

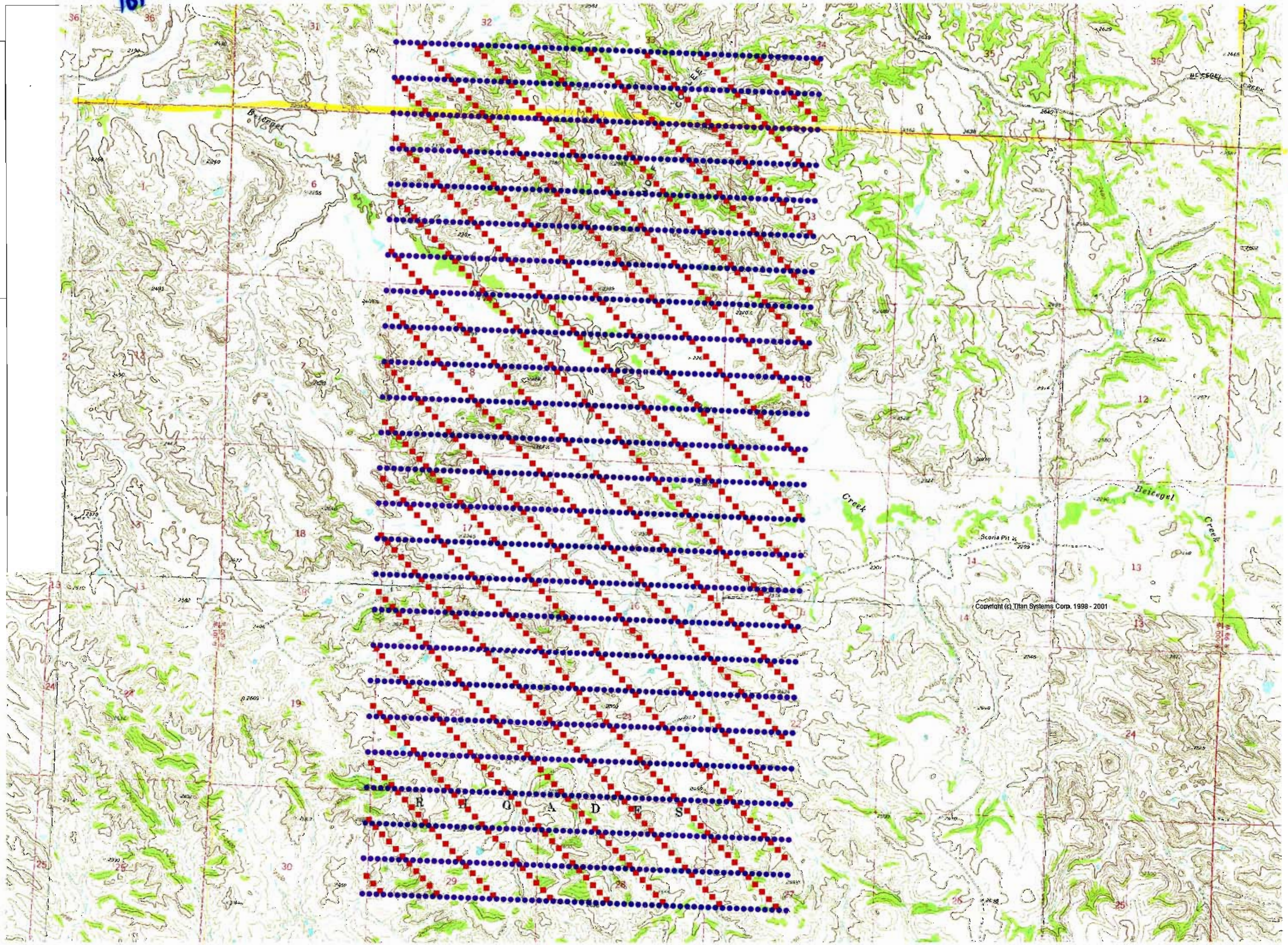
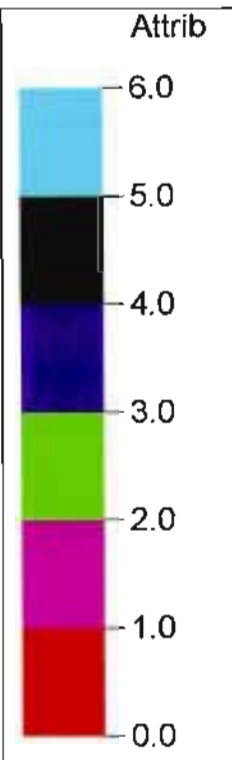
970081

1:24000

CAMWEST EXPLORATION RHOADES 3D - OPT #01 - GRID PLOT

100

99



146

145

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Dynamite Anomalies

Program: Rhodes 3-D
Job Number: 58326

Shot Point	Swath Number	Problem	Driller	Blow Out	Plugged	Comments
39811429	Swath 14	Bad Cap	Yanlock Jr.			
34481378				Blowout	Yes	
34481377				Blowout	Yes	
34481376				Blowout	Yes	
34371364				Blowout	Yes	
34371361				Blowout	Yes	
34371362				Blowout	Yes	
34371363				Blowout	Yes	
34211379				Crater	Yes	
34011374				Blowout	Yes	
34451363				Blowout	Yes	
34131381				Blowout	Yes	
34121382				Blowout	Yes	
34211372		Swath 2			Blowout	Yes
34371368				Blowout	Yes	
34371366				Blowout	Yes	
34371367				Blowout	Yes	
34131369				Blowout	Yes	
34131368				Blowout	Yes	
34521367				Blowout	Yes	
34131371				Blowout	Yes	
34521368				Crater	Yes	
34131376				Blowout	Yes	
34131365				Blowout	Yes	
34051361				Blowout	Yes	
34021363				Blowout	Yes	
33871478				Blowout	Yes	
33251464		Bad Cap				
34831418		Bad Cap				



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 VERITAS DGC LAND		Address 511 16th STREET, SUITE 300 Denver, CO 80202	
Contact SCOTT HOENMANS		Telephone 303-573-7011 x233	Fax 303-623-9390
Surety Company SAFECO INS. Co. OF AMERICA		Bond Amount \$50,00000	Bond Number 5766786
2) a. Subcontractor(s) EXPLORATION DRILLING, INC. ROUTE 2, Box 215, SENECA, MT		Address 59290	
b. Subcontractor(s)		Telephone 406-482-3356	
c. Subcontractor(s)		Telephone	
3) Party Manager KIM HARTZELL		Address 511 16th St. Ste 300, Denver CO 80202	
4) Project Name or Line Numbers RHOANES 3D		Telephone 303-573-7011 x233	
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D) SHOT HOLE - 3D			
6) Approximate Drilling Start Date MAY 5, 2003		Approximate Completion Date	

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.				
Section(s), Township(s) & Range(s)		Sec. 32-34	T. 146N	R. 100W
		Sec. 3-5, 8-10	T. 145N	R. 100W
		Sec. 15-17, 20-22, 29-31	T.	R.
		Sec.	T.	R.
		Sec.	T.	R.
8) Size of Hole 4 3/4"	Amt of Charge 5 LBS	Depth 60'	Shots per Mi. (sq.mi.) ~72/sq.	No. of Mi. (sq.mi.) 12.5
Identifying Marks Used on Nonmetallic Plug				
		Geophysical ID VDGC	a. Plugger ID EDI	b. Plugger ID
			c. Plugger ID	
9) Anticipated special drilling and plugging procedures? NONE ANTICIPATED				
10) Enclose a pre-plot map with proposed location of seismic program lines and powder mag. SEE ENCLOSED MAP FOR LINE LOCATIONS - POWDER MAG. LOCATION YET TBD.				
Signed <i>Scott Hoenmans</i>		Title OPERATIONS SUPERVISOR / GEOPH		Date 4/11/03
(This space for State office use)				
Permit No. 970081		Approval Date 4/23/03		
Approved by <i>David E. Huder</i>		Conditions of Approval if any Identify surface plug w/ #81 or D & P ID Notify surface owner, tenant, county and the state field inspector Tom Trueman @ 701-227-7436 prior to any drilling. All permits and various must be furnished upon request and SE6-P1 should be sent in w/ completion reports. <i>4/23/03</i>		
Title <i>Geophysical Regulation Supervisor</i>				
County Approval Sent <i>McKenzie Co.</i>				

*See Instructions On Reverse Side

3D FIELD DESIGN



DESIGN GROUP
DENVER CO.

DATE: 11-Apr-03

CLIENT: CamWest Exploration LLC

PROJECT NAME: Rhoades 3D OPTION: 1 STATE: ND
 LOCATION: TWP: 145N - 146N RGE: 100W - 0 COUNTY: McKenzie
 BIN SIZE: 110 X 110 ft DESIGN LAYOUT: DIAGONAL

SOURCE INFORMATION

SOURCE AREA 0 mi² Federal Surface 756 Federal Minerals 459
 LINE ORIENTATION: NW - SE
 SOURCE INTERVAL: 311.127 ft 220ft @ 45 degrees
 SOURCE LINE INTERVAL: 1244.508 ft 1760ft @ 45 degrees
 NO. SOURCE POINTS: 900
 NO. OF SOURCE LINES: 23
 MILES OF SOURCE LINE 51.678 mi 43.19 mi 25.69
 SOURCE TYPE: DYN 5lbs @ 40ft/60ft

RECEIVER INFORMATION

RECEIVER AREA 12.5 mi²
 LINE ORIENTATION: E - W
 RECEIVER INTERVAL: 220 ft
 RECEIVER LINE INTERVAL: 1100 ft
 NO. OF RECEIVER POINTS: 1525
 NO. RECEIVER LINES: 25
 MILES OF RECEIVER LINE 62.500 mi
 LONGEST RECEIVER LINE 61

TEMPLATE PATTERN INFORMATION

NO. CHANNELS RECORDED: 1152
 PATTERN LAY OUT: 12 X 96
 PATTERN DIMENSIONS: N - S 12100 ft E - W 20900 ft
 RECORDING OFFSETS: INLINE 10450 ft CROSSLINE 6050 ft OBLIQUE 12075 ft

OFFSET 1	<u>0 - 8000 ft</u>	FOLD	<u>23 - 26</u>
OFFSET 2	<u>0 - 10000 ft</u>	FOLD	<u>30 - 33</u>
OFFSET 3	<u>0 - 13000 ft</u>	FOLD	<u>36 - 0</u>
OFFSET 4	<u>0 - 0 ft</u>	FOLD	<u>0 - 0</u>
OFFSET 5	<u>0 - 12301 ft</u>	FOLD	<u>36 - 0</u>

ROLL ON/OFF:	
YES	Stations
YES	Lines
NO	Live Shoot

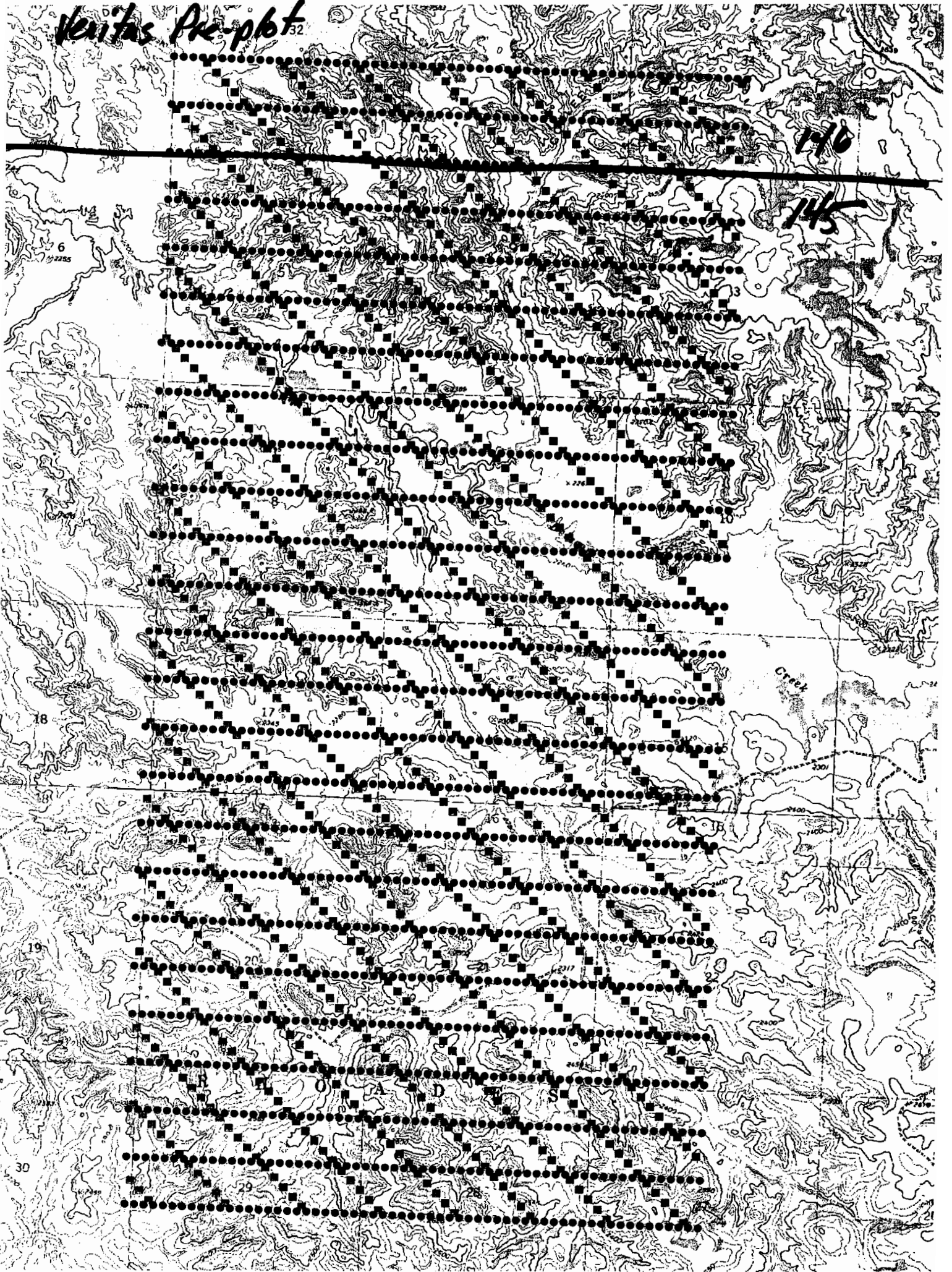
#970081

PLOT

Rhoades 3-D

100

Veritas Pre-plot³²



NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Lynn D. Helms
DIRECTOR

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

Bruce E. Hicks
ASSISTANT DIRECTOR

April 23, 2003

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

RE: Geophysical Exploration
Permit # 97-0081

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 April 22, 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

April 22, 2003

Scott Hoenmans
Veritas DGC Land
511-6th St Ste 300
Denver CO 80202

**RE: GEOPHYSICAL EXPLORATION PERMIT NO. 97-0081
RHOADES 3D
MCKENZIE COUNTY NORTH DAKOTA**

Dear Mr. Hoenmans:

This letter will verify the approval of the above-captioned Geophysical Permits effective April 22, 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.