



**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): Stoney Creek 3-D

PERMIT NUMBER: 970254

**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

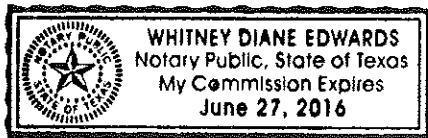
Century Code Section 38-08.1 and that the foregoing seismic project has been plugged in

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>970254</b>
Prospect <b>Stoney Creek 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									

*On file with Tor Torstenson*

*[Signature]*

\*Conventional-Auger-Buggy-Portable

\*\*Diameter X Length





PERMIT NAME (Required): Stoney Creek 3-D

PERMIT NUMBER: 970254

**AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)**

STATE OF Montana )

COUNTY OF Richland )

Before me, \_\_\_\_\_, a Notary Public in and for the said

County and State, this day personally appeared Rickie Scheetz

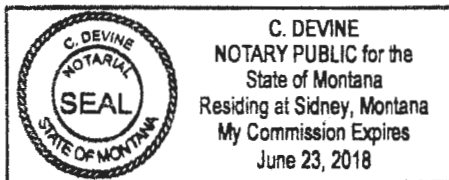
who being first duly sworn, deposes and says that (s)he is employed by \_\_\_\_\_

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. <b>970254</b>	
Shot Hole Operations <b>Stoney Creek 3-D</b>	*Non-Explosive Operations <b>Stoney Creek 3-D</b>

## SECTION 1

Geophysical Contractor <b>Geokinetics USA Inc.</b>	
Project Name and Number <b>Stoney Creek 3-D</b>	County(s) <b>McKenzie &amp; Williams</b>
Township(s) <b>152N, 153N</b>	Range(s) <b>98W, 99W, 100W</b>
Drilling and Plugging Contractors <b>Clean Harbors Exploration</b>	
Date Commenced <b>October 24, 2014</b>	Date Completed <b>December 12, 2014</b>

## SECTION 2

First S.P. # <b>3-D</b>	Last S.P. # <b>3-D</b>												
Loaded Holes (Undetonated Shot Points) <b>N/A</b>													
S.P.#'s													
Charge Size													
Depth													
Reasons Holes Were Not Shot													

## SECTION 3

Flowing Holes and/or Blowouts S.P.#'s <b>61891609 61651616 61731584 Small blowouts</b>
Procedure for Plugging Flowing Holes and/or Blowouts <b>Shooters back filled with cuttings</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.

\*Non-Explosive Operations - Complete Section 1 and Affidavit (Form GE 6B).



# Affidavit of Compliance

AFFIDAVIT OF David Hennig

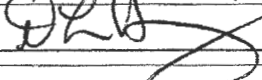
Name: David Hennig

Occupation: Manager of Inland Geoservices LLC

I, David Hennig, affirm:

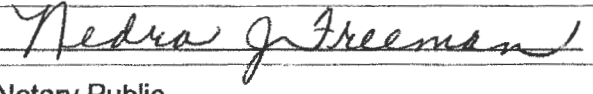
1. That I am the manager of Inland Geoservices LLC, with offices located in Brazoria County, Texas.
2. That Inland Geoservices LLC was hired to obtain seismic permits in McKinsey and Williams County ND for the Stoney Creek 3D project.
3. That Inland Geoservices LLC has satisfied and sent the required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

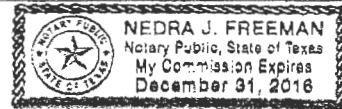
I AFFIRM THAT THE ABOVE AND FOREGOING REPRESENTATIONS ARE TRUE AND CORRECT TO THE BEST OF MY INFORMATION, KNOWLEDGE, AND BELIEF.

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

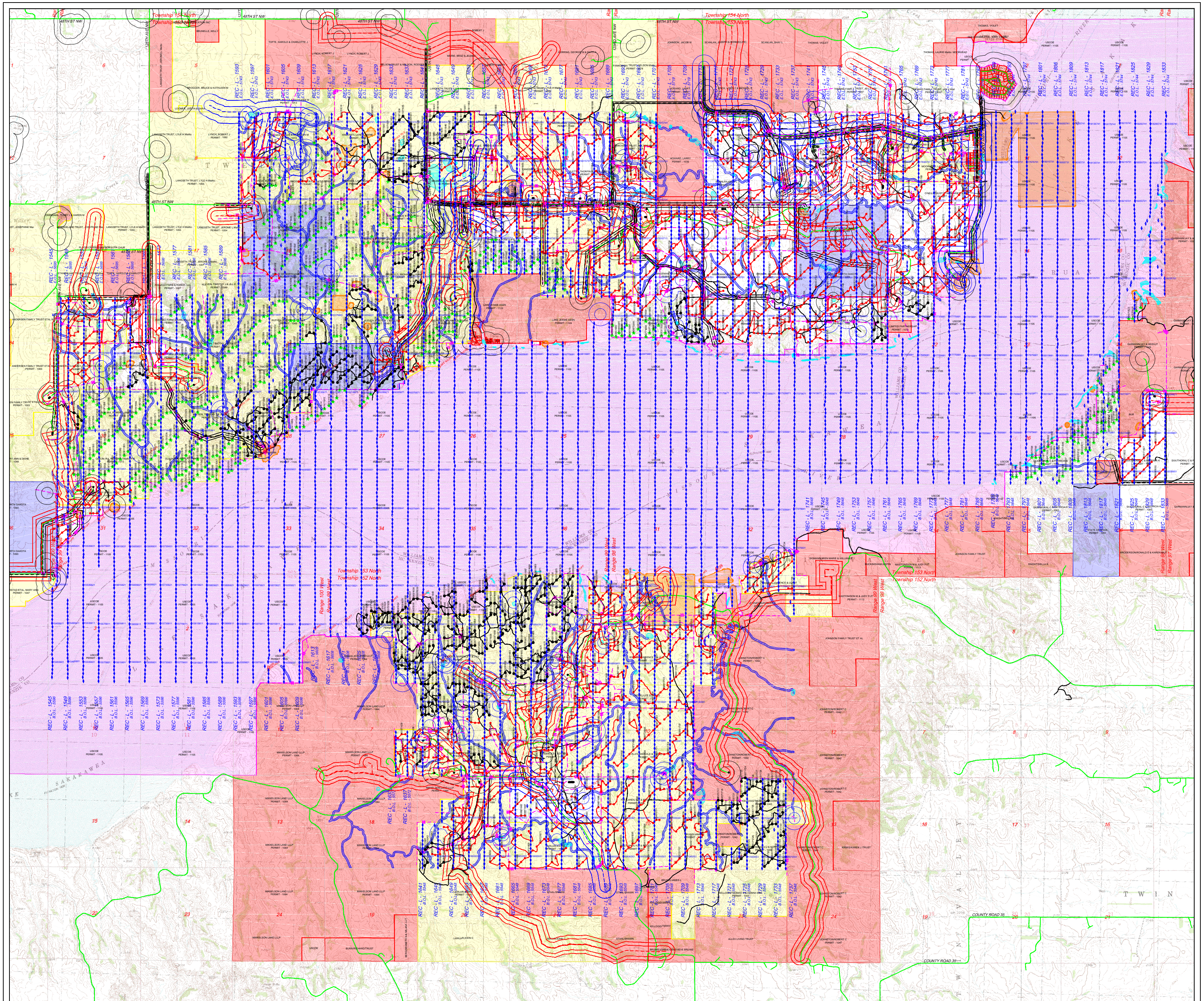
STATE OF TEXAS  
COUNTY OF BRAZORIA

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







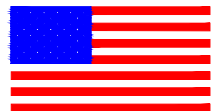
Client:



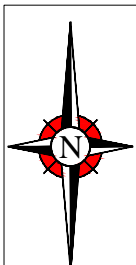
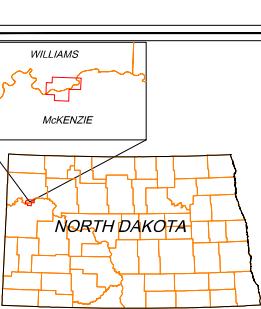
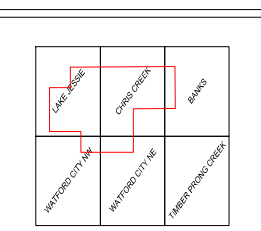
Geophysical Contractor:



Surveying, Mapping, and GIS done by:



1:24000 USGS TOPOGRAPHIC MAPS



STONEY CREEK 3-D  
POSTPLOT MAP  
MCKENZIE & WILLIAMS CO., ND  
TOWNSHIPS:  
RANGES:  
RECEIVER PT. INTERVAL: 220'  
SOURCE PT. INTERVAL: 311.127'  
DYNAMITE / VIBROSEIS

NAD27  
NORTH DAKOTA STATE PLANE  
NORTH ZONE  
TOTAL RECEIVER POINTS: 9716  
TOTAL SOURCE POINTS: 3074  
AREA (SQUARE MILES): 44.8572  
RECEIVER LINE INTERVAL: 680'  
SOURCE LINE INTERVAL: 1780'  
RECEIVER LINE AZIMUTH: 02°14'25.08"  
SOURCE LINE AZIMUTH: 92°14'25.08"  
SCALE: 1:24000  
SHEET 1 OF 1  
NOVEMBER 26, 2014  
1" = 2000'

GPS CONTROL POINT SUMMARY

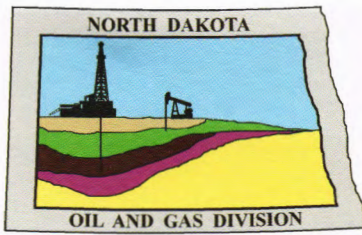
STATION ID	SET	OPUS / RTK	WGS84		ELLIP HEIGHT	NAD27		ORTHO HEIGHT
			LATITUDE	LONGITUDE		(X)	(Y)	
77777	77777	77777	77.777777 N	77.777777 W	77777	77777	77777	77777

### LEGEND

- U.S. ARMY CORPS OF ENGINEERS
- BUREAU OF LAND MANAGEMENT
- STATE OF NORTH DAKOTA
- PERMITS - GOOD TO GO
- PERMITS - NO
- PERMITS - CONDITIONAL
- SWICA - CULTURAL AVOIDANCE
- SWICA - HYDRIC SOILS
- SWICA - ORIGINAL HIGH WATER
- SWICA - STREAM AVOIDANCE
- SWICA - WETLAND AVOIDANCE
- IMPROVED ROAD
- PROPOSED ROAD
- GAS PIPELINES
- WATER PIPELINES
- POWER PIPELINES
- TELEPHONE LINES
- FENCE
- GATE
- LETDOWN
- OFF-ROAD ACCESS
- DRYHOLES
- OIL / GAS WELLS
- PREPLOT RECEIVERS
- PREPLOT SOURCE
- POSTPLOT RECEIVERS
- POSTPLOT SOURCE - VIBES
- POSTPLOT SOURCE - BUGGY DRILLS
- POSTPLOT SOURCE - HELI DRILLS
- CONTROL POINTS
- HAZARDS
- RESTRICTED AREA - 330 FT / 680 FT
- CEMETERY
- AIRPORT
- INTERSTATE 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 100 FT. FROM WATERWELLS, SPRINGS, OIL WELLS, AND/OR ANY OTHER STRUCTURES. ANY SOURCE POINTS CLOSER THAN 100 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 100 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/)

August 1, 2014

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

RE: STONEY CREEK 3-D  
GEOPHYSICAL EXPLORATION PERMIT # 97-0254  
MCKENZIE & WILLIAMS COUNTIES  
NON-EXPLOSIVE METHOD 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 AUGUST 1, 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:

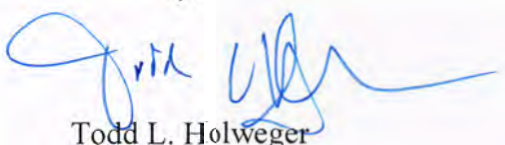
1. A pre-program meeting with state seismic inspector Tom Torstenson is required. You must contact him at 701-290-1546 (cell) or 701-227-7436 at least 24 hours prior to any exploration operations. Also, a copy of the entire permit is required for all contractors at the pre-program meeting.
2. All variances 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 8825</b>		Fax <b>713 708 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 Contract 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>Stoney Creek 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>2.75 in</b>	<b>11 Lbs.</b>	<b>60 ft.</b>	<b>50</b>	<b>71.46</b>	
Size of Hole	Amt of Charge	Depth	Source points per in. mi.	No. of in. 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**

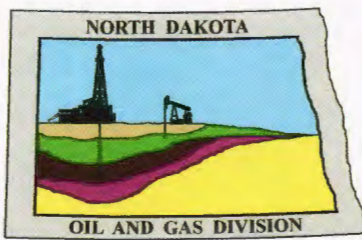
9) Location of Proposed Project - County <b>McKenzie Williams</b>			
Section(s), Township(s) & Range(s)	Section <b>1-3</b>	T. <b>152</b>	R. <b>100</b>
	Section <b>1, 2-6,7-11,14-18, 12, 13</b>	T. <b>152</b>	R. <b>99</b>
	Section <b>7-12,13-18,19-24,25-30,31,32</b>	T. <b>153</b>	R. <b>98</b>
	Section <b>8, 9-12,13-16,19-24,25-30,31-36, 17</b>	T. <b>153</b>	R. <b>99</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 **08-04-14**

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)		<p align="center"><b>Permit Conditions</b></p> <ul style="list-style-type: none"> <li>* Permit in hand required at pre-program meeting with field inspector and be aware of all NDIC Rules and Regulations (i.e. distance restrictions).</li> <li>* See attached letter.</li> </ul>
Permit No. <b>970254</b>	Approval Date <b>8/1/14</b>	
Approved by 		
Title <b>Mineral Resources Permit Manager</b>		

\*See Instructions On Reverse Side



# 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/)

August 1, 2014

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

RE: Geophysical Exploration  
Permit #97-0254

Dear Frances Olson:

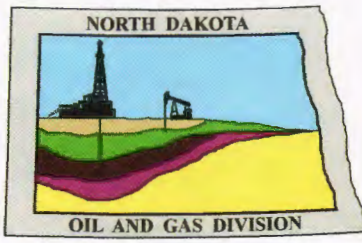
Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that GEOKINETICS USA INC. was issued the above captioned permit on August 1, 2014 will remain in effect for a period of one year. The entire permit can be viewed on our website at: <https://www.dmr.nd.gov/oilgas/seismic/seismicstats.asp>

Should you have any questions, please contact our office.

Sincerely,

Todd L. Holweger  
DMR Permit Manager





# 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/)

August 1, 2014

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

RE:    Geophysical Exploration  
       Permit #97-0254

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 August 1, 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  
DMR Permit manager



