

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

January 4, 2010

Mr. David Bush
Permit Manager
Geokinetics USA, Inc
1500 CityWest Blvd.
Suite 800
Houston, TX 77042

RE: Spring Coulee 2-D
Geophysical Exploration Permit #97-0184
Bottineau County

Dear Mr. Bush:

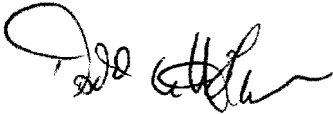
Please be advised that we are in receipt of your Geophysical Exploration permit and it is conditionally approved; effective for one year from January 4, 2010. Review the following conditions for your permit:

1. A pre-program meeting with state seismic inspector Tom Torstenson may be required. You must contact him at 701-290-1546 (cell) or 701-227-7436 at least 24 hours prior to any exploration operations.
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 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 a letter 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 for the locations 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
Mineral Resources Permit Manager



GEOPHYSICAL EXPLORATION PERMIT

INDUSTRIAL COMMISSION OF NORTH DAKOTA
 OIL AND GAS DIVISION
 600 EAST BOULEVARD DEPT 405
 BISMARCK, ND 58505-0840
 SFN 51459 (02-2008)



1) a. Company Geokinetics USA, Inc.		Address 1500 City West, Suite 800, Houston, TX 77042	
Contact Trevor Krauss	Telephone 281 484-6800	Fax 432 699-4221	
Surety Company U.S. Specialty Insurance Co.	Bond Amount \$50,000	Bond Number B004059	
2) a. Subcontractor(s) Ericson Contract Surveying		Address 111 5th SW, Sidney, MT 59270	
b. Subcontractor(s)		Telephone 406 482-6606	
c. Subcontractor(s)		Telephone	
3) Party Manager Juan Trevino		Address (local) 281 636-2689	
4) Project Name or Line Numbers Spring Coulee 2-D			
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) 2-D Vibroseis			
6) Approximate Start Date January 7, 2010		Approximate Completion Date March 15, 2010	

THE COMMISSION MUST BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF COMMENCEMENT OF DRILL/PLUG OPERATIONS

7) Location of Proposed Project - County Bottineau					
Section(s), Township(s) & Range(s)	Section 7 & 18	T. 159	R. 82		
	Section 13 & 14	T. 159	R. 83		
	Section	T.	R.		
	Section	T.	R.		
8) Size of Hole 3-D	Amt of Charge NA	Depth NA	Source points per sq. mi.	No. of sq. mi.	9) Must supply latitudes and longitudes of post-plot source and receiver points on an SD card.
Size of Hole 2-D	Amt of Charge NA	Depth NA	Source points per ln. mi. 32	No. of ln. mi. 2.9	

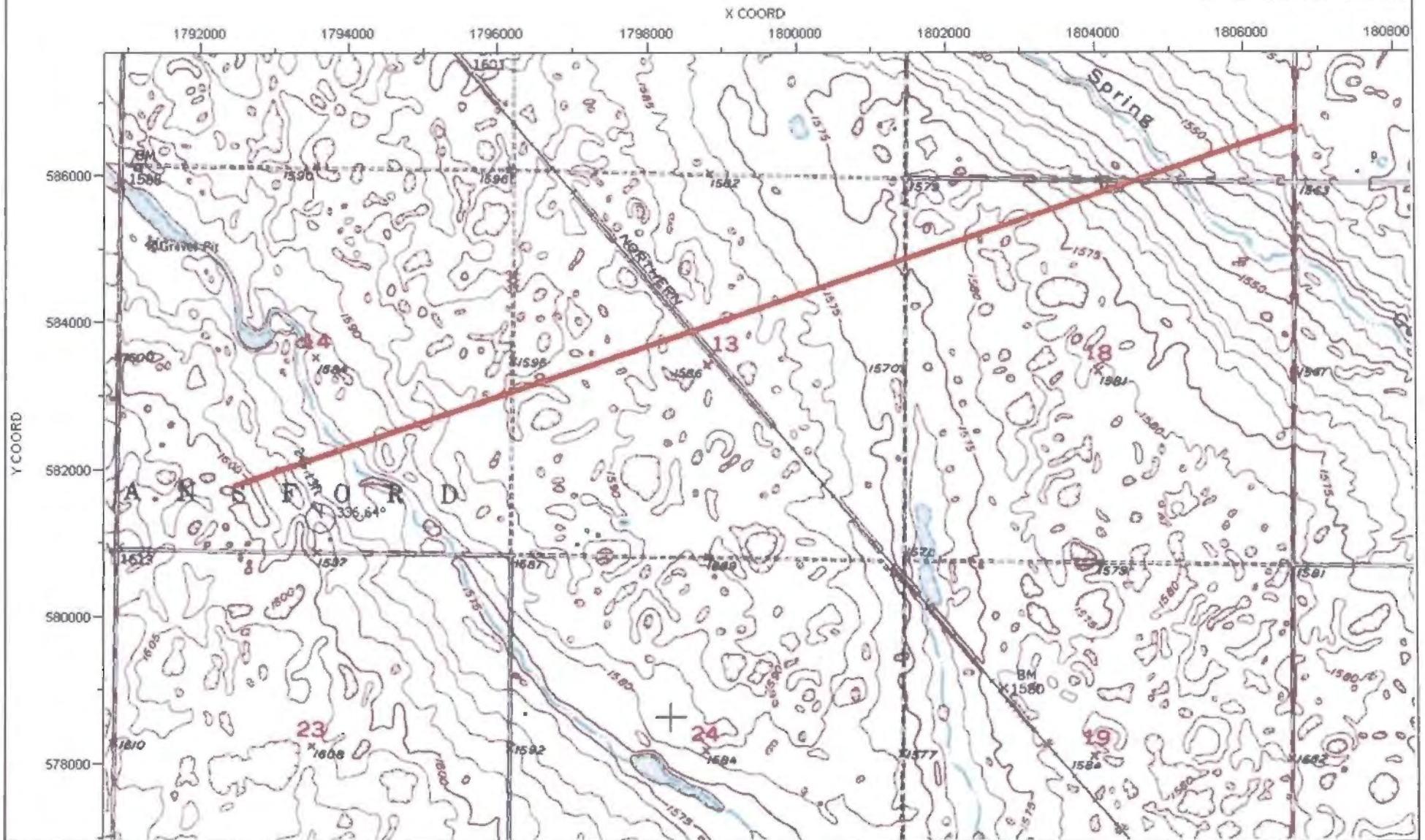
10) Anticipated special drilling and plugging procedures?
NA

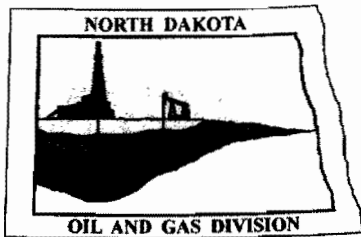
11) Enclose a pre-plot map with proposed location of seismic program lines and powder mag.

Signed 	Title Jeff Lund-Contract Permit Agent	Date December 29, 2009
(This space for State office use)		Conditions of Approval if any <i>See Attached letter</i>
Permit No. 972184	Approval Date 1/4/10	
Approved by 	Title Mineral Resources Permit Manager	
County Approval Sent Bottineau		

Spring Coulee 2D

1638.97 Feet per inch
0 500 1000 1500 2000 2500





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January 4, 2010

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

RE: Geophysical Exploration
Permit # 97-0184

Dear Ms. Steich:

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 January 4, 2010 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

