



**PO Box 1062 Globe, AZ 85501 (928) 719-1848 (928) 425-3342 Fax**

May 31, 2012

Mr. Todd Holweger  
North Dakota Oil and Gas Conservation Commission  
600 East Blvd  
Bismarck, ND 58505

Dear Todd,

Letters to landowners and adjacent landowners within ½ miles of survey area notifying them of seismic recording activities were mailed on May 11<sup>th</sup> 2012. The letters notified them the operator of the survey was:

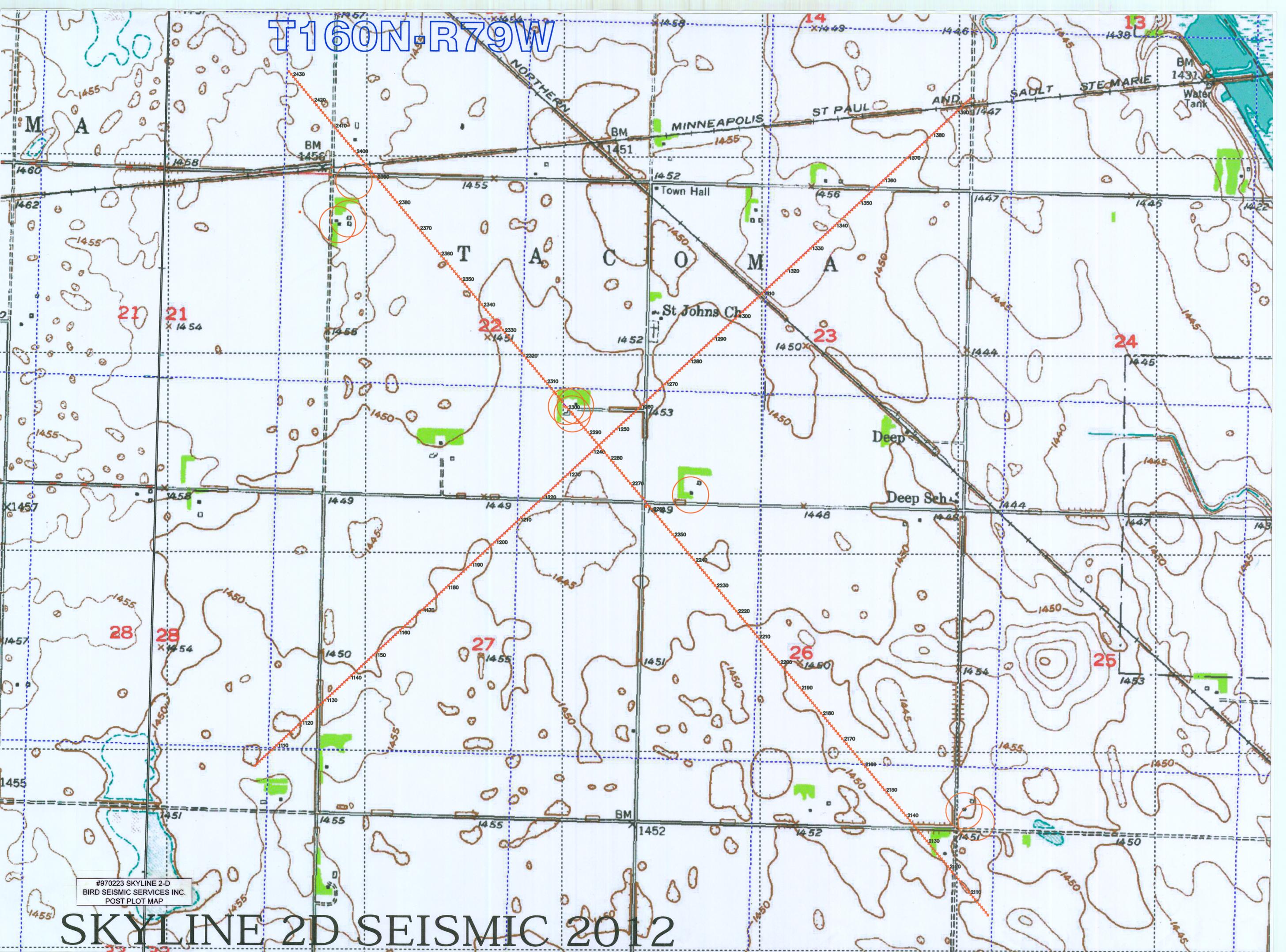
Bird Seismic Services, Inc.  
PO Box 1062  
Globe, AZ 85502

Also included were copies of the ND century code chapter 38-11-1 also chapter 38 -08.1-04.1

Best Regards,

Kenneth Bernstein  
President  
Bird Seismic Services, Inc

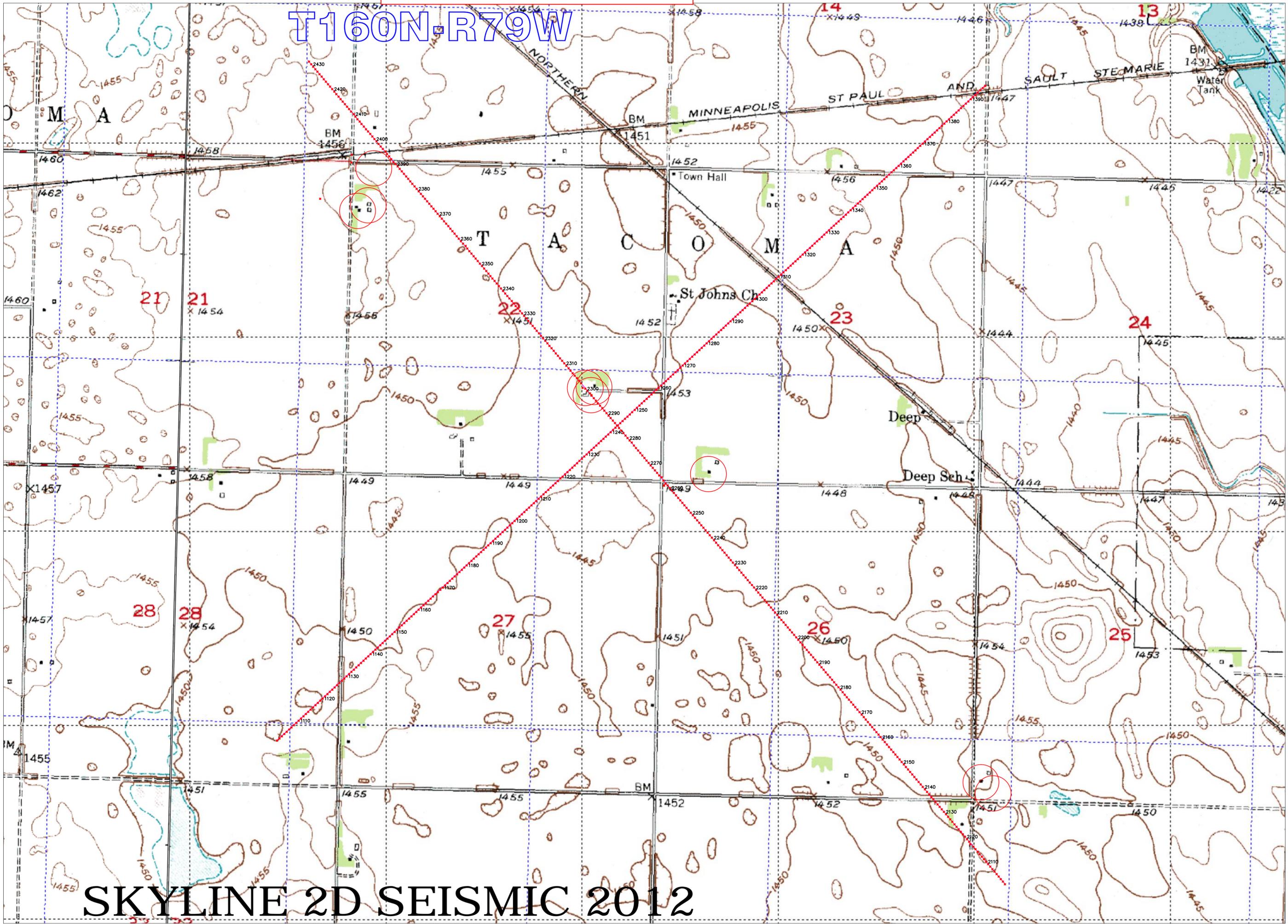
T160N-R79W



#970223 SKYLINE 2-D  
BIRD SEISMIC SERVICES INC.  
POST PLOT MAP

SKYLINE 2D SEISMIC 2012

T160N R79W



SKYLINE 2D SEISMIC 2012



# 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>970223</b>	
Shot Hole Operations	*Non-Explosive Operations <b>Weight Drop 2D</b>

## SECTION 1

Geophysical Contractor <b>Bird Seismic Services</b>	
Project Name and Number <b>Skyline 2D</b>	County(s) <b>Bottineau</b>
Township(s) <b>160N</b>	Range(s) <b>79W</b>
Drilling and Plugging Contractors <b>N/A</b>	
Date Commenced <b>March 4, 2012</b>	Date Completed <b>March 7, 2012</b>

## SECTION 2

First S.P. # <b>1100.5</b>	Last S.P. # <b>2431.5</b>																		
Loaded Holes (Undetonated Shot Points) <b>N/A</b>																			
S.P.#s																			
Charge Size																			
Depth																			
Reasons Holes Were Not Shot <b>N/A</b>																			

## SECTION 3

Flowing Holes and/or Blowouts S.P.#s <b>N/A</b>
Procedure for Plugging Flowing Holes and/or Blowouts <b>N/A</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).



**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 51466 (03-2011)



PERMIT NAME (Required): Skyline 2D

PERMIT NUMBER: 970223

**AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)**

STATE OF Arizona  
~~North Dakota~~ )

COUNTY OF Gila  
~~Bottineau~~ )

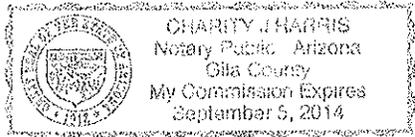
Before me, Charity J Harris, a Notary Public in and for the said  
County and State, this day personally appeared Kenneth M. Bernstein

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

\_\_\_\_\_, 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.

Kenneth M. Bernstein  
Kenneth M. Bernstein  
Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 10 day of April, 2012.

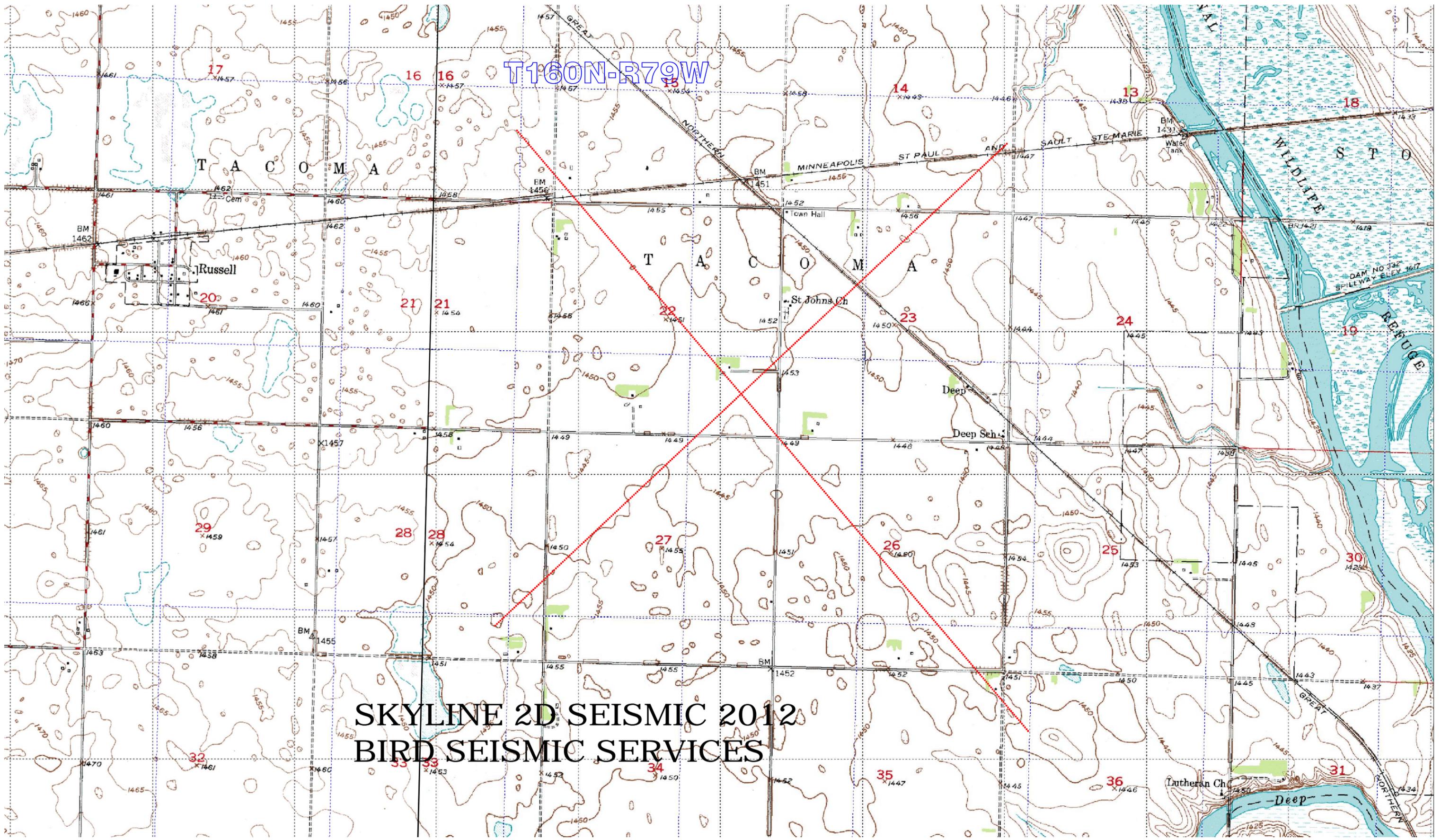


Notary Public Charity J Harris

My Commission Expires Sept 5 2014

T160N-R79W

SKYLINE 2D SEISMIC 2012  
BIRD SEISMIC SERVICES





# 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>Bird Seismic Services, Inc.</b>		Address <b>10165 S. Ice House Canyon Road, PO Box 1062 Globe,</b>			
Contact <b>Kenneth Bernstein</b>		Telephone <b>(928) 719-1848</b>		Fax <b>(928) 425-3342</b>	
Surety Company <b>Cash Bank of ND</b>		Bond Amount <b>\$25,000.00</b>		Bond Number <b>GEO-303</b>	
2) a. Subcontractor(s) <b>Matrix Surveys</b>		Address <b>191 University Dr #327 Denver, CO</b>		Telephone <b>(720) 480-8559</b>	
b. Subcontractor(s)		Address		Telephone	
3) Party Manager <b>Kenneth Bernstein</b>		Address (local) <b>Vegas Motel 2315 N Broadway Minot</b>		Telephone (local) <b>(928) 719-1848</b>	
4) Project Name or Line Numbers <b>Skyline 2D</b>					
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) <b>Weight Drop 2D</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 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					
Size of Hole	Amt of Charge	Depth	Source points per ln. mi.	No. of ln. mi.	
2-D			<b>96</b>	<b>5</b>	
8) Approximate Start Date <b>March 1, 2012</b>			Approximate Completion Date <b>April 15, 2012</b>		

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

9) Location of Proposed Project - County <b>Bottineau</b>			
Section(s), Township(s) & Range(s)	Section <b>14,15,16,22,23,26,27,28,35,36</b>	T. <b>160 N</b>	R. <b>79 W</b>
	Section	T.	R.

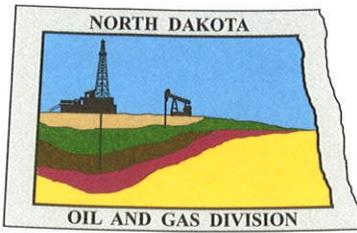
I hereby swear or affirm that the information provided is true, complete and correct as determined from all available records.			Date <b>February 27, 2012</b>
Signature <i>Kenneth Bernstein</i>	Printed Name <b>Kenneth Bernstein</b>	Title <b>President</b>	
Email Address(es) <b>ken@birdseismic.com</b>			

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.

(This space for State office use)	
Permit No. <b>970223</b>	Approval Date <b>2/29/12</b>
Approved by <i>Jim Stover</i>	
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.oilgas.nd.gov](http://www.oilgas.nd.gov)

FEBRUARY 29, 2012

MR. KENNETH BERNSTEIN  
BIRD SEISMIC SERVICES  
P.O. BOX 1062  
GLOBE AZ, 85502

RE: SKYLINE 2-D  
GEOPHYSICAL EXPLORATION PERMIT # 97-0223  
BOTTINEAU COUNTY  
NON EXPLOSIVE METHOD

Dear Mr. Bernstein:

Please be advised that we are in receipt of your Geophysical Exploration permit application and it is conditionally approved; effective for one year from FEBRUARY 29, 2012. **PURSUANT TO NDAC 43-02-12-05 (DISTANCE RESTRICTION) non-explosive exploration method may not be conducted not less than 300 feet from a water well, building, underground cistern, pipelines, and flowing spring.** 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: [tstenson@nd.gov](mailto:tstenson@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.

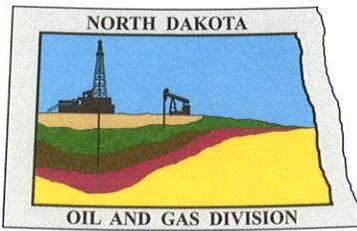
4. The following information must be submitted within 30 days of the completion of the project by the SUBCONTRACTOR(s) (when applicable):
  - a. Plugging Report
  - b. Plugging Affidavit
5. It is required that within seven days of initial contact between the permitting agent and the operator of the land, 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,

A handwritten signature in black ink, appearing to read "Todd L. Holweger", followed by 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](http://www.oilgas.nd.gov)

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February 29, 2012

The Honorable Mae Steich  
Bottineau County Auditor  
314 West 5<sup>th</sup>  
Bottineau, ND 58318-1204

RE: Geophysical Exploration  
Permit # 97-0223

Dear Ms. Steich:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that BIRD SEISMIC SERVICES, INC. was issued the above captioned permit on February 29, 2012 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  
Mineral Resources Permit Manager