

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.

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

| | |
|-------------------|--------------------|
| <u>10/21/2013</u> | <u>[Signature]</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 21st day of October 2013, and signed the above Affidavit as his free and voluntary act and deed.

| | |
|--|-----------------------|
| | <u>Rose L. Foster</u> |
| | Notary Public |





PERMIT NAME (Required): _____ ND22 3-D

PERMIT NUMBER: 97-0238

AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

STATE OF Montana)

COUNTY OF Fallon)

Before me, Paula Haar, a Notary Public in and for the said

County and State, this day personally appeared Jose L Mares

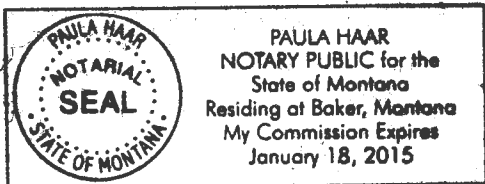
who being first duly sworn, deposes and says that (s)he is employed by _____

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 3 day of December, 2013.



Notary Public Paula Haar

My Commission Expires January 18, 2015



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. 97-0238 | |
| Shot Hole Operations Vibroseis | *Non-Explosive Operations |

SECTION 1

| | |
|---|---|
| Geophysical Contractor Geokinetics Inc. | |
| Project Name and Number ND22 3-D 100830 | County(s) Slope |
| Township(s) T134N | Range(s) R 104W |
| Drilling and Plugging Contractors NA | |
| Date Commenced November 8, 2013 | Date Completed December 1, 2013 |

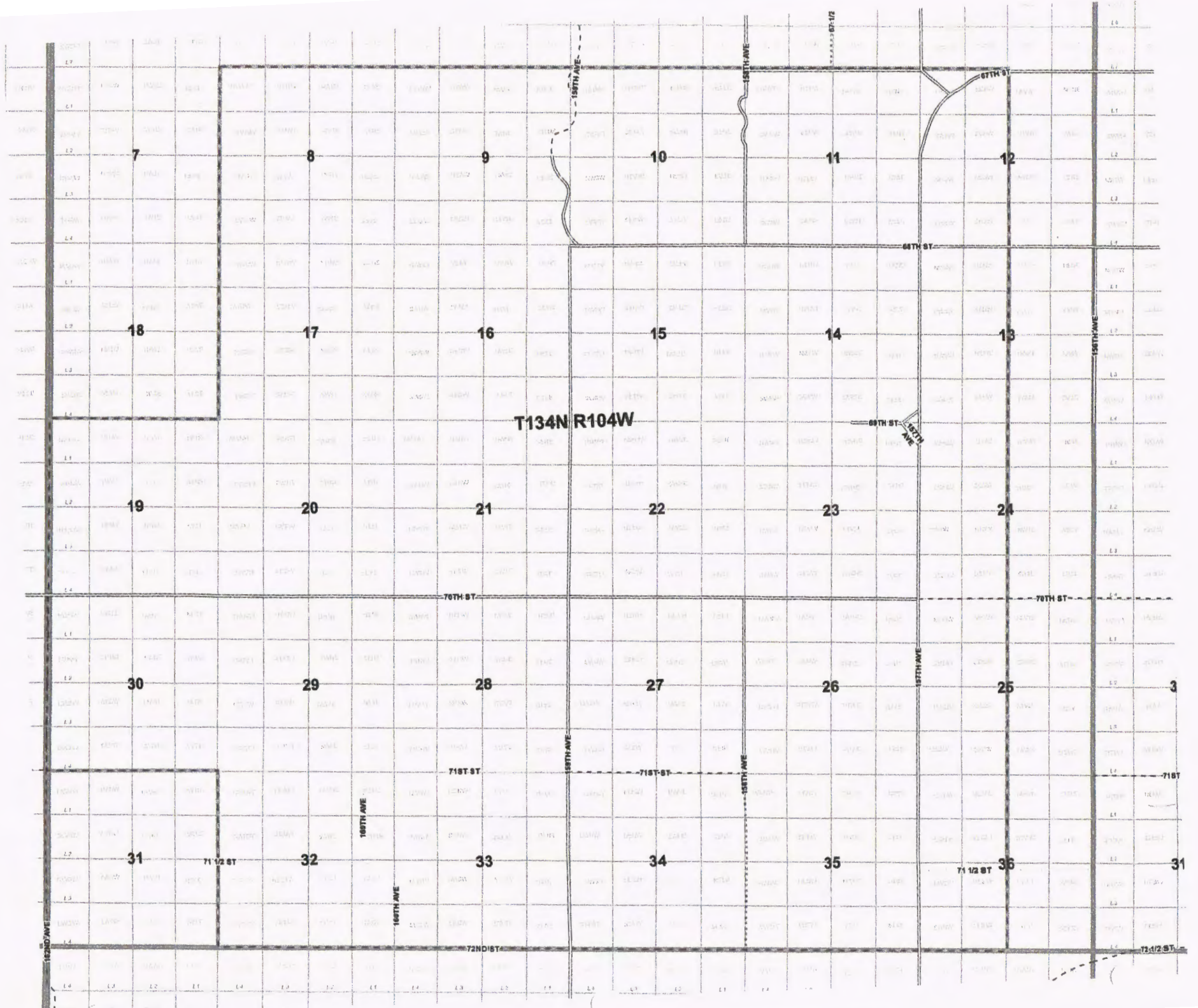
SECTION 2

| | |
|--|--------------------------|
| First S.P. # NA | Last S.P. # NA |
| 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 | |
| <p>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.</p> | |

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



T134N R104W

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12th Ave

71 1/2 St

16th Ave

16th Ave

71st St

16th Ave

71st St

16th Ave

17th Ave

71 1/2 St

15th Ave

67th St

68th St

68th St
14th Ave

70th St

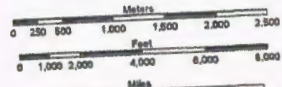
72nd St

73 1/2 St

ND22 - 3D

Slope County ND
Inland Geoservices

ND22 BASE MAP
Map Up Date: 9/13/2013



ND State Plane 3302 South - NAD83 Feet
1:20,000

LEGEND

MAP LEGEND

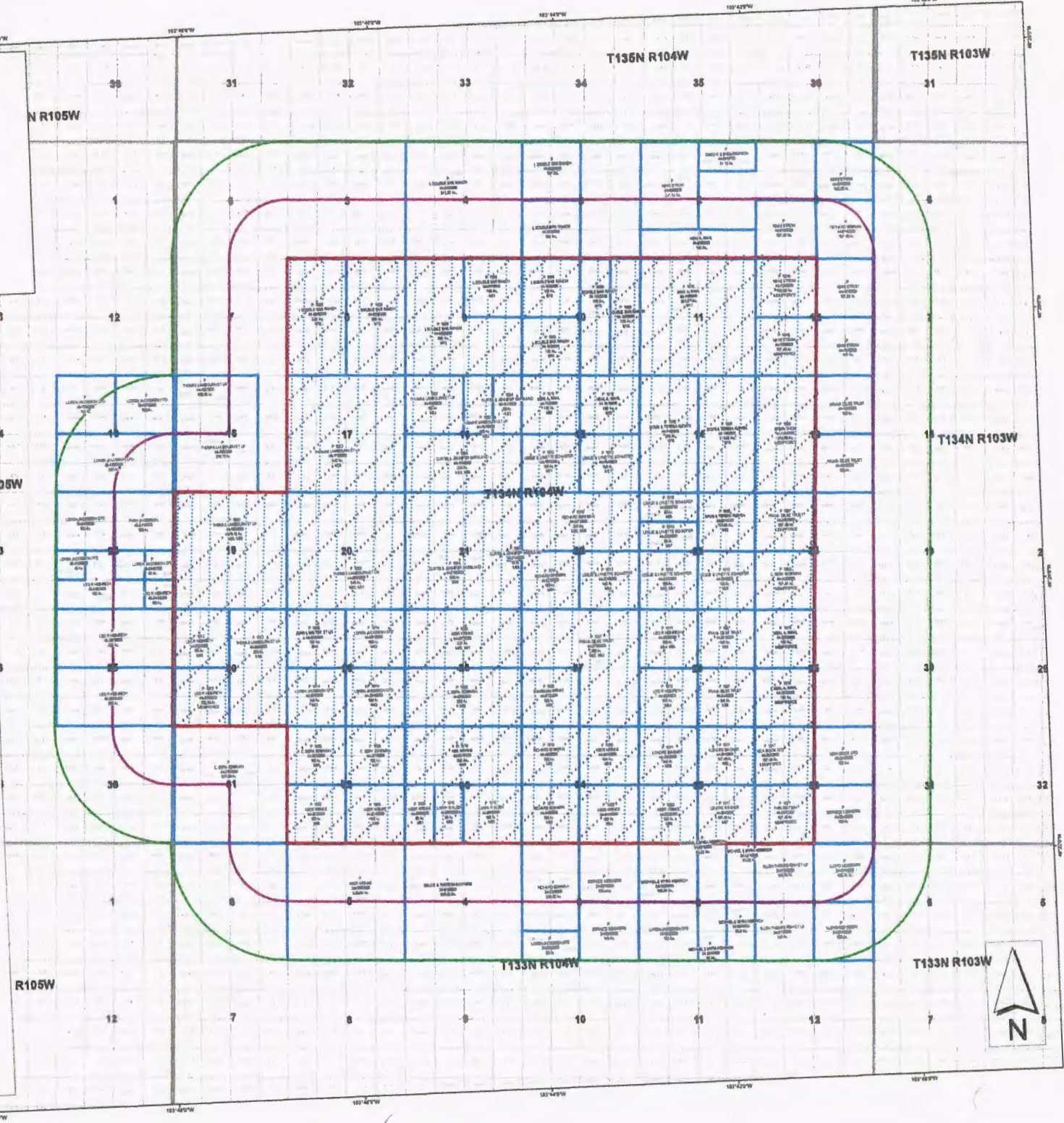
- 883D_20130807_Receiver_nad27
- 883D_20130807_Sources_nad27
- ▲ Drilling_Rpt_Feb2013_to_July2013
- AGD
- Air Injection
- Confidential
- Drilling
- DRY
- EXP
- OASC
- OASH
- Gas Injection
- HLP
- Location
- Oil or Gas
- Producer Abandoned
- Permit Now Cancelled
- Strat Test
- Salt Water Disposal
- Temp Abandoned
- Temp Abandoned Observation
- Water Injector
- WS

OTHER

- 883D_20130718_ML_nad27
- Buffer_1_mile
- Buffer_1/2_mile
- NHDPipeline
- Hydro_1000_nad27

ROADS/SURFACE TYPE

- Federal & State Roads
- Graded & Drained
- Gravel
- Paved
- Proposed
- State Highway
- Trail
- Unimproved





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 ND 22 3-D |
| County Slope County |
| Supplemental Information Added the following sections to ND 22 3-D: T134N R104W S12, S13, S24, S25, S36 |

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

| | |
|--|-----------------------------------|
| FOR STATE USE ONLY | |
| <input checked="" type="checkbox"/> Received | <input type="checkbox"/> Approved |
| Date 10/3/13 | |
| By | |
| Title Mineral Resources 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 Geokinetics Inc. | | Address 1500 Citywest Blvd. Suite 800 Houston, TX 77042 | | | |
| Contact Rick Scheetz | | Telephone 281-848-6800 | | Fax 713-706-3749 | |
| Surety Company U.S. Specialty Ins. Co. | | Bond Amount \$50,000.00 | | Bond Number B004059 | |
| 2) a. Subcontractor(s) TBD | | Address | | Telephone | |
| b. Subcontractor(s) | | Address | | Telephone | |
| 3) Party Manager Rick Scheetz | | Address (local) | | Telephone (local) 281-620-7041 | |
| 4) Project Name or Line Numbers ND 22 3-D | | | | | |
| 5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) Vibrosies | | | | | |
| 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 3-D NA | Amt of Charge NA | Depth NA | Source points per sq. mi. 102.3 | No. of sq. mi. 21.77 | |
| Size of Hole 2-D | Amt of Charge | Depth | Source points per ln. mi. | No. of ln. mi. | |
| 8) Approximate Start Date October 15, 2013 | | | Approximate Completion Date December 31, 2013 | | |

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

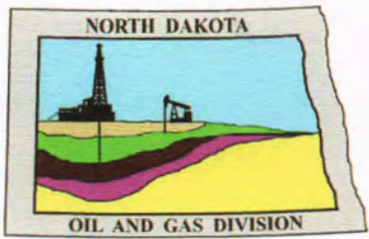
| | | | |
|---|--|------------------|------------------|
| 9) Location of Proposed Project - County Slope County | | | |
| Section(s), Township(s) & Range(s) | Section 8-11,14-17,19-23,26-30,31-35 | T. 134 | R. 104 |
| | Section | T. | R. |
| | Section | T. | R. |
| | Section | T. | R. |
| | Section | 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 9/1/13 |
| Signature | Printed Name Rick Scheetz | Title Project Manager | |
| Email Address(es) rick.scheetz@geokinetics.com | | | |

| | |
|--|---------------------------------|
| (This space for State office use) | |
| Permit No. 970238 | Approval Date 9/24/13 |
| Approved by | |
| Title Mineral Resources Permit Manager | |

Permit Conditions

- * 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.



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".**

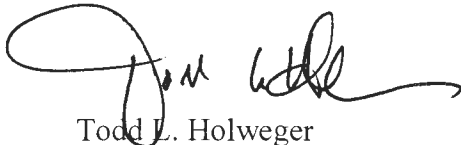
Review the following conditions for your permit:

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,

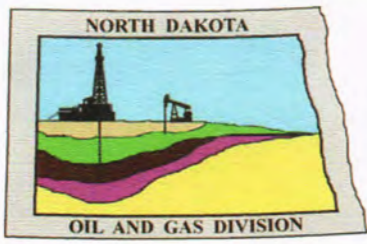
- c. Post Plot Map. It must show all water wells, buildings, underground cisterns, pipelines, and flowing springs that fall within the program area and within one half mile of the perimeter of the program.
 - d. SD card or email: ttorstenson@nd.gov with all source and receiver points,
 - e. Letter stating 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,



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

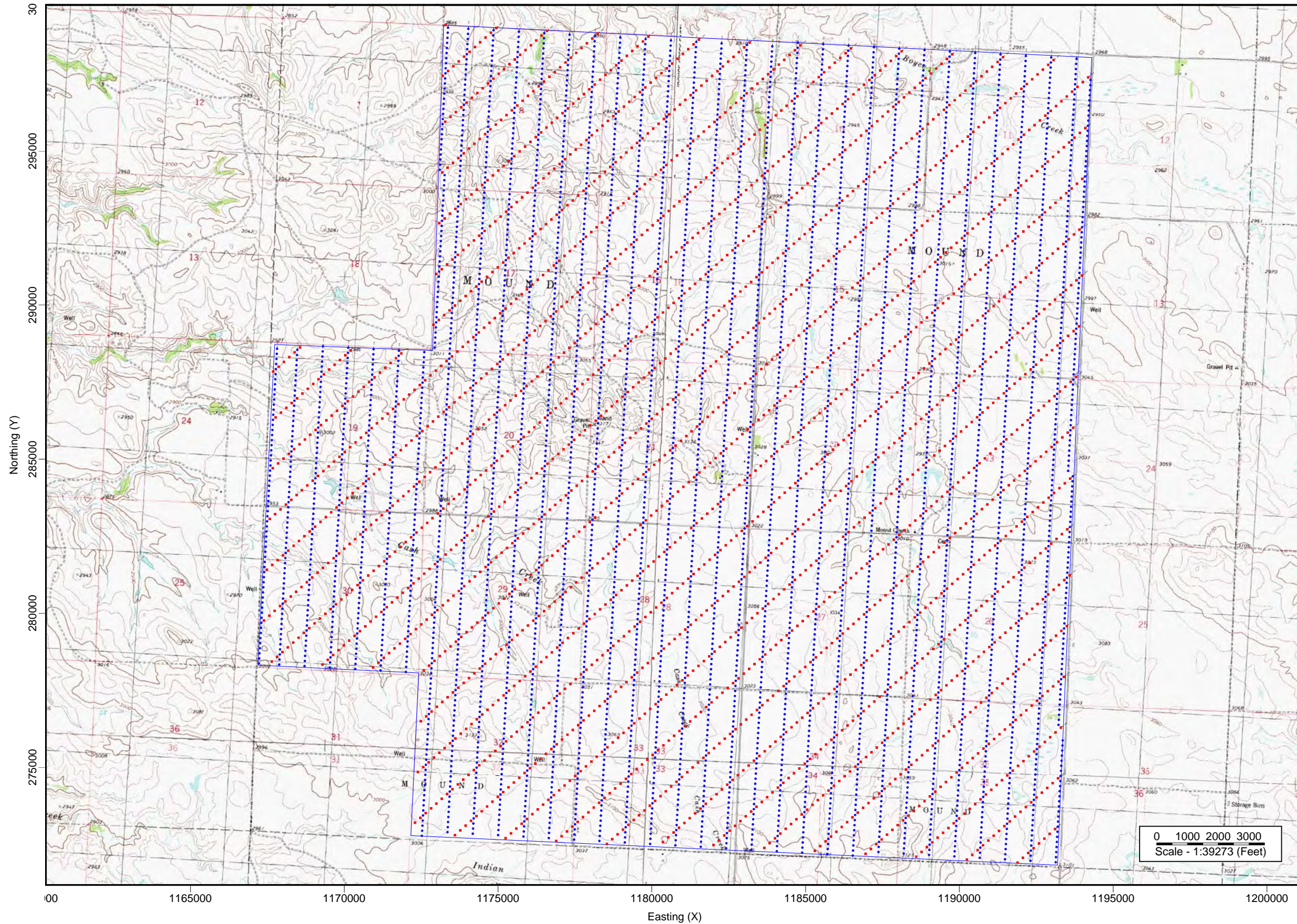
Should you have any questions, please contact our office.

Sincerely,

Todd L. Holweger
DMR Permit manager

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

Inline Interval: 233.35
Group Interval: 165
Line Interval: 1650
Line Bearing: 48.3
Total: 2226
Line count: 29
Per Square Mile: 102.3
Line miles: 97.1

Design

Type: Slant (45)
Bin Size: 82.5 x 82.5
Patch Size: **30 Lines Live**
Max Channels: 10500

Statistics

Max. Fold: 240.00
Max Inline Offsets: 25998.00
Max Xline Offsets: 12306.00
Max Offsets: 28977.00
Max. Near: 1569.7
Ratio: 0.42