

NO. OF COPIES RECEIVED	5
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	2
LAND OFFICE	
OPERATOR	1

NEW MEXICO OIL CONSERVATION COMMISSION

30-031-20289
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Drought-Booth	
2. Name of Operator Northern Minerals, Inc.		9. Well No. 1	
3. Address of Operator P. O. Box 2182, Santa Fe, New Mexico 87501		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER <u>I</u> LOCATED <u>1870'</u> FEET FROM THE <u>South</u> LINE AND <u>750'</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>33</u> TWP. <u>16N</u> RGE. <u>6W</u> NMPM		12. County McKinley	
19. Proposed Depth 2,000'		19A. Formation Morrison	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DE, RT, etc.) 6,668' G. L.	
21A. Kind & Status Plug. Bond Statewide		21B. Drilling Contractor Stewart Bros.	
22. Approx. Date Work will start Upon Approval			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
9"	7-5/8"	24 Lb.	100'	Sufficient to Circ.	
6 1/4"	4-1/2"	9 LB.	2,000'	Sufficient to cover	
				500' above Upper Hospah	

This well will be a 2,000' Morrison wildcat well. 5" hole will be drilled to total depth, logged and, if commercial production is indicated, hole will be reamed out to 6 1/4", casing will be run to total depth, perforated and treated as necessary to establish commercial production.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 2-15-73



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Lloyd Harrison Title President Date 11-16-72

(This space for State Use)

APPROVED BY Ernest Chavez TITLE Sup Dist III DATE 11-17-72

CONDITIONS OF APPROVAL IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

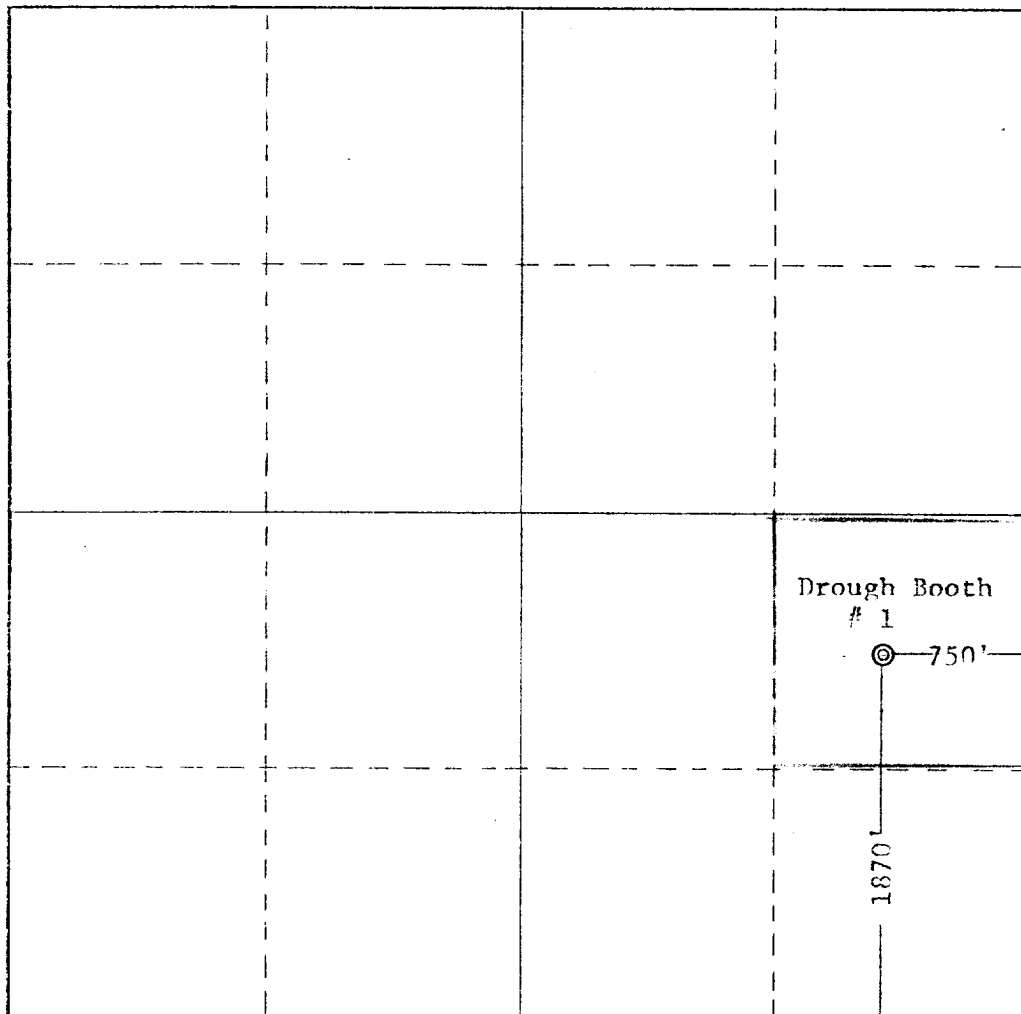
Operator NORTHERN MINERALS, INC.		Lease DROUGHT-BOOTH		Well No. 1
Part Sec. 4	Section 33	Township 16 N.	Range 6 W.	County McKinley
Actual Proposed Location of Well:				
1170 feet from the South line and		750 feet from the East line		
Ground Level Elev. 6663	Producing Formation Wildcat	Pool	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Lloyd Davidson
Name

Lloyd Davidson

Position
President

Company
Northern Minerals, Inc.

Date
11-9-72

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
November 7, 1972

Registered Professional Engineer
and/or Land Surveyor

Fred D. Matmon
Certificate No.

2031

0 320 640 960 1280 1600 1920 2240 2560 2880 3200 3520 3840 4160 4480 4800 5120 5440 5760 6080 6400