



SEISMIC COMPLETION REPORT

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 51456 (03-2003)



Permit No. 97-0097	
Shot Hole Operations	*Non-Explosive Operations Non Explosive 2-D

SECTION 1

Geophysical Contractor Grant Geophysical Corp.	
Project Name and Number Montrail County 3D	County(s) Mountrail County
Township(s) 156, 157 N	Range(s) 91, 92 W
Drilling and Plugging Contractors N/A	
Date Commenced January 24, 2005	Date Completed January 29, 2005

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.

*Non-Explosive Operations - Complete Section 1 and Affidavit.

AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

STATE OF ~~NORTH DAKOTA~~ Colorado)

COUNTY OF Morgan)

Before me, Emily B. Curtis, a Notary Public in and for the said

County and State, this day personally appeared Lesle Jenine Wright

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

Grant Geophysical, 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.

Lesle Jenine Wright

Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 16 day of February, 2008.



Notary Public

Emily B. Curtis

My Commission Expires

My Commission Expires 4/14/2008



GEOPHYSICAL EXPLORATION PERMIT

INDUSTRIAL COMMISSION OF NORTH DAKOTA
 OIL AND GAS DIVISION
 600 EAST BOULEVARD DEPT 405
 BISMARCK, ND 58505-0840
 SFN 51459 (03-2003)



1) a. Company Grant Geophysical corp.		Address 7309 Flint Rd. S.E. Calgary, Alberta Canada T2H-1G3	
Contact Trent Middleton		Telephone (403) 255-9388	Fax (403) 255-4697
Surety Company RLI Insurance		Bond Amount \$50,000.00	Bond Number RLB 00002817
2) a. Subcontractor(s) Erickson Contract surveys		Address Sidney, Mont.	
b. Subcontractor(s)		Address	
c. Subcontractor(s)		Address	
3) Party Manager Rick Scheetz		Address Sidney, Mont.	
4) Project Name or Line Numbers Mountrail County 3D			
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D) Non- Explosive			
6) Approximate Drilling Start Date		Approximate Completion Date	

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

7) Location of Proposed Project - County Mountrail County								
Section(s), Township(s) & Range(s)	Sec. 26,27,28,29	T. 157 N	R. 91 W					
	Sec. 32,33,34,35	T. 157 N	R. 91 W					
	Sec. 1,2,12	T. 156 N	R. 92 W					
	Sec. 5,6,7	T. 156 N	R. 91 W					
8) Size of Hole	Amt of Charge	Depth	Shots per Mi. (sq. mi.)	No. of Mi. (sq. mi.)	Identifying Marks Used on Nonmetallic Plug			
				9.88	Geophysical ID	a. Plugger ID	b. Plugger ID	c. Plugger ID

9) Anticipated special drilling and plugging procedures?
Mountrail County

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

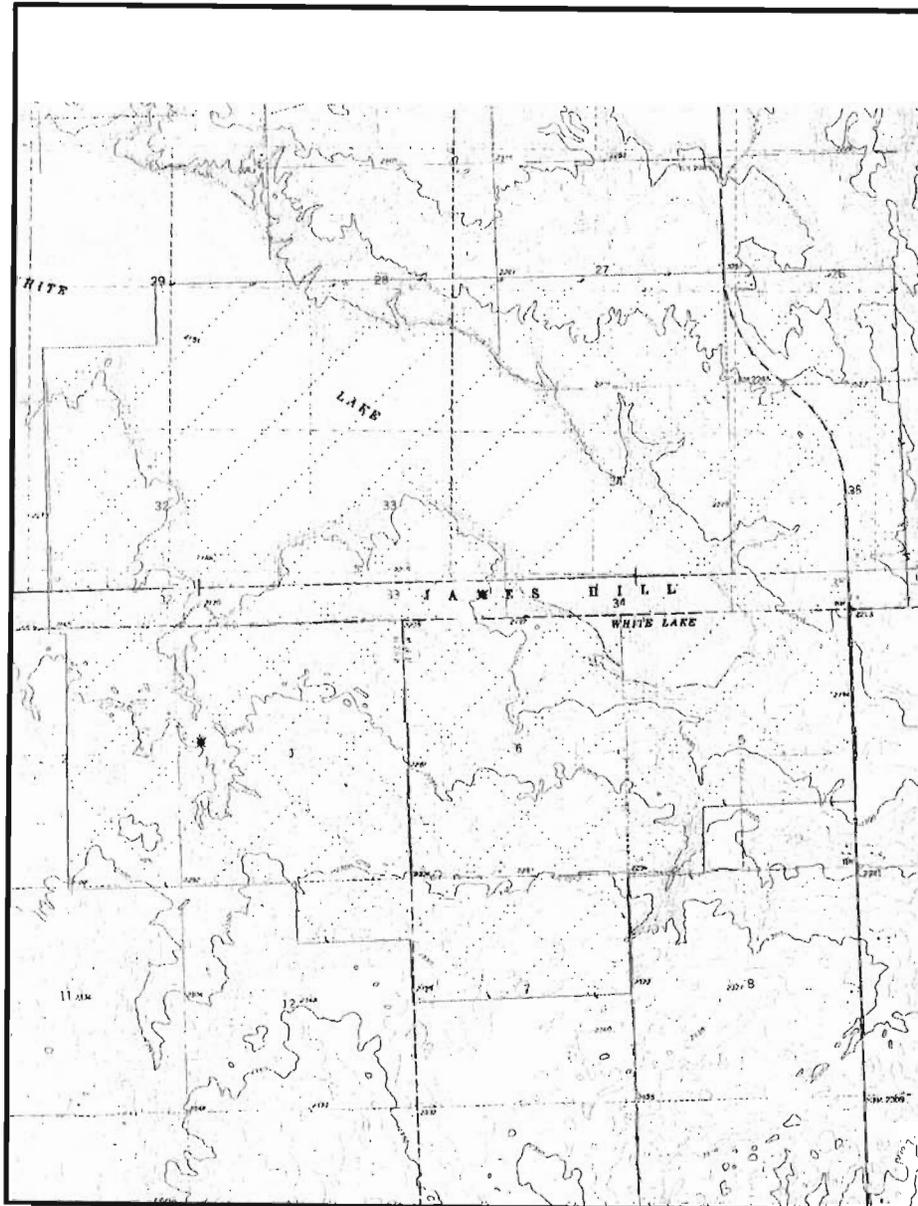
Signed <i>Trent Middleton</i>	Title Operations Supervisor	Date January 21, 2005
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(This space for State office use)		Conditions of Approval if any <i>All attached letters for conditions. [Signature] 1/21/05</i>
Permit No. 970097	Approval Date 1-21-05	
Approved by <i>[Signature]</i>		
Title <i>Geophysical Regulatory Supervisor</i>		
County Approval Sent <i>Mountrail</i>		

*See Instructions On Reverse Side

Mountrail County 3D

Design Map and Summary



0 4000 8000 12000 16000
Feet - 1:50000

Survey2.osd

Receivers Line Summary:

Maximum Line Interval = 1320.0 feet
 Max # of Included Stations Per Line = 92
 Average Station Interval = 220.24 feet
 Average Bearing of Lines = 45.00 degrees

Receivers Summary:

Total # of Included Receivers = 946
 Receiver Density = 105.97 per Sq Mi

Shots Line Summary:

Maximum Line Interval = 2233.4 feet
 Max # of Included Stations Per Line = 84
 Average Station Interval = 230.92 feet
 Average Bearing of Lines = 134.52 degrees

Shots Summary:

Total # of Included shots = 679
 Shot Density = 80.17 per Sq Mi

Obstacle summary:

Name	Area Sq Mi	Num Shts	Num Recs
Survey Boundary	9.88	672	946
White Lake	3.80	39	0

Primary target depth: ~8200 feet

Minimum Isochron depth: ~4000 feet

Requested:

- receiver lines parallel to SW dip
- nominal 16 fold. Priority SE lake area progressively NW.
- No shots allowed in the lake

Design:

SI/SLI: 220/1760 feet @ 135 degrees

RI/RLI: 220/1320 feet @ 45 degrees

Xmin: 2046 feet

Xmax: 10846 feet (10 x 80 pattern)

Aspect Ratio: 0.68

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Lynn D. Helms
DIRECTOR

www.oilgas.nd.gov

Bruce E. Hicks
ASSISTANT DIRECTOR

January 21, 2005

Mr. Rick Scheetz
Grant Geophysical dba Solid State Geophysical
P.O. Box 507
Sidney, MT 59270

RE: Geophysical Exploration Permit # 97-0097
Mountrail County 3D
Mountrail County, North Dakota

Dear Mr. Scheetz:

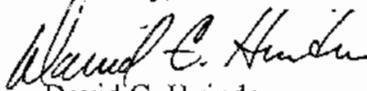
Please be advised that we are in receipt of your Geophysical Exploration permit and have conditionally approved your permit effective for one year from January 21, 2005.

Please 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 701-227-7436 (w) or 701-290-1546 (cell) 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 post plot map must show all water wells, buildings, underground cisterns, pipelines, and flowing springs that fall within the program area and within 300 feet of the perimeter of the program.
4. If available, a SEG P1 with all source and receiver points should be made available to the Oil and Gas Division upon filing of the seismic completion report within 30 days of the completion of the program.

Should you have any questions regarding this matter, feel free to contact me at 701-328-8037, or Tom Torstenson at the number listed in paragraph 1.

Sincerely,



David C. Hvinden
Geophysical Regulation Supervisor

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Lynn D. Helms
DIRECTOR

www.oilgas.nd.gov

Bruce E. Hicks
ASSISTANT DIRECTOR

January 21, 2005

Mr. Trent Middleton
Solid State Geophysical dba Grant Geophysical Corp.
7309 Flind Rd S.E.
Calgary, Alberta, Canada T2H 1G3

RE: Geophysical Exploration Permit # 97-0097
Mountrail County 3D
Mountrail County, North Dakota

Dear Mr. Middleton:

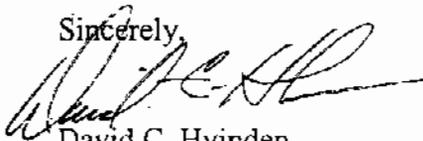
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3. The post plot map must show all water wells, buildings, underground cisterns, pipelines, and flowing springs that fall within the program area and within 300 feet of the perimeter of the program.
4. If available, a SEG P1 with all source and receiver points should be made available to the Oil and Gas Division upon filing of the seismic completion report within 30 days of the completion of the program.
5. Finally, approved upon receipt of original application, pre-plot map, and fee.

Should you have any questions regarding this matter, feel free to contact me at 701-328-8037, or Tom Torstenson at the number listed in paragraph 1.

Sincerely,



David C. Hvinden
Geophysical Regulation Supervisor

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Lynn D. Helms
DIRECTOR

www.oilgas.nd.gov

Bruce E. Hicks
ASSISTANT DIRECTOR

January 21, 2005

The Honorable Karen H. Eliason
Mountrail County Auditor
P.O. Box 69
Stanley, ND 58784

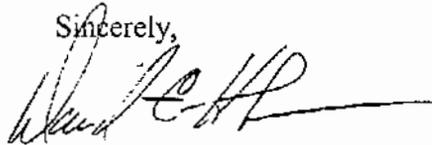
RE: Geophysical Exploration
Permit # 97-0097

Dear Ms. Eliason:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that Grant Geophysical Corp. was issued the above captioned permit on January 21, 2005 and will remain in effect for a period of one year.

Should you have any questions, please contact our office.

Sincerely,



David C. Hvinden
Geophysical Regulation Supervisor

DCH/dh