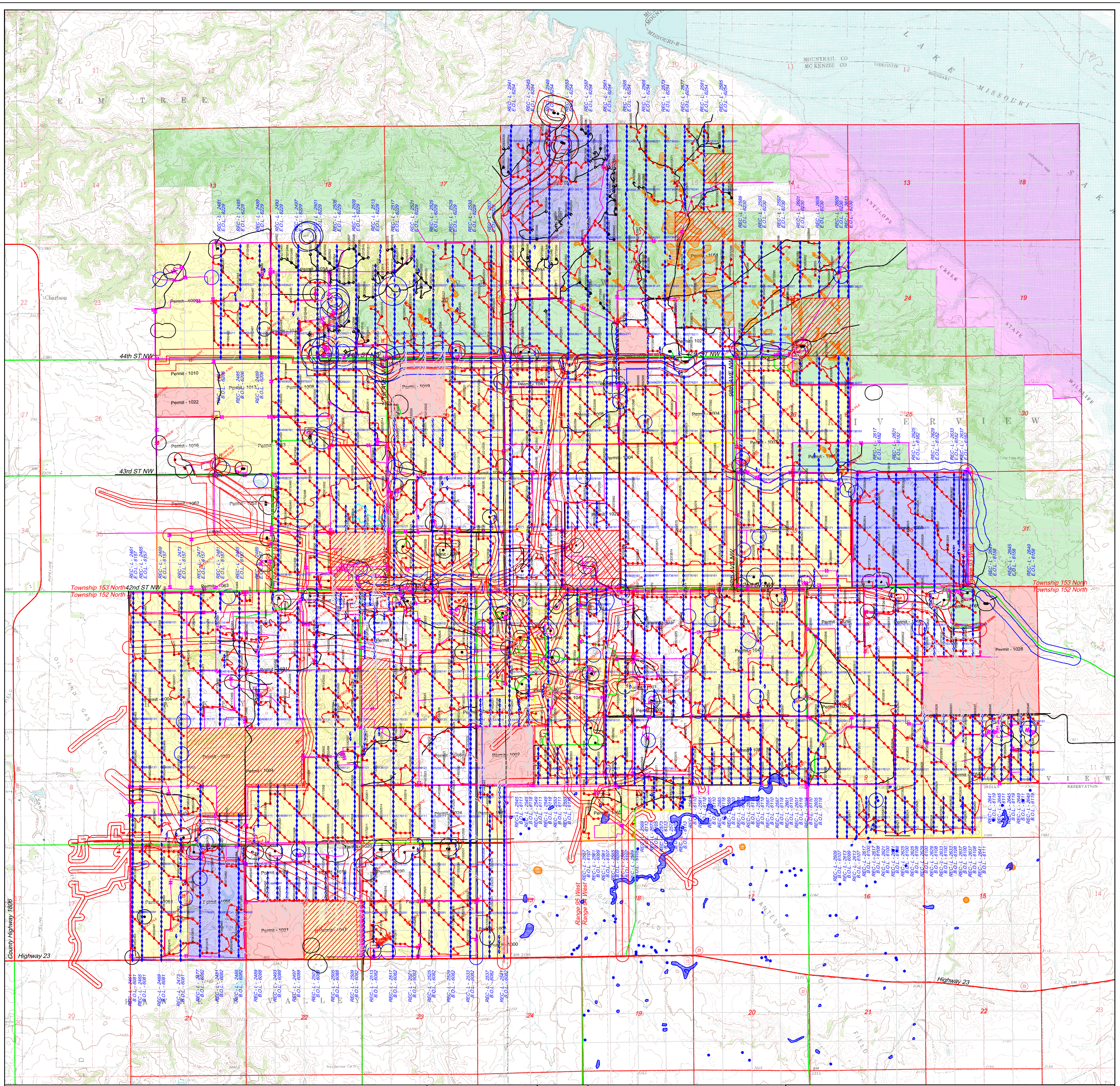
*rev'd 8/19/14*

Project Name <b>Antelope 3-D</b>
County <b>McKenzie Co.</b>
Supplemental Information <b>Drilling subcontractor is as follows on Stoney Creek 3-D: Clean Harbors Exploration 3624 Westchase Drive Houston, TX. 77042 713-780-0336 Attn.: Terry Watie</b>

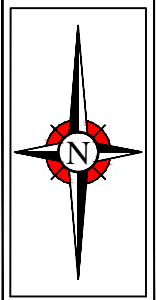
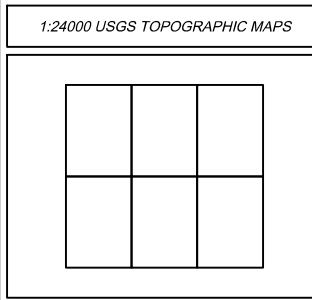
Company <b>Geokinetics Inc.</b>	Telephone Number <b>281-620-7041</b>	
Address <b>1500 Citywest Blvd. Ste. 800</b>		
City <b>Houston</b>	State <b>TX</b>	Zip Code <b>77042</b>
Signature 	Printed Name	
Title <b>Project Manager</b>	Date <b>August 19, 2014</b>	
Email Address <b>rick.scheetz@geokinewtics.com</b>		

**FOR STATE USE ONLY**

<input checked="" type="checkbox"/> Received	<input type="checkbox"/> Approved
Date <b>8/19/14</b>	
By 	
Title <b>Mineral Resources Permit Manager</b>	



Surveying, Mapping, and GIS done by:



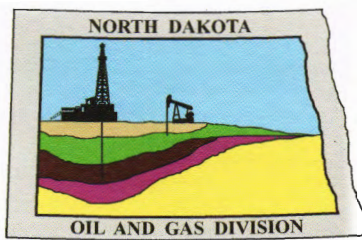
1:24000 USGS TOPOGRAPHIC MAPS  
 ANTELOPE 3-D POSTPLOT MAP  
 MCKENZIE CO., ND  
 TOWNSHIPS: 152 & 153 NORTH  
 RANGES: 94 & 95 WEST  
 RECEIVER PT. INTERVAL: 220'  
 DYNAMITE / VIBROSEIS  
 SHEET 1 OF 1  
 NOVEMBER 23, 2014

GPS CONTROL POINT SUMMARY				NAD83 NORTH ZONE		
STATION ID	SET	OPUS / RTK	WGS84 LATITUDE	WGS84 LONGITUDE	ELLIP. HEIGHT	ORTH. HEIGHT
97771	97771	97771	43°57'17.71" N	101°27'37.71" W	97771	97771

### LEGEND

<ul style="list-style-type: none"> <li>U.S. ARMY CORPS OF ENGINEERS</li> <li>BUREAU OF LAND MANAGEMENT</li> <li>STATE OF NORTH DAKOTA</li> <li>PERMITS - GOOD TO GO</li> <li>PERMITS - NO</li> <li>PERMITS - CONDITIONAL</li> <li>PERMITS - NATIONAL GRASSLAND</li> <li>PERMITS - NO MINERAL</li> <li>SWCA - ORIGINAL HIGH WATER</li> <li>SWCA - STREAM AVOIDANCE</li> <li>SWCA - WETLAND AVOIDANCE</li> <li>PRIMARY HIGHWAY</li> <li>IMPROVED ROAD</li> <li>PRIMITIVE ROAD</li> <li>GAS PIPELINES</li> </ul>	<ul style="list-style-type: none"> <li>WATER PIPELINES</li> <li>POWER LINES</li> <li>TELEPHONE LINES</li> <li>FENCE</li> <li>GATE</li> <li>LETDOWN FENCE</li> <li>DRYHOLES</li> <li>OIL / GAS WELLS</li> <li>PREPLOT RECEIVERS</li> <li>PREPLOT SOURCE</li> <li>POSTPLOT RECEIVERS</li> <li>POSTPLOT SOURCE - VIBES</li> <li>POSTPLOT SOURCE - BUGGY DRILLS</li> <li>POSTPLOT SOURCE - HELI DRILLS</li> <li>POSTPLOT SOURCE - DRIELLED</li> </ul>	<ul style="list-style-type: none"> <li>OFF-ROAD ACCESS VIBES</li> <li>OFF-ROAD ACCESS BUGGY</li> <li>CONTROL POINTS</li> <li>HAZARDS</li> <li>RESTRICTED AREA - 330 FT / 100 FT</li> <li>CEMETERY</li> <li>AIRPORT</li> <li>INTERSTATE HIGHWAY</li> <li>U.S. HIGHWAY</li> <li>STATE HIGHWAY</li> <li>COUNTY ROAD</li> </ul>
---	---	---

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 1320 FT. FROM WATERWELLS, SPRINGS, CREEKS, AND/OR ANY OTHER STRUCTURES. ANY SOURCE POINTS CLOSER THAN 1320 FT. TO THE ABOVE REFERENCED ITEMS HAVE BEEN UNDER THE DIRECTION OF THE CLIENT. THEREFORE, E.C.S., INC. ASSUMES NO LIABILITY ON ANY SOURCE POINTS CLOSER THAN 1320 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.dmr.nd.gov/oilgas/](http://www.dmr.nd.gov/oilgas/)

July 30, 2014

TREVOR KRAUSS  
GEOKINETICS USA, INC.  
1500 CITYWEST BLVD  
HOUSTON, TX 77042

RE: ANTELOPE 3-D  
GEOPHYSICAL EXPLORATION PERMIT # 97-0253  
MCKENZIE COUNTY  
NON-EXPLOSIVE and EXPLOSIVE METHOD

Dear MR. KRAUSS:

Please be advised that we are in receipt of your Geophysical Exploration permit application and it is conditionally approved; effective for one year from JULY 30, 2014. **PURSUANT TO NDAC 43-02-12-05 (DISTANCE RESTRICTION) non-explosive and/or explosive methods may not be conducted not less than 300 feet or 660 feet from a water well, building, underground cistern, pipelines, and flowing spring respectively. 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:

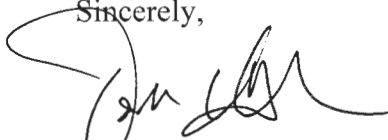
1. A pre-program meeting with state seismic inspector Tom Torstenson is required. You must contact him at 701-290-1546 (cell) or 701-227-7436 at least 24 hours prior to any exploration operations. Also, a copy of the entire permit is required for all contractors at the pre-program meeting.
2. All variances 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. Email: [ttorstenson@nd.gov](mailto:ttorstenson@nd.gov) the latitude and longitude of 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)



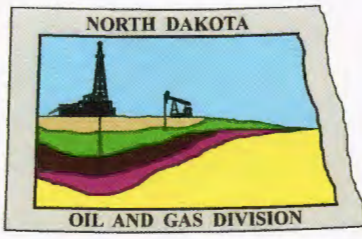
1) a. Company <b>Geokinetics USA Inc.</b>		Address <b>1500 Citywest Blvd. Suite 800 Houston, TX 77042</b>			
Contact <b>Trevor Krauss</b>		Telephone <b>281 848 6825</b>	Fax <b>713 706 3749</b>		
Surety Company <b>U.S. Specialty Ins. Co.</b>		Bond Amount <b>\$50,000.00</b>	Bond Number <b>B004059</b>		
2) a. Subcontractor(s) <b>Erickson Conntract Survey Inc.</b>		Address <b>333 10th Ave SE Sidney, MT</b>		Telephone <b>406-482-6606</b>	
b. Subcontractor(s) <b>TBD</b>		Address		Telephone	
3) Party Manager <b>Rick Scheetz</b>		Address (local) <b>304 16th Ave. SW #247 Watford City, ND</b>		Telephone (local) <b>281 620 7041</b>	
4) Project Name or Line Numbers <b>Antelope 3-D</b>					
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) <b>Shot Hole, non explosive, 3-D</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 checked="" 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>11 Lbs.</b>	<b>60 ft.</b>	<b>71.93</b>	<b>52</b>	
Size of Hole	Amt of Charge	Depth	Source points per ln. mi.	No. of ln. mi.	
2-D					
8) Approximate Start Date <b>September 1, 2014</b>			Approximate Completion Date <b>December 13, 2014</b>		

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

9) Location of Proposed Project - County <b>McKenzie</b>					
Section(s), Township(s) & Range(s)	Section	T.	R.		
	<b>1-4,9-12,13-16</b>	<b>152</b>	<b>95</b>		
	Section	T.	R.		
	<b>3-6,7-10,15-18,19-21,28-30</b>	<b>152</b>	<b>94</b>		
	Section	T.	R.		
	<b>15-16,19-23,26-30,31-36</b>	<b>153</b>	<b>94</b>		
Section	T.	R.			
<b>24,25,26</b>	<b>153</b>	<b>95</b>			
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
Signature 	Printed Name <b>Rick Scheetz</b>	Title <b>Project Manager</b>	
Email Address(es) rick.scheetz@geokinetics.com			

(This space for State office use)		<b>Permit Conditions</b>	
Permit No. <b>970253</b>	Approval Date <b>7/30/14</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).	
Approved by 		* See attached letter.	
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/)

July 30, 2014

The Honorable Frances Olson  
McKenzie County Auditor  
P.O. Box 543  
Watford City, ND 58854-0543

RE: Geophysical Exploration  
Permit #97-0253

Dear Frances Olson:

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 July 30, 2014 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

