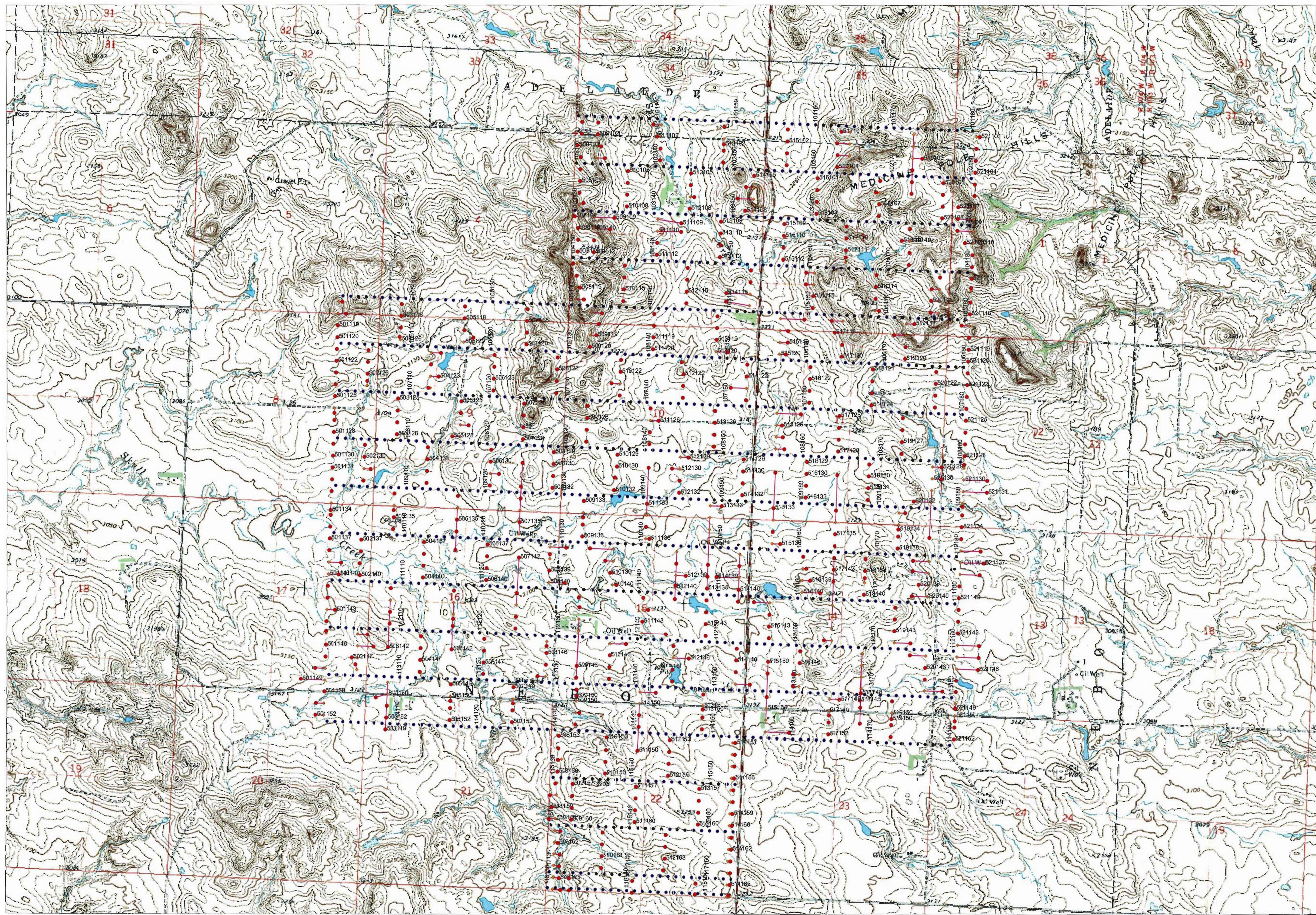
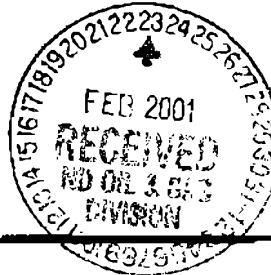


- ★ = Unshot Point
- = Source
- = Receiver





SEISMIC COMPLETION REPORT
 INDUSTRIAL COMMISSION OF NORTH DAKOTA
 OIL AND GAS DIVISION
 SPN 01458 (11-97)



600 E BOULEVARD AVE
 BISMARCK, ND 58605

PERMIT NO.: 97-0061

SHOT HOLE OPERATIONS: YES 10# @ 60' *NON-EXPLOSIVE OPERATIONS:

SECTION 1

GEOPHYSICAL CONTRACTOR: GRANT GEOPHYSICAL

PROJECT NAME AND NUMBER: MEDICINE HOLE HILLS 3-D COUNTY(S): BOWMAN

TOWNSHIP(S): T130 N & T131 N RANGE(S): R104 W

PERMITTED BY: MIKE LINDEN

DATE COMMENCED: 01-31-01 DATE COMPLETED: 02-15-01

SECTION 2

FIRST S.P. #: _____ LAST S.P. #: _____

LOADED HOLES (UNDETONATED SHOT POINTS):

S.P. #'s:																				
CHARGE SIZE:																				
DEPTH:																				

REASONS HOLES WERE NOT SHOT:
SEE ATTACHMENT

NOTE: ALL ORIGINAL LOCATIONS FOR WATERWELL OR BUILDINGS WERE WITHIN PERMIT BOUNDS.

SECTION 3

FLOWING HOLES
 S.P.#'s NONE

PROCEDURE FOR PLUGGING FLOWING HOLES:
BENTONITE TO ABOVE WATER LEVEL, THEN BENTONITE OR CUTTINGS, HOLE PLUG (MARKED WITH #6) DOWN HOLE @ 3 FEET. THE HOLE THEN FILLED WITH BENTONITE OR CUTTINGS.

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.

INDUSTRIAL COMMISSION OF NORTH DAKOTA
SFN 51456 (11-97) Page 2



AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

STATE OF NORTH DAKOTA)

COUNTY OF Bowman)

Before me, Shirley J. Strehlow, a Notary Public in and for the said County and State, this day personally appeared Dennis R. Suntjens 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.

DENNIS R. SUNTJENS
Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 15 day of Feb, 2001.

SHIRLEY J. STREHLOW
Notary Public, State of North Dakota
My Commission Expires 04-02-02
STATE OF NORTH DAKOTA
NOTARY PUBLIC SEAL

Notary Public Shirley J. Strehlow

My Commission Expires 04-02-02

AFFIDAVIT OF PLUGGING (HOLE PLUGGER)

STATE OF NORTH DAKOTA)
)
COUNTY OF Ward)

#61

Before me, Laurie Sickler, a Notary Public in and for the said County and State, this day personally appeared David Boho who being first duly sworn deposes and says that (s)he is employed by David Boho Drilling and Hole Plugging that (s)he has read North Dakota Century Code Section 38-08.1 and that the foregoing seismic project has been plugged in accordance with North Dakota Administrative Code Rule 43-02-12 and that the statements on the attached documents are true.

David Boho
Hole Plugger Representative

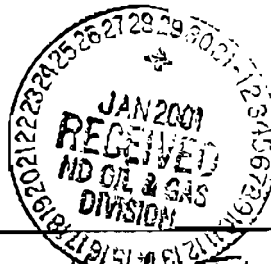
Subscribed in my presence and sworn before me this 1 day of May, 2001.

Notary Public Laurie Sickler

My Commission Expires May 31, 2003



GEOPHYSICAL EXPLORATION PERMIT
INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
 8PN 51459 (11-97)



800 E BOULEVARD AVE
 BISMARCK, ND 58505

1) a. Company: <i>Grant Geophysical</i>	Address: <i>16850 - Park Row, Houston, TX 77084</i>	
Contact: <i>Ron Rollins</i>	Telephone: <i>(281) 398-9503</i>	Fax: <i>(281) 398-9506</i>
Surety Company: <i>RLI Insurance Company</i>	Bond Amount: <i>\$ 50,000.00</i>	Bond Number: <i>RLB0002817</i>
2) a. Subcontractor(s): <i>Smith Surveying and Consulting</i>	Address: <i>219 - Round Mountain Rd, Bent, NM 88314</i>	Telephone: <i>(505) 671-9512</i>
b. Subcontractor(s): <i>Tumbleweed Drilling</i>	Address: <i>10120 - 11th Ave SE, Minot, ND 58701-2410</i>	Telephone: <i>(701) 624-5613</i>
c. Subcontractor(s): <i>George Rodgers</i>	Address:	Telephone:
3) Party Manager: <i>Dennis Santgens</i>	Address: <i>16850 - Park Row, Houston, TX 77084</i>	Telephone: <i>303-601-5188</i>
4) Project Name or Line Numbers: <i>Medicine Pole Hills 3D</i>		
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D): <i>Dynamite Shot Hole 3D</i>		
6) Approximate Drilling Start Date: <i>Jan 29, 2001</i>	Approximate Completion Date: <i>Feb 3, 2001</i>	

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

7) Location of Proposed Project - County <i>Bowman</i>			
Section(s), Township(s) & Range(s)	Sec. ^{10, 11, 12, 13} <i>20, 12, 16, 15, 14, 13, 11</i>	T <i>130 N</i>	R <i>104 W</i>
	Sec. <i>34, 35</i>	T <i>130 N</i>	R <i>104 W</i>
	Sec.	T <i>not 129</i>	R
	Sec.	T	R
8) Size of Hole	Amt. of Charge <i>10 lb.</i>	Depth <i>60 ft.</i>	Shots per Mi. (eq. mi.) <i>54.7</i>
			No. of MI. (eq. mi.) <i>9.58</i>
Identifying Marks Used on Nonmetallic Plug Geophysical ID a. Plugger ID b. Plugger ID c. Plugger ID			
9) Anticipated special drilling and plugging procedures? <i>None.</i>			
10) Enclose a pre-plot map with proposed location of seismic program lines and powder mag.			
Signed: <i>[Signature]</i>	Title: <i>Operations Manager</i>	Date: <i>Jan 25, 2001</i>	

(This space for State office use)

Permit No.: <i>97-0061</i>	Approval Date: <i>1-26-01</i>
Approved By: <i>Kim J. Martin</i>	
Title: <i>Seismic Field Rep</i>	
County Approval Sent: <i>Sheriff - Bowman City</i>	

Conditions of Approval if any:
 Identify surface plug w/ #61 and Driller or Plugger ID. Notify surface owner, county, and state field rep. 24 hrs prior to drilling. All variance must be furnished upon request.

*See Instructions On Reverse Side

KM 1-26-01

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Lynn D. Helms
DIRECTOR

<http://explorer.ndic.state.nd.us>

Bruce E. Hicks
ASSISTANT DIRECTOR

February 5, 2001

Ron Rollins
Grant Geophysical Corp.
16850 Park Row
Houston TX 77084

RE: GEOPHYSICAL EXPLORATION PERMIT NO. 97-0061
MEDICINE POLE HILLS 3D
BOWMAN CO

Dear Mr. Rollins:

This letter will verify the approval of the above-captioned Geophysical Permits effective January 26, 2001.

Please feel free to contact Mr. David Hvinden, Geophysical Regulation Supervisor if you should have any questions.

Sincerely,



Marge Rixen
Legal Assistant

/mr