Affidavit of Compliance

AFFIDAVIT OF David Hennig

Name: David Hennig

Occupation: Manager of Inland Geoservices LLC

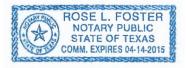
- I, David Hennig, affirm:
 - 1. That I am the manager of Inland Geoservices LLC, with offices located in Brazoria County, Texas.
 - 2. That Inland Geoservices LLC was hired to obtain seismic permits in Slope County ND for the ND22 3D project.
 - 3. That Inland Geoservices LLC has satisfied and sent the required notifications set forth in NDCC 38-11.1-04.1.

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 21st day of October 2013, and signed the above Affidavit as his free and voluntary act and deed.

Notary Public





GEOPHYSICAL EXPLORATION AFFIDAVIT O ETION 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):

ND22 3-D

PERMIT NUMBER:

97-0238

AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)							
STATE OF Montana)							
COUNTY OF Fallon							
Before me, Poula Haar, , a Notary Public in and for the said							
County and State, this day personally appeared							
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.							
22m							
Geophysical Contractor Representative							
Subscribed in my presence and sworn before me this3 day of							
PAULA HAAR NOTARY PUBLIC for the State of Montana Residing at Baker, Mantana My Commission Expires January 18, 2015 Notary Public PAULA HAAR NOTARY PUBLIC for the State of Montana Residing at Baker, Mantana My Commission Expires January 18, 2015							

January 18, 2015

My Commission Expires



Permit No.

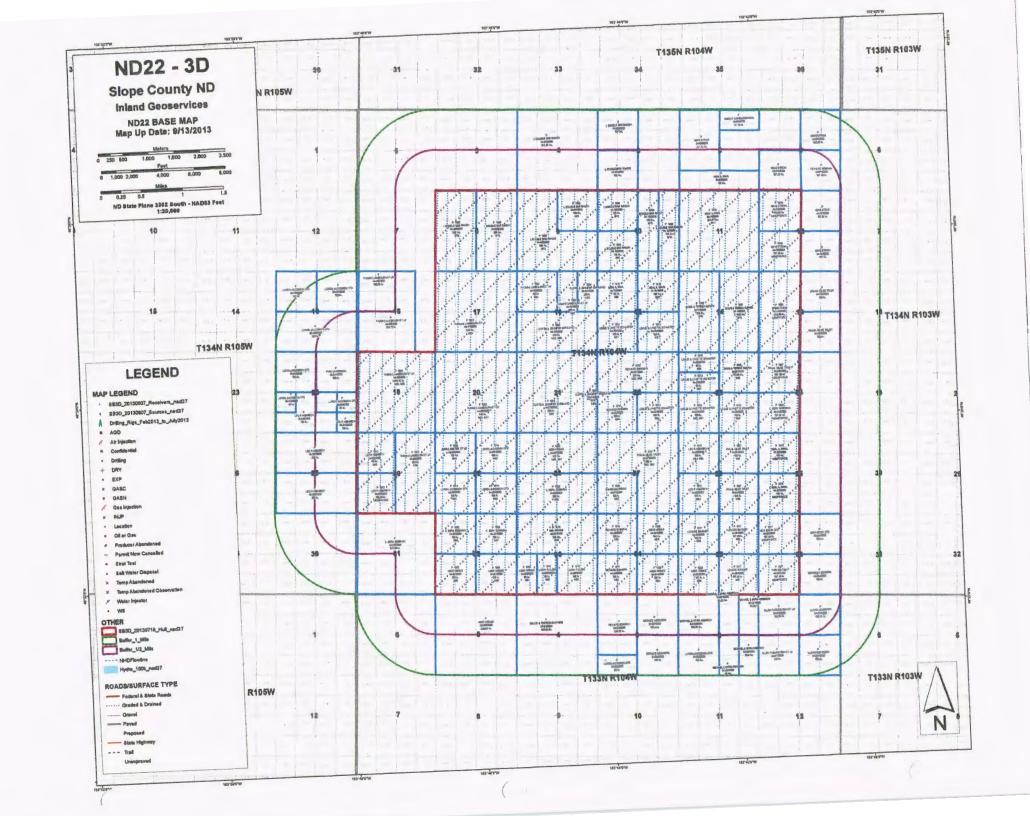
GEOPHYSICAL EXPLORATION COMPLETION REPORT - FORM GE 6A

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

97-0238													
Shot Hole Operations							*Non-Explosive Operations						
Vibroseis													
SECTION 1													
Geophysical Cont	ractor												
Geokinetics	Geokinetics Inc.												
Project Name and Number County(s)													
ND22 3-D 10	0830					Slope							
Township(s)						Range(s)							
T134N						R 10	14W						
Drilling and Pluggi	ing Contracto	rs											
NA													
Date Commenced						Date Compl							
November 8	, 2013					Decemb	per 1, 201	3					
SECTION 2													
First S.P. #						Last S.P. #							
NA						NA							
Loaded Holes (Un	detonated Sh	not Points)											
S.P.#'s													
Charge Size													
Depth													
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SECTION 3													
Flowing Holes and	t/or Blowouts					· · · · · · · · · · · · · · · · · · ·							
S.P.#'s													
Procedure for Plug	gging Flowing	Holes and/	or Blowouts										
l													
Include a 7.5 minu individual shot hole	ite USGS top	ographic qua #_and legal !	adrangle map	or a compu	ter generated	d post-plot fa	csimile of the	e approximat	e scale displ	aying eac	h		
and an oriot nor	-, or ir, iii o	., 109011											

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

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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 # 97-0238

Project Name	DIVISION
ND 22 3-D	100 miles
County	DIVISION STATES
Slope County	
Supplemental Information	
Added the following sections to ND 22 3-D: T134N R10	4W S12, S13, S24, S25, S36
L	

Company			Telephone Number
Geokinetics Inc.	281-620-7041		
Address			
1500 Citywest Blvd. Ste. 800			
City		State	Zip Code
Houston/		TX	77042
Signature A A	Printed Name		
Signature di A	Rickie A S	cheetz	
Title	Date		
Project Manager	October 2,	2013	
Email Address			
rick.scheetz@geokinetics.com			

FOR STATE USE ONLY									
Received	☐ Approved								
Date /0/3	/13								
1. de la tables									
Title	s 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)

							E RECEIVED SI			
1) a. Company			Address	. DL . L D . L .	00.11- 4	TV ======	& MECHIVED			
Geokinetics Inc.				t Blvd. Suite 8	00 Houston		C UIVISION S			
Contact Rick Scheetz			Telephone 281-848-6800			Fax 713-706-3749	ERECO BLUSTER			
Surety Company U.S. Specialty ins.	Co.		Bond Amount		\$50,000.00	Bond Number B004059				
2) a. Subcontractor(s)			Address			Telephone				
b. Subcontractor(s)			Address	 		Telephone				
3) Party Manager			Address (local)	-,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Telephone (local)				
Rick Scheetz	Marie		1			281-620-7041				
4) Project Name or Line ND 22 3-D										
5) Exploration Method (S Vibrosies	Shot Hole, No	n-Explosive, 2	2D, 3D, Other)							
6) Distance Restrictions	(Must check	all that apply)								
The second secon	•		apply to water wells	s, buildings, underg	round cisterns.	pipelines, and flow	vina sprinas.			
			ly to water wells, bu			• •	· · ·			
7) Size of Hole	Amt of C	_	Depth	Source points		No. of sq. mi. 21.77				
Size of Hole	Amt of 0		NA Depth	Source points		No. of In. mi.				
8) Approximate Start Da	4 -			Anneasia	note Completie	L Dota				
October 15, 2013	te				nate Completionber 31, 201					
			T LEAST 24 HOU	RS IN ADVANCE	OF COMMEN	CEMENT OF GE	OPHYSICAL OPERATIONS			
9) Location of Proposed Slope County	Project - Cou	inty								
		Section 9_11	14-17,19-23,26	30 31 35	Т.	134	R. 104			
		Section	14-17,13-23,20	-50,51-55	T.	134	R.			
Section(s),	;	Section			T.		R.			
Township(s)	<u> </u>	Section			T.		R.			
& Range(s)		Castion			T.		R.			
		Section			1.	· ··· ·	Λ.			
		Section			Т.		R.			
I hereby swear or affirm	that the inforr	mation provide	ed is true, complete	and correct as det	ermined from a	Il available records	Date 6/1/17			
Signature	14	,	Printed Name		Ti	tle	1 -7 1/13			
Markey		,	Rick Scheetz		P	roject Manage	r			
Email Address(es)										
rick.scheetz@geokinetic	s.com				1					
						Permit C	onditions			
	(This spa	ce for State	office use)		* Dom	it in hand required	at pre-program meeting			
Permit No.	0238		Approval Date / 2	4/13	with t	ield inspector and	be aware of all NDIC Rules stance restrictions).			
Approved by	101	1400	. ,	7 .		veguiations (i.e. di	stance restrictions).			
Title		leseurces P	* See attached letter.							



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

SEPTEMBER 24, 2013

MR. RICK SCHEETZ GEOKINETICS USA, INC. 1500 CITYWEST BLVD. STE 800 HOUSTON, TX 77042

RE:

ND 22 3-D

GEOPHYSICAL EXPLORATION PERMIT # 97-0238

SLOPE COUNTY

NON-EXPLOSIVE METHOD

Dear MR. SCHEETZ:

Please be advised that we are in receipt of your Geophysical Exploration permit application and it is conditionally approved; effective for one year from SEPTEMBER 24, 2013. PURSUANT TO NDAC 43-02-12-05 (DISTANCE RESTRICTION) non-explosive exploration method may not be conducted less than 300 feet from a water well, building, underground cistern, pipeline, or a 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,

- 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: <u>ttorstenson@nd.gov</u> 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,

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

SEPTEMBER 24, 2013

The Honorable Lorrie Buzalsky Slope County Auditor P.O. Box NN Amidon, ND 58620-0449

RE:

Geophysical Exploration

Permit #97-0238

Dear Ms. Buzalsky:

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 SEPTEMBER 24, 2013 and will remain in effect for a period of one year. The entire permit can be viewed on our website at:

Sincerely,

https://www.dmr.nd.gov/oilgas/seismic/seismicstats.asp

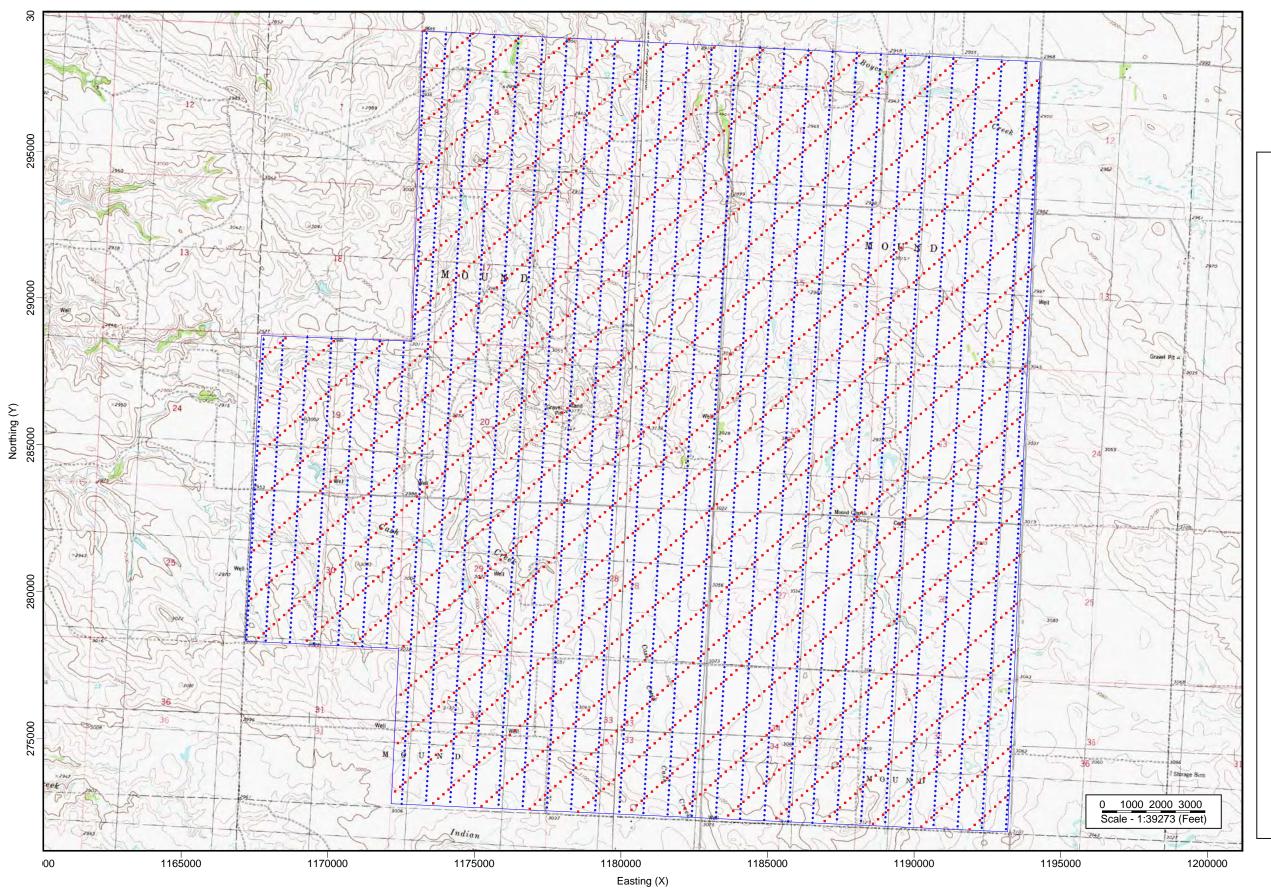
Should you have any questions, please contact our office.

Todd L. Holweger

DMR Permit manager

ND 22 - Option 3

Design Map





Date: 14-Aug-13

Rec Area (sq.miles): 21.77 Src Area (sq.miles): 21.77

Slope County, North Dakota SPCS -ND South (FIPS 3302) NAD 27 - US Feet

Receivers

Group Interval:	165
Line Interval:	825
Line Bearing:	3.3
Total:	4645
Longest line	160
Line count:	33
Per Square Mile:	213.4
Line miles:	144.1
Sources	

Source

inime intervai	233.33
Group Interval:	165
Line Interval:	1650
Line Bearing:	48.3
Total:	2226
Line count:	29
Per Square Mile:	102.3
Line miles:	97.1

<u>Design</u>

Slant (45)
82.5 x 82.5
30 Lines Live
10500

Statistics

240.00
25998.00
12306.00
28977.00
1569.7
0.42

GR