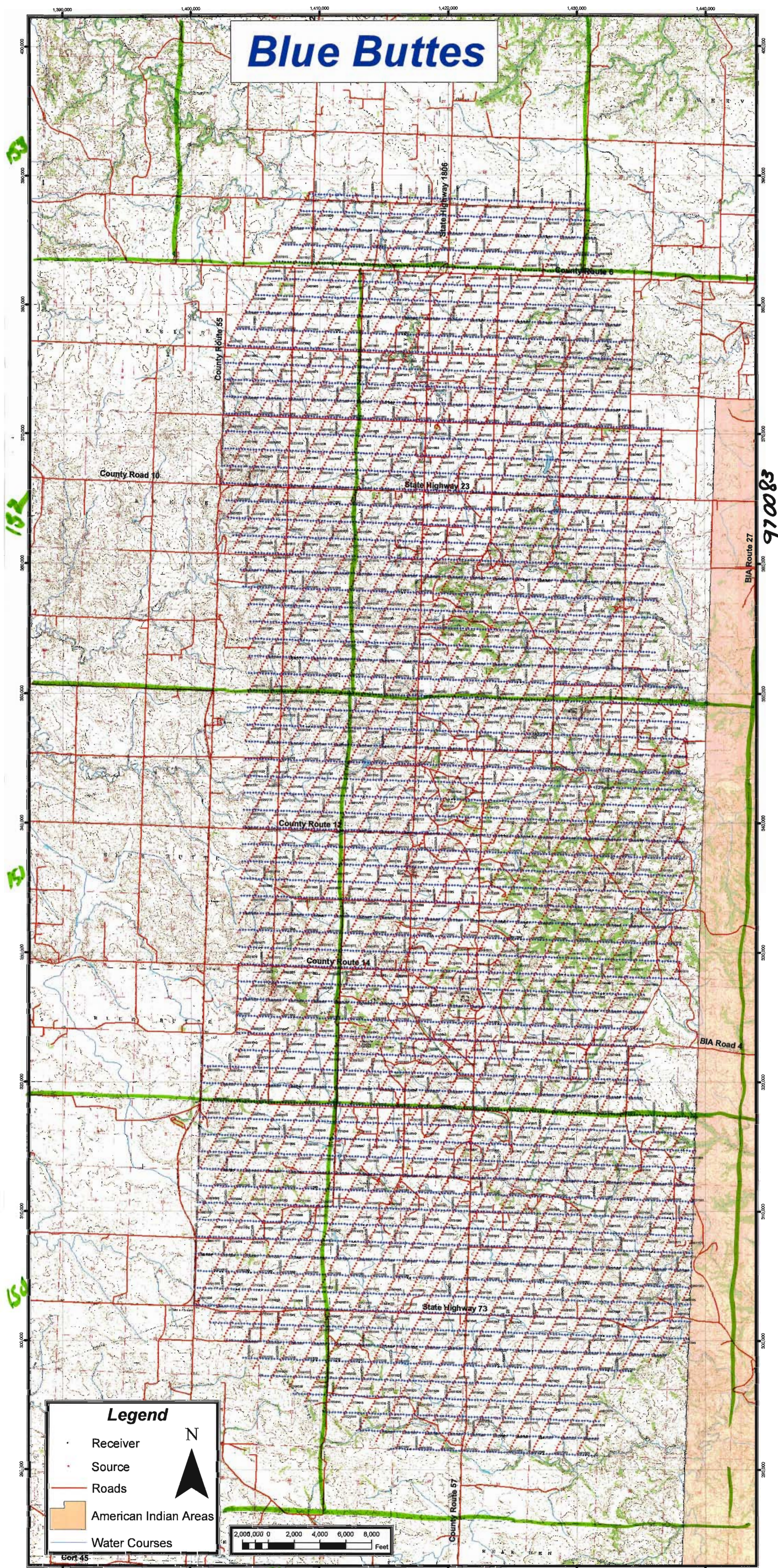


Blue Buttes



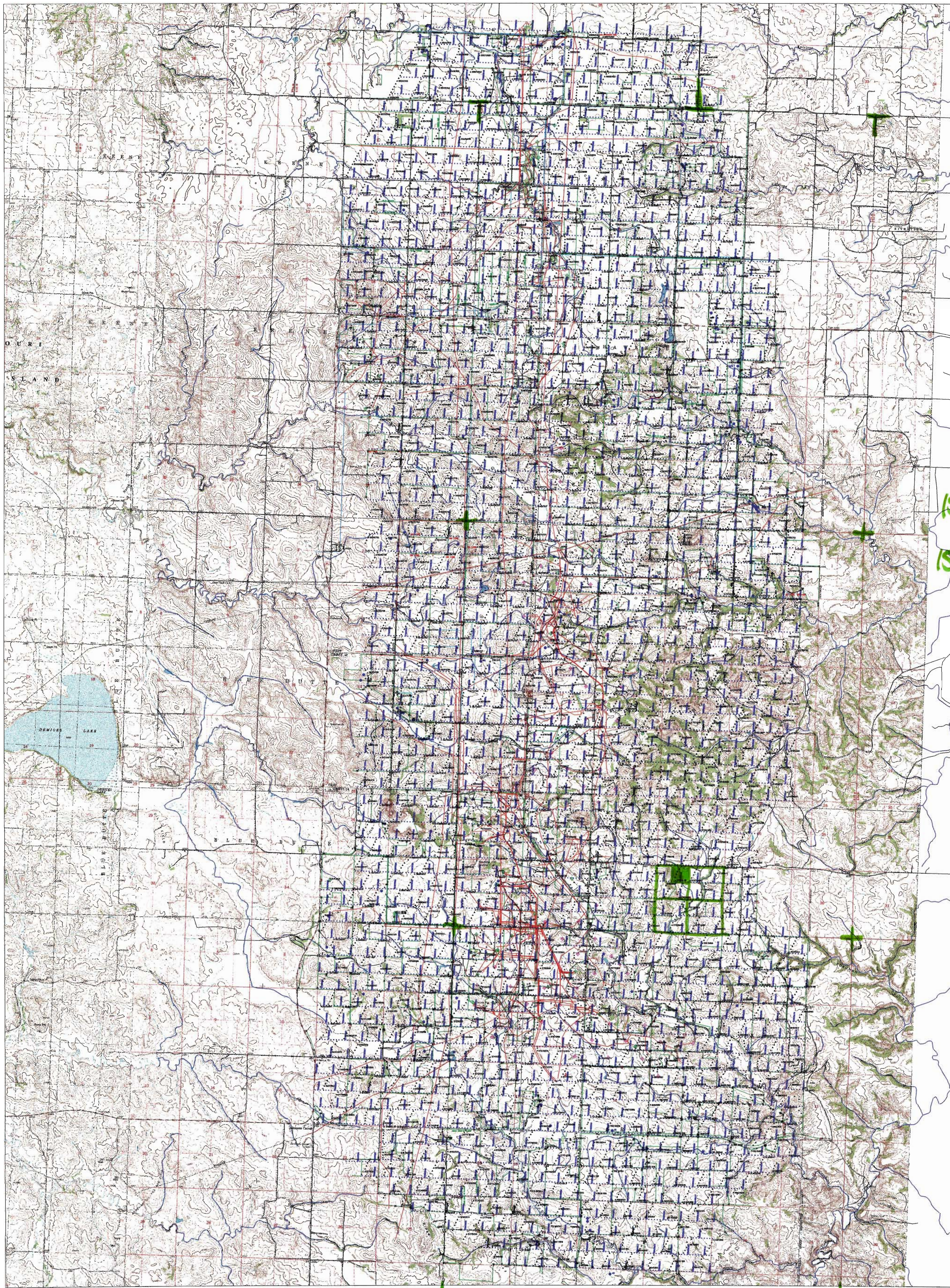
Legend

- Receiver
- Source
- Roads
- American Indian Areas
- Water Courses



Cont 45

970083



152
151

SYMBOLS:	LEGEND	ZONES:
RECEIVER POINT: *	LINE CLASSIFICATION:	NO SURFACE PERMIT
VIBRATOR POINT: *	ROAD	NO MINERALS
SHOETOLE: *	UNIMPROVED	NO FLY ZONE
GATE: *	TRAIL	SUBDIVISION
OIL/GAS WELL: *	PIPING	WATER
ABANDONED WELL: *	FENCE	SWAMP
WATER WELL: *	POWERLINE	MUDFLAT
WINDMILL: *	RAILROAD	REFINERY/TANKFARM
HOUSE: *		
SHED OR BARN: *		
SURVEY CONTROL: *		
HAZARD: *		

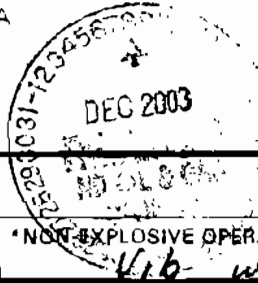
VERITAS
Geophysical Integrity

DEC 2003
RECEIVED
NO. 001 5 6145
D. WOOD

Amarada Hess
Blue Butte 3D
McKenzie County North Dakota

Coordinates in NAD 83, State Plane, North Dakota North Zone.

Plot date: 12/04/03	
Plot time: 9:53 AM	



PERMIT NO.: 970083

SHOT HOLE OPERATIONS: _____

*NON-EXPLOSIVE OPERATIONS: Vib with Drill infill

SECTION 1

GEOPHYSICAL CONTRACTOR: _____

PROJECT NAME AND NUMBER: Veritas DGC LAND

TOWNSHIP(S): Blue Buttes 3D COUNTY(S): Mckenzie

RANGE(S): 150 - 153 N 95 + 96 W

DRILLING & PLUGGING CONTRACTORS: Exploration Drilling

DATE COMMENCED: Oct 17/03 DATE COMPLETED: _____

SECTION 2

FIRST S.P. #: 3 D Program LAST S.P. #: _____

LOADED HOLES (UNDETONATED SHOT POINTS) Anomaly list provided.

S.P. #'s:																				
CHARGE SIZE::	<u>10lbs</u>																			
DEPTH:	<u>60'</u>																			

REASONS HOLES WERE NOT SHOT:
REFER TO ANOMALY LIST.

SECTION 3

FLOWING HOLES AND/OR BLOWOUTS:
 S.P.#'s Refer to anomaly list

PROCEDURE FOR PLUGGING FLOWING HOLES: AND/OR BLOWOUTS:
Exploration Drilling will re visit sites + plug holes to spec.

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)

COUNTY OF McKenzie)

Before me, Dale R. Patten, a Notary Public in and for the said County and State, this day personally appeared Trevor Krauss who being first duly sworn, deposes and says that (s)he is employed by VERITAS DGC LAND, 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.

[Signature]
Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 3rd day of December, 2003.

Notary Public [Signature]

DALE R PATTEN
Notary Public
State of North Dakota
My Commission Expires June 4, 2008

My Commission Expires _____

Shot hole Anomolies

Blue Buttes 3D

<u>Line</u>	<u>Shot</u>	<u>COMMENTS</u>
5773	1657	NOT SHOT, TOO CLOSE TO SPRING
5773	1656	NOT SHOT, TOO CLOSE TO SPRING
5773	1655	NOT SHOT, TOO CLOSE TO SPRING
5773	1654	NOT SHOT, TOO CLOSE TO SPRING
5733	1735	NOT LOCATED
5733	1701	BAD CAP NO DENTONATION
5781	1716	BLOW OUT
5749	1702	BLOW OUT
5749	1674	BLOW OUT



GEOPHYSICAL EXPLORATION PERMIT
INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
 SFN 51469 (11-97)

800 E BOULEVARD AVE
 BISMARCK, ND 58505



Land, etc

1) a. Company: <i>Veritas DGC E</i>	Address: <i>10360 Town Park Dr. Houston TX 77072</i>	Fax: <i>(701) 842-3411</i>
Contact: <i>Stephen Boyle</i>	Telephone: <i>(701) 842-3686 Tm 50</i>	
Surety Company:	Bond Amount:	Bond Number:
2) a. Subcontractor(s): —	Address:	Telephone:
b. Subcontractor(s): —	Address:	Telephone:
c. Subcontractor(s): —	Address:	Telephone:
3) Party Manager:	Address:	Telephone:
4) Project Name or Line Numbers: <i>Blue Bottes 3-D</i>		
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D): <i>Non-Explosive 3-D</i>		
8) Approximate Drilling Start Date: <i>Oct 2003</i>	Approximate Completion Date: <i>Feb 2004</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>McKenzie 26-20 31-35</i>												
Section(s), Township(s) & Range(s) <i>T150N-R96W sec 1, 2, 11, 12, 13, 14, 23, 24</i> <i>T150N-R95W sec 1-23, 27-30</i> <i>T153N-R96W sec 32, 33, 34, 35, 36</i>	Sec. <i>3-6 7-10, 15-18, 19, 23</i>	T <i>152 N</i>	R <i>95 W</i>									
	Sec. <i>2-6 7-10, 15-18, 19, 23, 26, 35</i>	T <i>152 N</i>	R <i>96 W</i>									
	Sec. <i>2-11, 14, 23, 26-35</i>	T <i>151 N</i>	R <i>96 W</i>									
	Sec. <i>2-11, 14, 23, 26-35</i>	T <i>151 N</i>	R <i>95 W</i>									
8) Size of Hole	Amt. of Charge	Depth	Shots per Mi. (sq. mi.)	No. of Mi. (sq. mi.)	Identifying Marks Used on Nonmetallic Plug							
—	—	—	—	<i>114</i>	Geophysical ID	a. Plugger ID	b. Plugger ID	c. Plugger ID				
									—	—	—	—

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>Stephen Boyle</i>	Title: <i>Contact Permit Agent</i>	Date: <i>May 1 2003</i>
(This space for State office use)		Conditions of Approval if any:
Permit No.: <i>970083</i>	Approval Date: <i>6/16/03</i>	<i>Notify county, landowners and state field representative (not otherwise 701-777-7436 prior to any operations.</i> <i>6/16/03</i>
Approved By: <i>David E. Hill</i>		
Title: <i>Geophysical Regulation Supervisor</i>		
County Approval Sent: <i>6/16/03 McKenzie Co. ND</i>		

*See Instructions On Reverse Side

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Lynn D. Helms
DIRECTOR

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

Bruce E. Hicks
ASSISTANT DIRECTOR

June 16, 2003

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

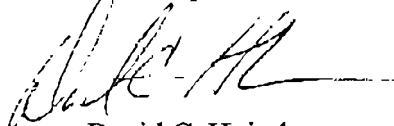
RE: Geophysical Exploration
Permit # 97-0083

Dear Ms. Olson:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that Veritas DGC Land was issued the above captioned permits on June 16, 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

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Lynn D. Helms
DIRECTOR

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

Bruce E. Hicks
ASSISTANT DIRECTOR

June 16, 2003

Stephen Boyle
Veritas DGC Land
10300 Town Park Drive
Houston TX 77072

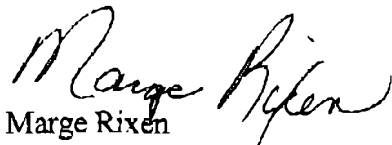
**RE: GEOPHYSICAL EXPLORATION PERMIT NO. 97-0083
BLUE BUTTES 3-D
MCKENZIE COUNTY NORTH DAKOTA**

Dear Mr. Boyle:

This letter will verify the approval of the above-captioned Geophysical Permits effective June 19, 2003.

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

Sincerely,



Marge Rixen
Legal Assistant

/mr

Enc.