



MIT NO.: 97-0078

SHOT HOLE OPERATIONS: *NON-EXPLOSIVE OPERATIONS LIBENSIES 3-D

SECTION 1

GEOPHYSICAL CONTRACTOR: Grant Geophysical

PROJECT NAME AND NUMBER: Baker 3-D COUNTY(S): McKENZIE

TOWNSHIP(S): T152N - T153N RANGE(S): R101W

PERMITTED BY: Stephen Boyle

DATE COMMENCED: 02-01-03 DATE COMPLETED: 02-10-03

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
 S.P.#'s

PROCEDURE FOR PLUGGING FLOWING HOLES:

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 local location.

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

AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

STATE OF NORTH DAKOTA)
)
COUNTY OF Williams)



Before me, Donna A. Popp, a Notary Public in and for the said County and State, this day personally appeared Leslie J. Wright who being first duly sworn, deposes and says that (s)he is employed by Solid State 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.

Leslie J. Wright
Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 28th day of February, 2003.

DONNA A. POPP
Notary Public
State of North Dakota
My Commission Expires Dec. 10, 2008

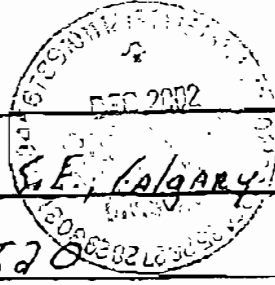
Notary Public Donna A. Popp

My Commission Expires 12-10-08



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

800 E BOULEVARD AVE
 BISMARCK, ND 58505



1) a. Company: *Grant Geophysical Corp. as per 58 12/17/02*
Solid State Geophysical Inc. Address: *7309 Flint Rd. S.E., Calgary, Alberta T2H 1G3*

Contact: *Stephen Boyle* Telephone: *(406) 433-1520* Fax: *(406) 433-5245*

Surety Company: *RLI Ins Co* Bond Amount: *50,000* Bond Number: *RLB0002817*

2) a. Subcontractor(s): - Address: - Telephone: -

b. Subcontractor(s): - Address: - Telephone: -

c. Subcontractor(s): - Address: - Telephone: -

3) Party Manager: *Rick Scheetz* Address: *601 S. Central, Sidney MT 59270* Telephone: *(406) 390-2284*

4) Project Name or Line Numbers: *Baker 3-D*

5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D): *Vibe survey - Non-Explosive 2-D*

6) Approximate Starting Date: *Jan 10, 03* Approximate Completion Date: *Jan 31, 03*

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

7) Location of Proposed Project - County: *McKenzie Co. ND*

Section(s), Township(s) & Range(s)	Sec.	T	R
	<i>33, 34</i>	<i>T 153 N</i>	<i>R 101 W</i>
	<i>2, 3, 4, 5, 9, 10, 11</i>	<i>T 152 N</i>	<i>R 101 W</i>
	<i>12, 14, 15</i>	<i>T 152 N</i>	<i>R 101 W</i>
	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			
					Geophysical ID	a. Plugger ID	b. Plugger ID	c. Plugger ID
<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>6</i>				

9) Anticipated special drilling and plugging procedures? *N/A*

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

Signed: *Stephen Boyle* Title: *Permit Agent* Date: *12-6-02*

(This space for State office use)

Permit No.: *970078* Approval Date: *12/18/02*

Approved By: *Wendell E. Lundin*

Title: *Geophysical Regulator Supervisor*

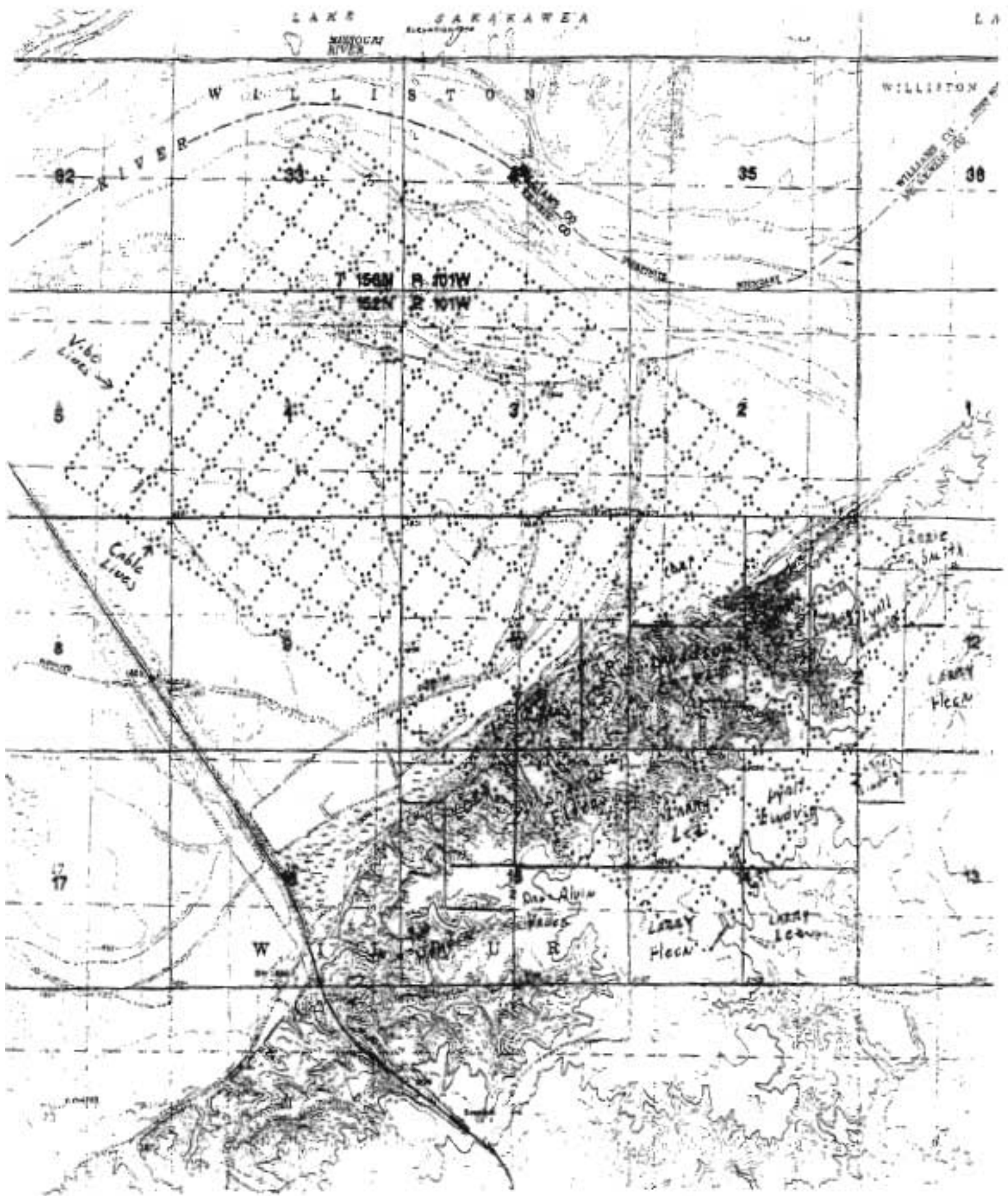
County Approval Sent: *McKenzie Co. Auditor 12/18/02*

Conditions of Approval if any:
NOTIFY THE COUNTY & LANDOWNERS 3 DAY IN ADVANCE OF OPERATIONS AND CONTACT STATE FIELD INSPECTOR TOM TORSTENSON 701-227-7436 AT LEAST 24 HRS PRIOR TO OPERATIONS

Wendell E. Lundin 12/18/02

*See Instructions On Reverse Side

Cable Lines NE to SW



NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Lynn D. Helms
DIRECTOR

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

Bruce E. Hicks
ASSISTANT DIRECTOR

December 17, 2002

Mr, Stephen Boyle
Solid State Geophysical Inc dba Grant Geophysical
601 S. Central
Sidney, MT 59270

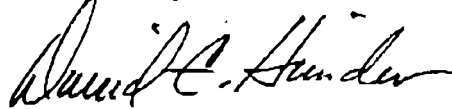
RE: Geophysical Exploration
Permit # 97-0078

Dear Mr. Boyle:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that Grant Geophysical Corporation was issued the above captioned permits on December 17, 2002 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

NORTH DAKOTA INDUSTRIAL COMMISSION

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Bruce E. Hicks
ASSISTANT DIRECTOR

December 17, 2002

The Honorable Frances M. Olson
McKenzie County Auditor
P.O. Box 543
Watford City, ND 58854

RE: Geophysical Exploration
Permit # 97-0078

Dear Ms. Olson:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that Grant Geophysical Corporation was issued the above captioned permits on December 17, 2002 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

**Solid State Geophysical
Room 159
601 S Central
Sidney, Mt. 59270
(406) 433-1520 Rm. 159**



**LC.N.D.
Oil and Gas Division
At: Dave Vhinden**

Dave,

Enclosed is our permit, map, and permit fee for the McKinzie Co. ND job we hope to start in early Jan. 2003. This will be a 3-D vibrosies survey using 2 buggy type vibrators. Crew 953 that did the short job along the road north of Minot a few months ago will also be doing this job. If the weather holds this job should only take a week or two. If you have any questions please call me.

Sincerely Yours,

**Stephen Boyle
(406) 433-1520**