

PRELIMINARY PLAN
NORTH DAKOTA 3D
 TWP 155 N - 156 N, RGE 92 W (NAD 27, UTM ZONE 13)

COMPANY: Grant Geophysical Corp.
 ENERGY SOURCE: Dynamite EQUIPMENT: Wheeled, Tracked

TOTAL SOURCE: 26.17 mi TOTAL RECEIVER: 37.06 mi
 COMMENCEMENT: 02 Oct. 2003 COMPLETION: 07 Dec. 2003

TOTAL PROGRAM: 63.23 mi
 AREA: 7.84 sq mi

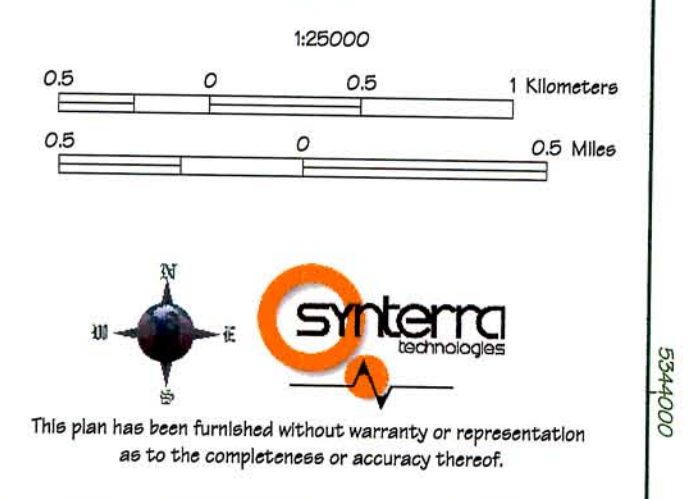
— 26.17 mi - Cross-Country Source
 — 37.06 mi - Cross-Country Receiver

ACCESS: Public Roads

Note: Registration of base map is best fit. Some deviation between raster and vector data may be present.

SCALE: 1:25000
 PREPARED BY: MDW
 DATE: 30 September 2003 ver. 2
 SYNTERRA TECHNOLOGIES LTD. File: 031176

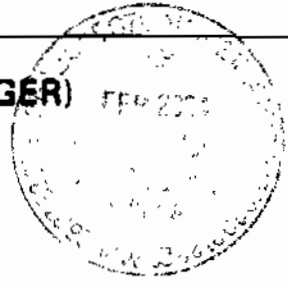
Program Map Approved By:



This plan has been furnished without warranty or representation as to the completeness or accuracy thereof.

970085

AFFIDAVIT OF PLUGGING (HOLE PLUGGER)



STATE OF NORTH DAKOTA)
)
)
COUNTY OF MOUNT RAINIER)

#85

Before me, Sheri E. Nuttins, a Notary Public in and for the said County and State, this day personally appeared C. N.

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

Cherise E. Grieth
Hole Plugger Representative

Subscribed in my presence and sworn before me this 5th day of February, 2004.



NOTARY PUBLIC MONTANA
Residing in Billings, MT
My Comm. Expires Sept. 25, 2007

Notary Public

Sheri E. Nuttins

My Commission Expires 09-25-2007

SEISMIC HOLE PLUGGING REPORT

Blowouts - Dead Caps

CLIENT COMPANY Solid States
 HOLE PLUGGING CONTRACTOR Bohe
 PROSPECT North Dakota 3D (Ross)

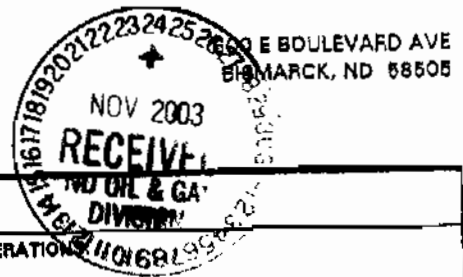


DATE 11-09-03
 PERMIT NO. B-85

LINE NO.	S.P. NO.	HOLE DEPTH	DRILL TYPE <small>Conventional-Auger Buggy-Portable</small>	WET/DRY	BENT SX.	BENT CAPSULES	CAPSULE SIZE <small>Diameter x Length</small>	PLUG DEPTH	REMARKS <small>Hole Bridged, Thick Mud, etc.</small>
1	115	16x3	A		0				1, 2, 3 A, B, C Holes
2	119	16x3	A		0				A-1 Hole.
3	123	16x3	A		0				A-1 Hole
4	134	16x3	A		0				C-3 Hole.
5									
6	Went to job site on Sunday to check the blow outs out there were big chunks of ground.								
7	were it just kind as was pushed ground up. Had a long bar bar (steel) found holes that were.								
8	drilled did not find any open holes just found where ground had moved. Took my pickup								
9	dropped the blade pushed all loose ground up and then kept backing up and dragging								
10	clumps and busting them. Then I took and rebladed the whole point								
11	S.P. 134	A. Hole was listed has a blow out but I couldn't find the problem.							
12									
13				Dead Caps					
14	119	16x3	A		0				C-3 Hole Dead.
15	150	16x3	A		0				C-3 Hole Dead.
16	172	16x3	A		0				C-3 Hole Dead.
17									
18				Drill Contractor's					
19	Nestler - Line 19 - Shot Points			115, 119, 123					
20	Bohe - Line 19 - Shot Point			123					
21	Summitt - Line 19 - Shot Point			150, 172					

Signed: _____
(Driller)

(Project Manager)



PERMIT NO.: 970085

SHOT HOLE OPERATIONS: *NON-EXPLOSIVE OPERATIONS

SECTION 1

GEOPHYSICAL CONTRACTOR: Grant Geophysical Corp

PROJECT NAME AND NUMBER: North Dakota 3-D #11184 COUNTY(S):

TOWNSHIP(S): 155 N RANGE(S): 92 W

PERMITTED BY: Monty Erickson

DATE COMMENCED: 11-04-03 DATE COMPLETED: 11-08-03

SECTION 2

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

LOADED HOLES (UNDETONATED SHOT POINTS)

S.P. #'s:	#3 21-179	#3 21-184	#3 23-137	#1 23-121	#3 23-155	25-114	#1 #1 19-131 & 132	#1 11-126	#1 11-149	#1 7-186	#1 15-172
CHARGE SIZE::	116	116	116	116	116	116	116	116	116	116	116
DEPTH:	12'		10'								

REASONS HOLES WERE NOT SHOT: All charges lost down hole.

7-140 116

7-120 116

7-127 116

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.



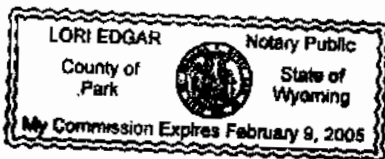
AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

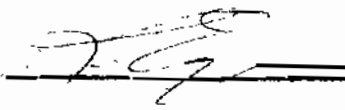
Wyoming
STATE OF ~~NORTH DAKOTA~~)
)
COUNTY OF Park)

Before me, Lori Edgar, a Notary Public in and for the said County and State, this day personally appeared RICKIE A SHEETS 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.


Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 19 day of November, 2003.



Notary Public 

My Commission Expires 2-9-05

970085

AFFIDAVIT OF PLUGGING (HOLE PLUGGER)

STATE OF NORTH DAKOTA)
)
COUNTY OF WARD)

*sent logs to TT for review
not input in database 11/6/03*

Before me, DIANN BRIGGS, a Notary Public in and for the said
County and State, this day personally appeared DAVID BOHE
who being first duly sworn, deposes and says that (s)he is employed by
DAVE BOHE DRILLING & 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 Bohé
Hole Plugger Representative

Subscribed in my presence and sworn before me this 3RD day of NOVEMBER, 2003

Notary Public Diann Briggs

My Commission Expires 1-31-08





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 12850 Park Row, Houston, Tx. 77084	
Contact Trent Middleton		Telephone (403) 255-9388	Fax (403) 255-4697
Surety Company RLI Insurance Co.		Bond Amount \$50,000.00	Bond Number RLB 00002817
2) a. Subcontractor(s) Erickson Contract Surveys		Address 1101-5St, Sidney, Montana 59270	
b. Subcontractor(s) Drillers to be determined		Telephone (406) 482-6606	
c. Subcontractor(s)		Telephone	
3) Party Manager Rick Sheetz		Address 521-1St, Havre, Montana 59501	
Telephone (281) 620-7041			
4) Project Name or Line Numbers North Dakota 3D			
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D) Shot Hole 3D			
6) Approximate Drilling Start Date October 2, 2003		Approximate Completion Date December 7, 2003	

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. 3,4,5,6,8,9,	T. 155	R. 92W
	Sec. 10,15,16,17,18	T. 155	R. 92W
	Sec. 31,32,33,34	T. 156	R. 92W
	Sec.	T.	R.

8) Size of Hole 4 3/4"	Amt of Charge 3 x 1lb	Depth 16'	Shots per Mi. (sq.mi.) 90	No of Mi. (sq.mi.) 7.84	Identifying Marks Used on Nonmetallic Plug			
					Geophysical ID	a. Plugger ID	b. Plugger ID	c. Plugger ID

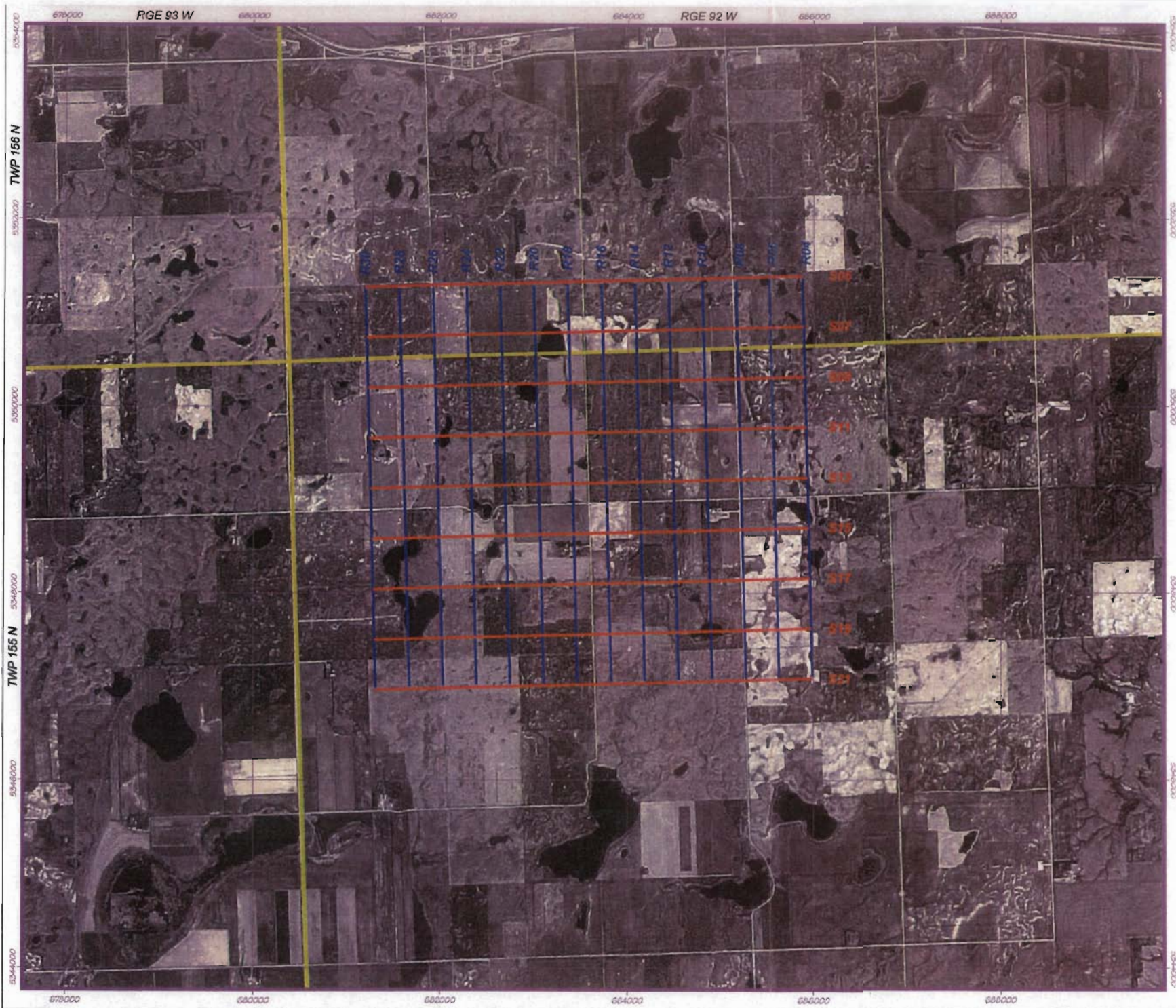
9) Anticipated special drilling and plugging procedures?
Mountrail County
1 plug / 3 min's as per DPole

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

Signed <i>A Bull</i>	Title RESIDENT	Date Sept 30/03
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Permit No. 970085	Approval Date 10/1/03	Conditions of Approval if any <i>Identify surface plug w/ ES and d/p ID Notify surface owner, tenant, county, and state inspector Tom Torstenson @ 701-227-7436 prior to any drilling. All permits and variances must be furnished upon request and SES-PA should be filed w/ completion report w/in 30 days of completion. Dated 10/1/03</i>
Approved by <i>David E. Hinder</i>		
Title Geophysical Regulation Supervisor		
County Approval Sent <i>Mountrail 10/1/03</i>		

do not thinning - 2003



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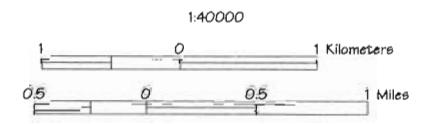
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Program Map Approved By:



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NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Lynn D. Helms
DIRECTOR

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

Bruce E. Hicks
ASSISTANT DIRECTOR

October 2, 2003

Trent Middleton
Grant Geophysical
12850 Park Row
Houston TX 77084


RE: GEOPHYSICAL EXPLORATION PERMIT NO. 97-0085
NORTH DAKOTA 3D, MOUNTRAIL CO.

Dear Mr. Middleton:

This letter will verify the approval of the above-captioned Geophysical Permit effective October 2, 2003.

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

Sincerely,



Marge Rixen
Legal Assistant

/mr

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Lynn D. Helms
DIRECTOR

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

Bruce E. Hicks
ASSISTANT DIRECTOR

October 1, 2003

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

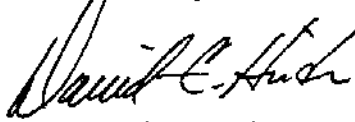
RE: Geophysical Exploration
Permit # 97-0085

Dear Ms. Eliason:

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 permit on October 1, 2003 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