



# SEISMIC COMPLETION REPORT

INDUSTRIAL COMMISSION OF NORTH DAKOTA  
OIL AND GAS DIVISION  
600 EAST BOULEVARD OEPT 405  
BISMARCK, ND 58505-0840  
SFN 51456 (03-2005)



Permit No. <b>970152</b>	
Shot Hole Operations	*Non-Explosive Operations <b>Vibrosels</b>

## SECTION 1

Geophysical Contractor <b>Conquest Seismic Services, Inc.</b>	
Project Name and Number <b>Little Butte 3D</b>	County(s) <b>Burke County</b>
Township(s) <b>159, 160</b>	Range(s) <b>92, 93</b>
Drilling and Plugging Contractors <b>n/a</b>	
Date Commenced <b>February 24, 2008</b>	Date Completed <b>March 24, 2008</b>

## SECTION 2

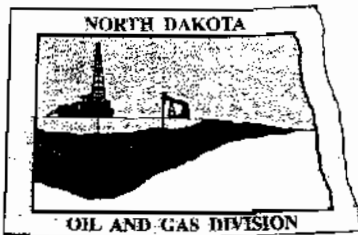
First S.P. #	Last S.P. #											
Loaded Holes (Undetonated Shot Points)												
S.P.#s												
Charge Size												
Depth												
Reasons Holes Were Not Shot												

## SECTION 3

Flowing Holes and/or Blowouts S.P.#s
Procedure for Plugging Flowing Holes and/or Blowouts

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.





# Oil and Gas Division 970152

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](http://www.dmr.nd.gov/oilgas)

12/4/2008

PAUL CRILLY  
CONQUEST SEISMIC SERVICES, INC.  
2200-39 AVE NE  
CALGARY, AB CANADA T2E6P7

RE: LITTLE BUTTE 3-D  
BURKE COUNTY  
PERMIT NO. 970152      COMPLETION DATE: 3/24/2008

Dear Paul:

According to our records, our office has not received a Completion Report or Affidavit of Completion for the above captioned project.

The reports are due thirty days after the completion of the project. Please submit the report & affidavit at your earliest convenience. If you have any questions, feel free to contact our office.

Sincerely,

Richard A. Suggs  
Engineering Technician

970152

Industrial Commission of North Dakota  
Oil & Gas Division  
600 East Boulevard, Dept. 405  
Bismarck, ND 58505-0840  
Attn: Todd Holweger



Re: Little Butte 3-D Seismic Project

Dear Todd:

Attached is a list of landowners who were sent the required "notice to surface owners" at the beginning of the permitting process for this project. In addition to the required notice I make sure that everyone has the contact information for me and the agents assigned to them.

Don't hesitate to call me if you need anything.

A handwritten signature in black ink, appearing to read "Jeff Lund".

Jeff Lund  
Contract Seismic Permit Agent  
for Fidelity Exploration & Production Company





# GEOPHYSICAL EXPLORATION PERMIT

INDUSTRIAL COMMISSION OF NORTH DAKOTA  
 OIL AND GAS DIVISION  
 600 EAST BOULEVARD DEPT 405  
 BISMARCK, ND 58505-0840  
 SFN 51450 (11-2007)



1) a. Company <b>Conquest Selsmic Services</b>	Address <b>2200 39th Avenue NE., Calgary, AB Canada T2E6P7</b>	
Contact <b>Randy Luckiw</b>	Telephone <b>303 501-0039</b>	Fax <b>403 291-5229</b>
Surety Company <b>RLI Insurance Company</b>	Bond Amount <b>\$50,00</b>	Bond Number <b>RLB0010406</b>
2) a Subcontractor(s) <b>Peoples Exploration Services</b>	Address <b>P.O. Box 190, Lota, LA 70543</b>	Telephone <b>337 250-5045</b>
b. Subcontractor(s)	Address	Telephone
c. Subcontractor(s)	Address	Telephone
3) Parly Manager <b>TBD</b>	Address (local) <b>TBD</b>	Telephone (local) <b>TBD</b>
4) Project Name or Line Numbers <b>Little Butte 3-D (Fidelity Exploration &amp; Production Company)</b>		
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) <b>Vibrosels 3-D</b>		
6) Approximate Start Date <b>February 15, 2008</b>		Approximate Completion Date <b>March 31, 2008</b>

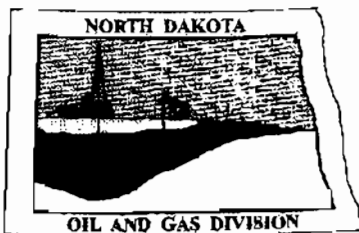
**THE COMMISSION MUST BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF COMMENCEMENT OF DRILL/PLUG OPERATIONS**

7) Location of Proposed Project - County <b>Burke County</b>					
Section(s), Township(s) & Range(s)	Section <b>1, 2, 3, 4, 5, 6, 7, 8, 9 &amp; 10</b>	T. <b>159</b>	R. <b>92</b>	9) Must supply latitude/longitudes of source and receiver points on an SD card.	
	Section <b>1, 2, 3, 4, 9, 10, 11 &amp; 12</b>	T. <b>159</b>	R. <b>93</b>		
	Section <b>7 through 36</b>	T. <b>160</b>	R. <b>92</b>		
	Section <b>12, 23, 24, 15, 22 - 27, 34, 35 &amp; 36</b>	T. <b>160</b>	R. <b>93</b>		
8) Size of Hole <b>3-D na</b>	Amt of Charge <b>na</b>	Depth <b>na</b>	Source points per sq. mi. <b>260</b>	No. of sq. mi. <b>46</b>	
Size of Hole <b>2-D</b>	Amt of Charge	Depth	Source points per ln. mi.	No. of ln. mi.	

10) Anticipated special drilling and plugging procedures?  
**None**

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

Signed 	Title <b>Jeff Lund, Permit Agent</b>	Date <b>February 6, 2008</b>
(This space for State office use)		Conditions of Approval if any  <b>See Attached Letter</b>
Permit No. <b>970152</b>	Approval Date <b>2/20/2008</b>	
Approved by 		
Title <b>Mineral Resources Permit Manager</b>		
County Approval Sent <b>Burke County</b>		



# 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 20, 2008

Mr. Randy Luckiw  
Conquest Seismic Services  
2200 39<sup>th</sup> Ave NE  
Calgary, AB Canada T2E6P7

RE: Little Butte 3-D  
Geophysical Exploration Permit #97-0152  
Burke County

Dear Mr. Luckiw:

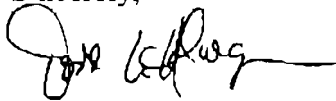
Please be advised that we are in receipt of your Geophysical Exploration permit and it is conditionally approved; effective for one year from February 20, 2008. Review the following conditions for your permit:

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 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

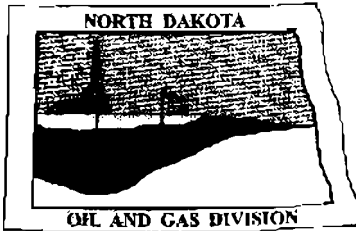
5. It is required that within seven days of initial contact between the permitting agent and the operator of the land, the permitting agent shall provide the operator of the land and each landowner owning land within one-half mile of the land on which geophysical exploration activities are to be conducted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



# Oil and Gas Division

Lynn D. Helms - Director      Bruce L. 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 20, 2008

The Honorable Teri Baumann  
Burke County Auditor  
P.O. Box 310  
Bowbells, ND 58721-0310

RE: Geophysical Exploration  
Permit #97-0152

Dear Ms. Baumann:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that Conquest Seismic Services was issued the above captioned permit on February 20, 2008 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>

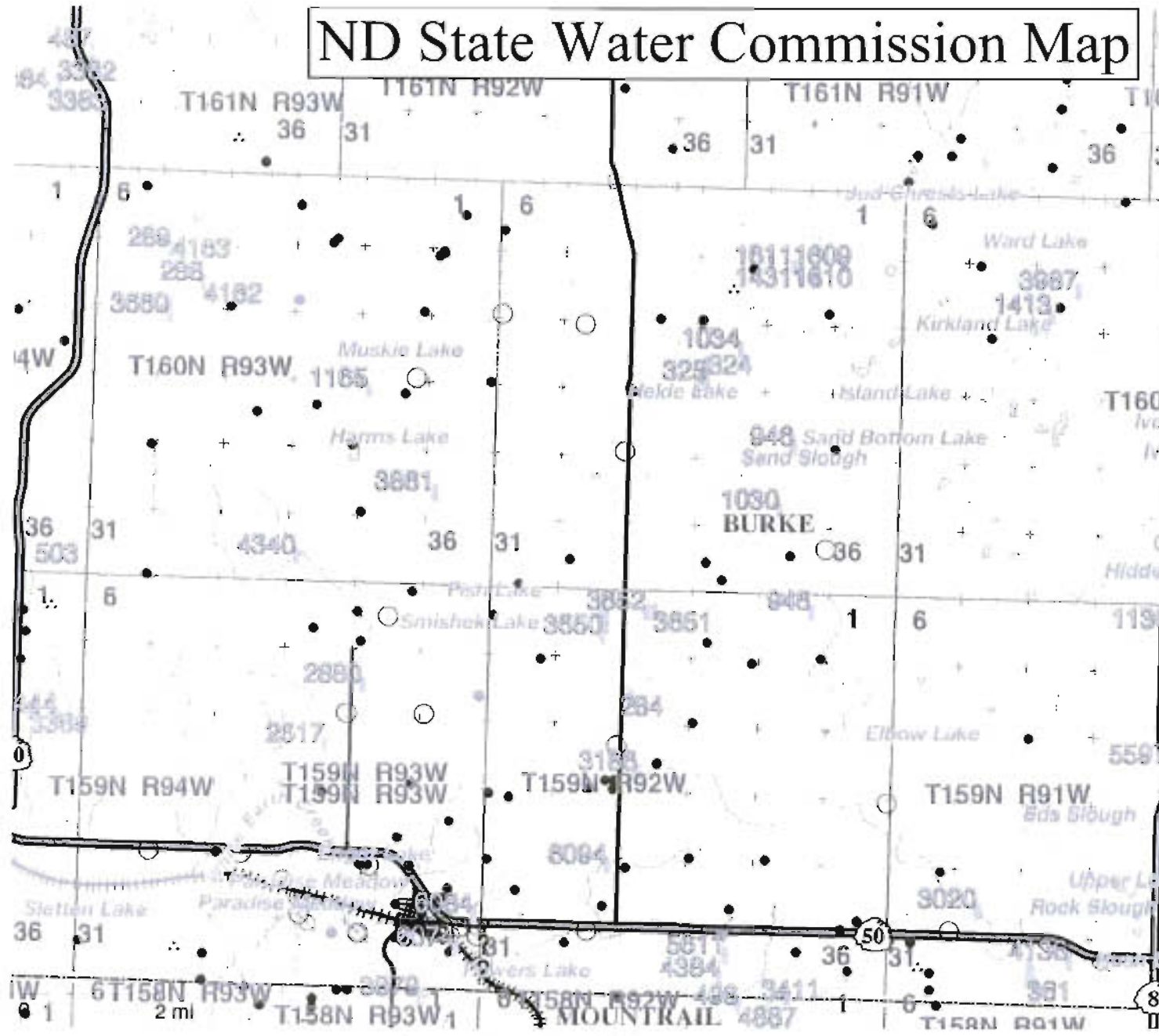
Should you have any questions, please contact our office.

Sincerely,

A handwritten signature in black ink, appearing to read "Todd L. Holweger". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Todd L. Holweger  
DMR Permit manager

# ND State Water Commission Map



- 50-500 gpm Yield
- Over 500 gpm Yield
- Precipitation Observers
- Driller Logs
- Domestic Well
- Domestic Well - Plugged
- Industrial Well
- Industrial Well - Plugged
- Irrigation Well
- Irrigation Well - Plugged
- Multi-Well Sample
- Municipal Well
- Municipal Well - Plugged
- Observation Well
- Observation Well - Destroyed
- Observation Well - Plugged
- Observation Well - Recorder
- Production Well
- Production Well - Plugged
- Rural Water Well
- Stock Well
- Stock Well - Plugged
- Surface Water Monitoring Site
- Test Hole
- Test Well
- Unknown
- Dams
- Drains
- Dikes
- Diversion Structures
- Dugouts
- Dams
- Corporate limits
- Section Corners
- Townships
- County Boundaries
- Lakes or Ponds
- River or Stream
- Marsh or Wetlands
- Lakes or Ponds