



PERMIT NO.: 97-0029	
SHOT HOLE OPERATIONS: 60ft 10#	*NON-EXPLOSIVE OPERATIONS:

**SECTION 1**

GEOPHYSICAL CONTRACTOR: RELIABLE EXPLORATION, INC.	
PROJECT NAME AND NUMBER: Panterra Pet. - North MonDak 3 D	COUNTY(S): McKenzie County
TOWNSHIP(S): T 148, 149 N	RANGE(S): R 104, 105 W
PERMITTED BY: Monty Erickerson	
DATE COMMENCED: 6-2-98	DATE COMPLETED: 6/30/98

**SECTION 2**

FIRST S.P. #: 3 D total holes 1343	LAST S.P. #:
LOADED HOLES (UNDETONATED SHOT POINTS)	
S.P. #'s:	
CHARGE SIZE:	
DEPTH:	
REASONS HOLES WERE NOT SHOT: NONE	

**SECTION 3**

FLOWING HOLES S.P.#'s	NONE
PROCEDURE FOR PLUGGING FLOWING HOLES: to state specs	

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 MONTANA

COUNTY OF YELLOWSTONE

Before me, MaryBeth Barnby, a Notary Public in and for the said County and State, this day personally appeared Allen Rein, who being first duly sworn, deposes and says that (S)he is employed by Reliable Exploration, INC., 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.

Allen Rein  
GEOPHYSICAL CONTRACTOR REPRESENTATIVE

Subscribed in my presence and sworn before me this 3rd day of AUG, 1998.

Notary Public Marybeth Barnby

My Commission Expires 4-15-00.

PERMIT NUMBER: 97-0029

**AFFIDAVIT OF PLUGGING (HOLE PLUGGER)**

STATE OF NORTH DAKOTA )

COUNTY OF McKenzie Co. )

Before me, Lou M. Oberlyell, a Notary Public in and for the said County and State, this day personally appeared Joyce Day who being first duly sworn, deposes and says that (s)he is employed by Buckskin Services, 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.

Joyce Day  
Hole Plugger Representative

Subscribed in my presence and sworn before me this 28<sup>th</sup> day of July.

Notary Public Lou M. Oberlyell

My Commission Expires 6-26-99



**SUNDRY NOTICE**  
**INDUSTRIAL COMMISSION OF NORTH DAKOTA**  
**OIL AND GAS DIVISION**  
 SFN 51468 (11-97)

PERMIT # 970029  
 800 E BOULEVARD AVE  
 BISMARCK, ND 58505

Project Name:  
MONDAK 3-D PANTERRA PETRO.

County:  
MCKENZIE CO., ND

Supplemental Information:

BUCKSKIN STARTED PLUGGING ON THE MONDAK 3-D ON 6-2-98 AND FINISHED ON 6-30-98. BUCKSKIN PLUGGED 1188 HOLES AND USED 2372 BAGS OF BENTONITE. THERE WERE 4 BLOWOUTS, 2 BEING MINI HOLES, NUMBERS 540197 & 540198. THE OTHER 2 NUMBERS 576187 & 549105. THERE WERE 6 BAD CAPS ON SHOT POINT NUMBERS 525193, 525194, 534187, 591199, 501112, & 545103. THERE WERE 3 LOST , 534201 TONE BROKE, 519110 NO CAP WIRE ABOVE GROUND, & 528115 NO WIRE ABOVE GROUND. THE FOLLOWING SHOTPOINT NUMBERS HAD CAPS THAT BLEW OFF FROM SHOOTING A 10 lb. NEXT TO A 5 lb.

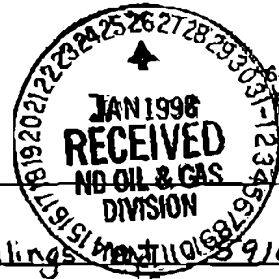
THESE SHOTPOINT NUMBERS BEING 525195, 525199, 525200, 525202, 528202, 534200, 549144, 545138, 540141, 549114, 549101, 545101, 546102, 546104, 525112, 531121, 546129, 528114, 543121, & 540115. AFTER PLUGGING

BLOWOUTS TOTALS WERE 1192 HOLES AND 2378 BAGS OF BENTONITE.

Company:			<b>FOR OFFICE USE ONLY</b>
Address:			
City:	State:	Zip Code:	Date Received:
By:	Date:		By:
Title:	Telephone Number:		Title:



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



600 E BOULEVARD AVE  
 BISMARCK, ND 58505

1) a. Company: <i>Reliable Exploration Inc</i>	Address: <i>868 Parkway Lane Billings</i>	Telephone: <i>(406) 259-1860</i>	Fax: <i>(406) 259-8589</i>
Contact: <i>Allen Rein</i>	Bond Amount: <i>50,000.00</i>	Bond Number: <i>034000055</i>	
Surety Company: <i>Amwest Surety</i>	2) a. Subcontractor(s): <i>TCS Drilling</i>	Address: <i>Box 574 Sidney mt 59270</i>	Telephone: <i>(406) 482-7769</i>
	b. Subcontractor(s): <i>Buckskin Services</i>	Address: <i>919 12th ST SE Sidney mt 59270</i>	Telephone: <i>(406) 482-1143</i>
	c. Subcontractor(s): <i>Swenson Drilling</i>	Address: <i>Box 693 Sidney mt 59270</i>	Telephone: <i>(406) 482-1270</i>
3) Party Manager: <i>Doug Wick</i>	Address: <i>P.O. Box 741 Sidney mt 59270</i>	Telephone: <i>(406) 482-4092</i>	
4) Project Name or Line Numbers: <i>Panterra Pet - N Mondak</i>			
5) Exploration Method (Shot Hole, Non-Explosive, 2D, <u>3D</u> ): <i>Shot Hole</i>			
6) Approximate Drilling Start Date: <i>Spring 1998</i>		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 <i>McKenzie County, North Dakota</i>					
Section(s), Township(s) & Ranges(s)	Sec. 33	T 149 N	R 104 W		
	Sec. 34, 35	T 149 N	R 104 W		
	Sec. 1, 12	T 148 N	R 105 W		
	36, 38, 4, 16, 12, 18, 19, 20, 21	T 148 N	R 104 W		
	Sec. 22, 27, 28, 29, 30	T 148 N	R 104 W		
8) Size of Hole <i>4 3/4</i>	Amt. of Charge <i>10<sup>lb</sup></i>	Depth <i>60ft</i>	Shots per Mi.(sq.mi.)	No. of Mi. (sq. mi.) <i>22 mi</i>	Identifying Marks Used on Nonmetallic Plug
					Geophysical ID    a. Plugger ID    b. Plugger ID    c. Plugger ID
					REL    REL    REL

9) Anticipated special drilling and plugging procedures?

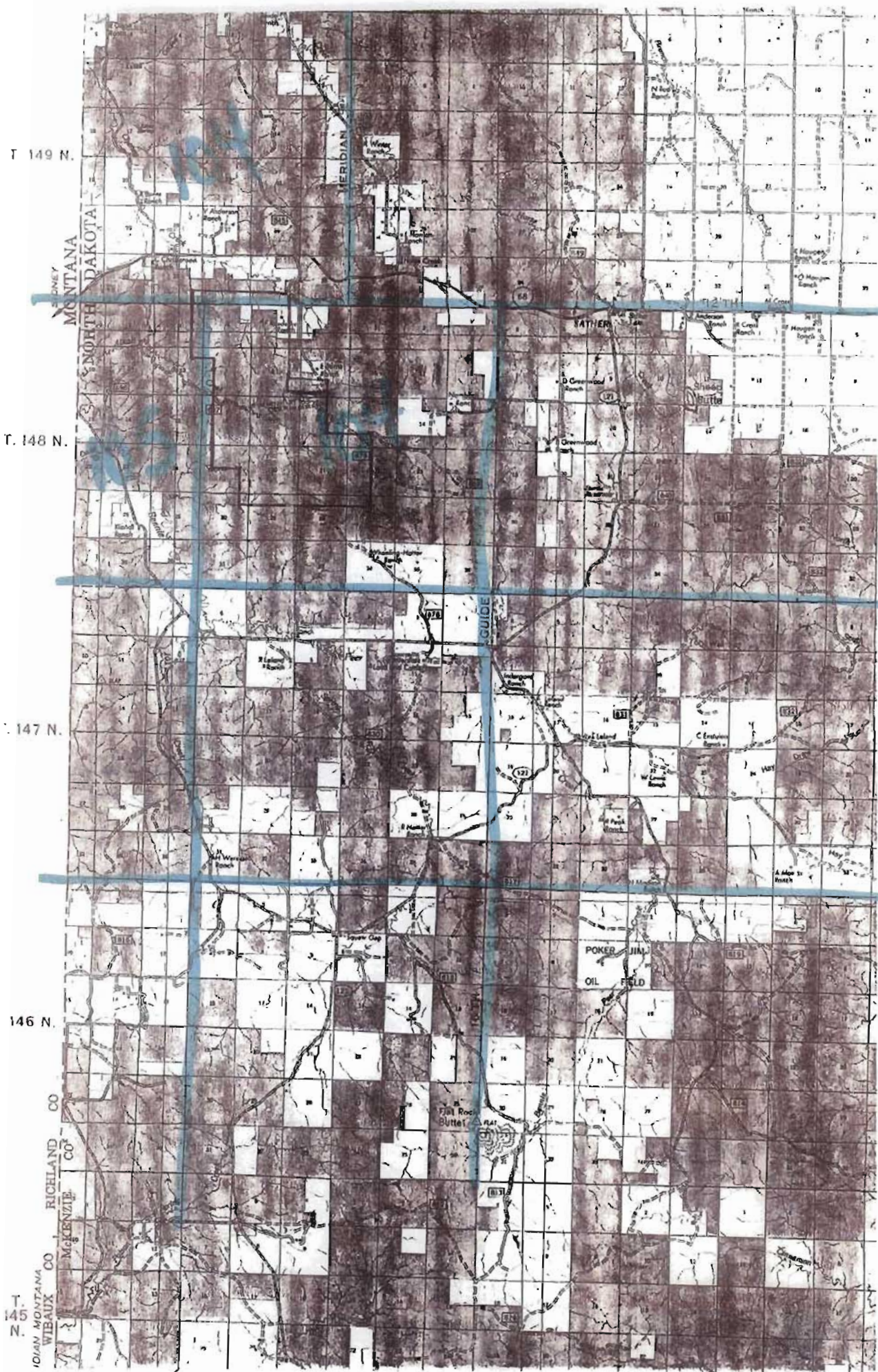
10) Enclose a pre-plot map with proposed location of seismic program lines and powder mag.

Signed: <i>Allen Rein</i>	Title: <i>President</i>	Date: <i>1-21-98</i>
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(This space for State office use)

Permit No.: <i>97-0029</i>	Approval Date: <i>1/26/98</i>
Approved By: <i>[Signature]</i>	
Title: <i>Geophysical Regulations Supervisor</i>	
County Approval Sent: <i>McKenzie County</i>	

Conditions of Approval if any:



T. 149 N.

T. 148 N.

T. 147 N.

T. 146 N.

T. 145 N.

SENECA  
MONTANA  
NORTH  
DAKOTA

WIBAUX  
MONTANA  
WIBAUX  
CO  
MCCENZIE  
CO  
RICHLAND  
CO

MERIDIAN

GUIDE

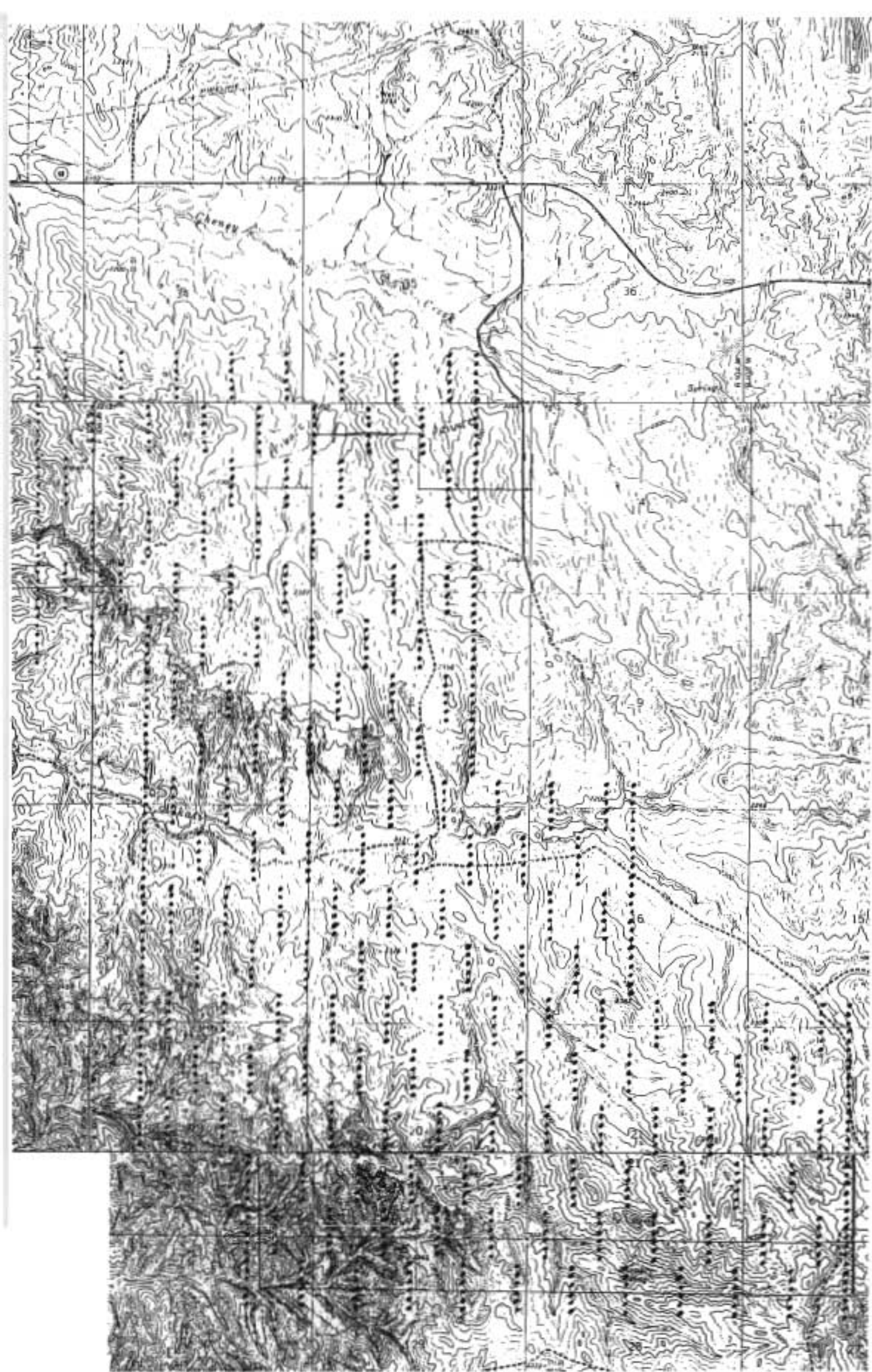
FATHERS

POKER JIM  
OIL FIELD

FALL ROCK  
Butte

R 105 W R 104 W





NORTH DAKOTA INDUSTRIAL COMMISSION

**OIL AND GAS DIVISION**

Wesley D. Norton  
DIRECTOR

F.E. Wilborn  
ASSISTANT DIRECTOR

January 26, 1998

Allen Rein  
Reliable Exploration, Inc.  
868 Parkway Lane  
Billings, MT 59101

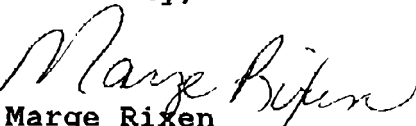
**RE: GEOPHYSICAL EXPLORATION PERMIT NO. 97-0029  
PANTERRA PET - N MONDAK  
McKenzie County**

Dear Mr. Rein:

This letter will verify the approval of the above-captioned Geophysical Permit effective January 26, 1998.

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

Sincerely,

  
Marge Rixen  
Legal Assistant

/mr