

SUNDRY NOTICE

INDUSTRIAL COMMISSION OF NORTH DAKOTA OIL AND GAS DIVISION 600 EAST BOULEVARD DEPT 405 BISMARCK, ND 58505-0840 SFN 51458 (03-2003)



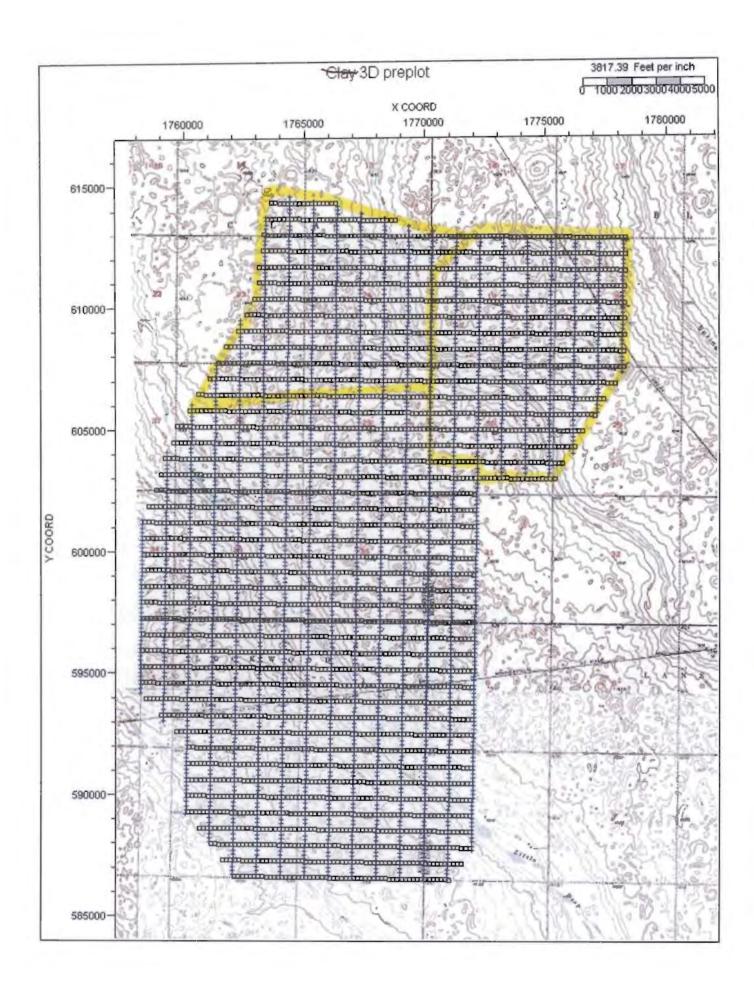
970179 PERMIT # -790179-

Project Name
Mac Tavish / Big Mac 3-D
County
Bottineau & Renville
Supplemental Information
The project is being expanded by Geokinetics to include the following lands; T.160n. R.83w: Sec. 18, 19, 20, 29, 30 & 31. T.160n. R.84w: Sec. 13, 14, 23, 24, 25, 26, 27, 34, 35 & 36. T.159n. R.83w: Sec. 6 & 7.
T.159n. R.84w: Sec. 1, 2, 3, 11 & 12.
The project will use Vibroseis trucks as an energy source.
Clients are: Ballantyne Oil & Bayside Energy LLC.
Contractors are: ECS Erickson Contract Survey
Project is scheduled to start January 1, 2010 and to be completed by January 30, 2010.
Tital Square miles = 14.

Company						
Geokinetics USA, Inc						
Address 1500 City West Blvd, Suite 800			Construction of the Constr			
City		State	Zip Code			
Houston	TX	77042				
Jeff Lund / 1/ Mu	Date Dece	Date December 30, 2009				
Title	Telepho	Telephone Number				
Contract Permit Agent (61)		(612) 501-2164				

FOR OFFICE USE ONLY

Data Received	131/2009
By	6 Hly
Title Elimorel Ro	cources 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		Address						
Geokinetics USA, Inc.		1500 City Wes	st Blvd.	Ste 80	0, Houston,			
Contact		Telephone		Fax	Fax			
David E. Bush		713-840-3380				713-840-3395		
Surety Company		Bond Amount				Bond Number		
U.S. Specialty Insurance Con	npany				\$50,000.00	B004059		
2) a. Subcontractor(s)		Address				Telephone		
Erickson Contract Surveying		Sidney, Monta	ana 5927	70		406-482-6606		
b. Subcontractor(s)		Address				Telephone		
c. Subcontractor(s)		Address				Telephone		
3) Party Manager		Address (local)				Telephone (local)		
		Address (local)				releptione (local)		
Juan Trevino 4) Project Name or Line Numbers		<u> </u>				L		
Mac Tavish, Lemon Gulch, B	ig Mac 3D							
5) Exploration Method (Shot Hole, Non-	-Explosive, 2	D, 3D, Other)						
Non Explosive 3D								
6) Approximate Start Date			/	Approxim	nate Completion	n Date		
November 15, 2009	ovember 15, 2009 November 15, 2010							
THE COMMISSION MUST BE	NOTIFIED A	T LEAST 24 HOL	URS IN AL	OVANCI	E OF COMME	NCEMENT OF DE	RILL/PLUG OPERATIONS	
7) Location of Proposed Project - Coun	ity							
Renville, Bottineau,								
		3, 14, 23, 24, 2	5, 26			160	R. 84	
Section(s),	ection	18, 19, 20, 29, 30			T. 160		R. 83	
Township(s) & Range(s)	ection				Т.		R.	
	27, 28, 32, 33, 34, Section		54,		163		96 R.	
	ection	-4,5				182	R86_	
8) Size of Hole Arnt of Cl	harge	Depth	Source	e points	per sq. mi.	No. of sq. mi.	9) Must supply latitudes and	
3-D NA NA		NA	148.	684	6	4.79	longitudes of post-plot	
Size of Hole Arnt of Ch	narge	Depth	pth Source points per In. mi.		No. of In. mi.	source and receiver points		
2-D 10) Anticipated special drilling and plug	aina procedu	me?					on an SD card.	
	ging procedu	163 !						
NA			r					
11) Enclose a pre-plot map with propos	ed location of	r seismic program i	lines and p	owaer m	nag.			
Signed		Title				D-4-		
			Date					
	Permit Manager (This space for State office use)			Conditions of Approval if any				
Permit No.		Approval Date				Conditions of A	Approval if any	
970179		11/16	12009					
Approved by	1 49.				500	11) 10	1 -11 01	
Title A Tinoral Resources Permit Manager See A Hacked Letter								
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County Approval Sent	71	- 11·						
	ille 5	Batting.	In.					





Mac Tavish 3D

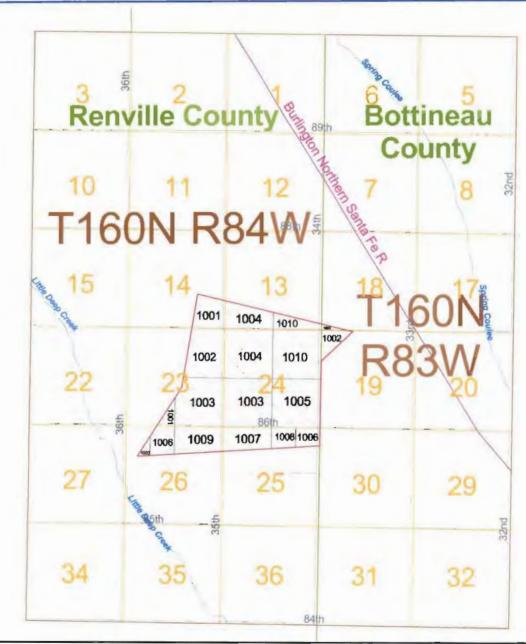
Surface Map

October 15, 2009











Big Mac 3D



State Plane Forth Sulmta Sweth MAD BY

Area of Interest Seaville & Settineau Counties Surth Dalesta & Square Miles Surface Map

October 15, 2009





This resp has been complety programs from delicing resolution, responsible data, photographs, unable office information, which is provided as a starting only. We restor in contraction



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

November 16, 2009

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

RE:

Mac Tavish/Big Mack 3-D

Geophysical Exploration Permit #97-0179

Renville & Bottineau Counties

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 November 16, 2009 Note that this project is near a military installation; contact Captain Eric Dockter at (701) 240-7729. 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 <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

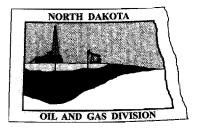
- 5. It is required that within seven days of initial contact between the permitting agent and the operator of the land, the permitting agent shall provide the operator of the land and each landowner owning land within one-half mile of the land on which geophysical exploration activities are to be conducted 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 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



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

November 16, 2009

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

RE: Geophysical Exploration

Permit # 97-0179

Dear Ms. Steich:

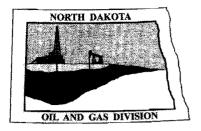
Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that Geokinetics USA Inc. was issued the above captioned permit on November 16, 2009 and will remain in effect for a period of one year. The entire permit can be viewed on our website at: https://www.dmr.nd.gov/oilgas/seismic/seismicstats.asp

Should you have any questions, please contact our office.

Sincerely,

Todd L. Holweger

Mineral Resources Permit Manager



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

November 16, 2009

The Honorable LeAnn Fisher Renville County Auditor P.O. Box 68 Mohall, ND 58761

> RE: Geophysical Exploration Permit # 97-0179

Dear Ms. Fisher:

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 November 16, 2009 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

