

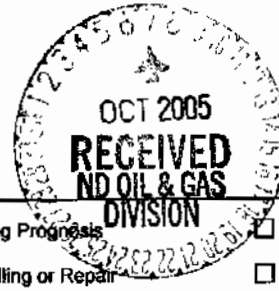


# SUNDRY NOTICES AND REPORTS ON WELLS - FORM 4

INDUSTRIAL COMMISSION OF NORTH DAKOTA  
OIL AND GAS DIVISION  
600 EAST BOULEVARD DEPT 405  
BISMARCK, ND 58505-0840  
SFN 5749 (03-2004)

Permit #

Well File No. 970104



PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.  
PLEASE SUBMIT THE ORIGINAL AND ONE COPY.

<input type="checkbox"/> Notice of Intent	Approximate Start Date
<input type="checkbox"/> Date Work Completed	Date Work Completed
<input type="checkbox"/> Notice of Intent to Begin a Workover Project that may Qualify for a Tax Exemption Pursuant to NDCC Section 57-51.1-03.	Approximate Start Date
	<u>October 6, 2005</u>

<input type="checkbox"/> Drilling Progress	<input type="checkbox"/> Spill Report
<input type="checkbox"/> Redrilling or Repair	<input type="checkbox"/> Shooting
<input type="checkbox"/> Casing or Liner	<input type="checkbox"/> Acidizing
<input type="checkbox"/> Plug Well	<input type="checkbox"/> Fracture Treatment
<input type="checkbox"/> Supplemental History	<input type="checkbox"/> Change Production Method
<input type="checkbox"/> Temporarily Abandon	<input type="checkbox"/> Reclamation
<input checked="" type="checkbox"/> Other	<u>Re-design of seismic project</u>

Well Name and Number Program Name: West Greenbush Smith

Footages	Qtr-Qtr	Section	Township	Range
F L F L			<u>159 N</u>	<u>87 W</u>
Field	Pool	County		

24-HOUR PRODUCTION RATE			
Before		After	
Oil	Bbls	Oil	Bbls
Water	Bbls	Water	Bbls
Gas	MCF	Gas	MCF

Name of Contractor(s)

Address City State Zip Code

### DETAILS OF WORK

Project lines extended to the Southeast

Company	Telephone Number
<u>Grant Geophysical</u>	<u>(402) 255-9388</u>
Address	
<u>11850 Park Row</u>	
City	State
<u>Houston</u>	<u>TX</u>
Zip Code	
<u>77084</u>	
Signature	Printed Name
<u>Michele Ohrt</u>	<u>Michele Ohrt</u>
Title	Date
<u>Permit Agent - (701) 321-1042</u>	<u>10/5/2005</u>

FOR STATE USE ONLY

<input type="checkbox"/> Received	<input checked="" type="checkbox"/> Approved
Date	<u>OCT 07 2005</u>
By	<u>Kelly [Signature]</u>
Title	<u>Permit Manager</u>



# West Greenbush

## Design Map and Summary



Survey Extended.osd

Receivers Line Summary:

Line_#	Tot	Total Mi	Avg_Dst feet
101	200	4.146	110.00
102	200	4.146	110.00
103	200	4.146	110.00
201	167	3.458	110.00
-----			
	767	15.896	110.00

Shots Line Summary:

Line_#	Tot	Total Mi	Avg_Dst feet
101	51	4.167	440.00
102	51	4.167	440.00
103	51	4.167	440.00
-----			
	153	12.500	440.00

Obstacle Summary:

Detour Summary:

09/28/05 - extend lines SE.

06/22/05 Requested Parameters

Group Interval: 110'

Source Interval: 440'

Swath shoot on lines 101, 102, 103

2D shoot on line 201



# 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 <b>Grant Geophysical Corp.</b>		Address <b>16850 Park Row Houston, TX 77084</b>	
Contact <b>Rick Scheetz</b>	Telephone <b>(281) 620-7041</b>	Fax <b>(406) 433-5245</b>	
Surety Company <b>RLI Insurance Co.</b>	Bond Amount <del>\$10,000.00</del> <b>\$ 50,000.00</b>	Bond Number <b>RLB 0002846-00002817</b>	
2) a. Subcontractor(s) <b>Dave Bohé Drilling</b>		Address <b>715 4th Street SE, Minot, ND 58701</b>	
b. Subcontractor(s)		Telephone <b>(701) 838-1640</b>	
c. Subcontractor(s)		Telephone	
3) Party Manager <b>Rick Scheetz</b>		Address <b>P.O. Box 507 Sidney, MT 59270</b>	
4) Project Name or Line Numbers <b>West Greenbush Swath</b>		Telephone <b>(281) 620-7041</b>	
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D) <b>Shot Hole/ Explosive 2-D</b>			
6) Approximate Drilling Start Date <b>August 31, 2005</b>		Approximate Completion Date <b>September 15, 2005</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>Ward</b>								
Section(s), Township(s) & Range(s)			Sec.	<b>10, 11, 12</b>	T.	<b>159N</b>	R.	<b>87W</b>
			Sec.	<b>13, 14, 15</b>	T.	<b>159N</b>	R.	<b>87W</b>
			Sec.	<b>24</b>	T.	<b>159N</b>	R.	<b>87W</b>
			Sec.		T.		R.	
8) Size of Hole	Amt of Charge	Depth	Shots per Mi. (sq.mi.)	No. of Mi. (sq.mi.)	Identifying Marks Used on Nonmetallic Plug			
<b>2 3/4 In.</b>	<b>5 Lbs.</b>	<b>60 Ft</b>	<b>12</b>	<b>2.5</b>	Geophysical ID	a. Plugger ID	b. Plugger ID	c. Plugger ID
					<b>SSG</b>			
9) Anticipated special drilling and plugging procedures?								
10) Enclose a pre-plot map with proposed location of seismic program lines and powder mag.								
Signed <i>Michelle Dhr</i>			Title <i>Permit Agent</i>			Date <i>8/15/2005</i>		
(This space for State office use)					Conditions of Approval if any			
Permit No. <b>97-0104</b>			Approval Date <b>8-18-05</b>			<i>See attached Letter</i>		
Approved by <i>Kelle Hill</i>								
Title								
County Approval Sent <i>Ward Co. 8-18-05</i>								

\*See Instructions On Reverse Side



# West Greenbush

## Design Map and Summary



Survey.osd

Receivers Line Summary:

Line_#	Tot	Total Mi	Avg_Dst feet
101	118	2.437	110.00
102	118	2.437	110.00
103	118	2.437	110.00
201	167	3.458	110.00
-----			
	521	10.771	110.00

Shots Line Summary:

Line_#	Tot	Total Mi	Avg_Dst feet
102	30	2.417	440.00
201	42	3.417	440.00
-----			
	72	5.833	440.00

Obstacle summary:

Detour Summary:

06/22/05 Requested Parameters

Group Interval: 110'

Source Interval: 440'

Swath shoot on lines 101, 102, 103

2D shoot on line 201

0 2000 4000 6000 8000 10000 12000  
Feet - 1:40000



# 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)

August 18, 2005

Mr. Rick Scheetz  
Grant Geophysical Corp.  
16850 Park Row  
Houston TX 77084

RE: Geophysical Exploration Permits # 97-0103 and #97-0104  
Berco 3D and West Greenbush Swath  
Williams and Ward Counties, 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 June 8, 2005. Please review the following conditions for your permit:

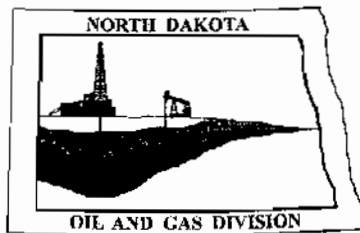
1. A pre-program meeting with state seismic inspector Tom Torstenson may be required. You must contact him at 701-227-7436 (w) or 701-290-1546 (cell) at least 24 hours prior to any exploration operations.
2. All variances for distance restrictions are to be furnished, and a pre-plot map displaying any 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 one half mile 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.

In an effort to improve surface owner awareness, it is required that you furnish copies of section 38-11.1 of the NDCC to any mineral developers with whom you contract so that they or their agents may distribute this notice to all surface owners located in, or within a one-half mile perimeter surrounding all seismic programs permitted in the future.

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,

Kelly Triplett  
Geophysical Regulation Supervisor



# 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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August 18, 2005

The Honorable Devra Smestad  
Ward County Auditor  
315 3<sup>rd</sup> St SE  
Minot, ND 58701

RE: Geophysical Exploration  
Permit # 97-0104

Dear Devra Smestad:

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 August 18, 2005 and will remain in effect for a period of one year.

Should you have any questions, please contact our office.

Sincerely,

Kelly Triplett  
Geophysical Regulation Supervisor