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NEW MEXICO OIL CONSERVATION COMMISSION

30-031-20308

Form C-101
Revised 1-1-65

5A. Indicate type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
L-1451	

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 State	
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 D LOCATED 660' FEET FROM THE North LINE AND 660' FEET FROM THE West LINE OF SEC. 16 TWP. 16N RGE. 7W NMPM		12. County McKinley	
19. Proposed Depth 3,100'		19A. Formation Morrison	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 6,716' 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"	20 lb.	80'	Suff. to Circulate	
6 1/4"	4 1/2"	9 lb.	3,100'	Suff. to cover 500' above Upper Hospan	

This well will be a 3,100' Morrison wildcat well. 5" hole will be drilled to total depth, logged and, if commercial production of oil or gas 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 9-13-73

JUN 15 1973

CON. COM.
DIST. 3

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 David R. Anderson Title President Date 6-13-73

(This space for State Use)

APPROVED BY Percy Chaves TITLE SUPERVISOR DIST. #3 DATE JUN 15 1973

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.

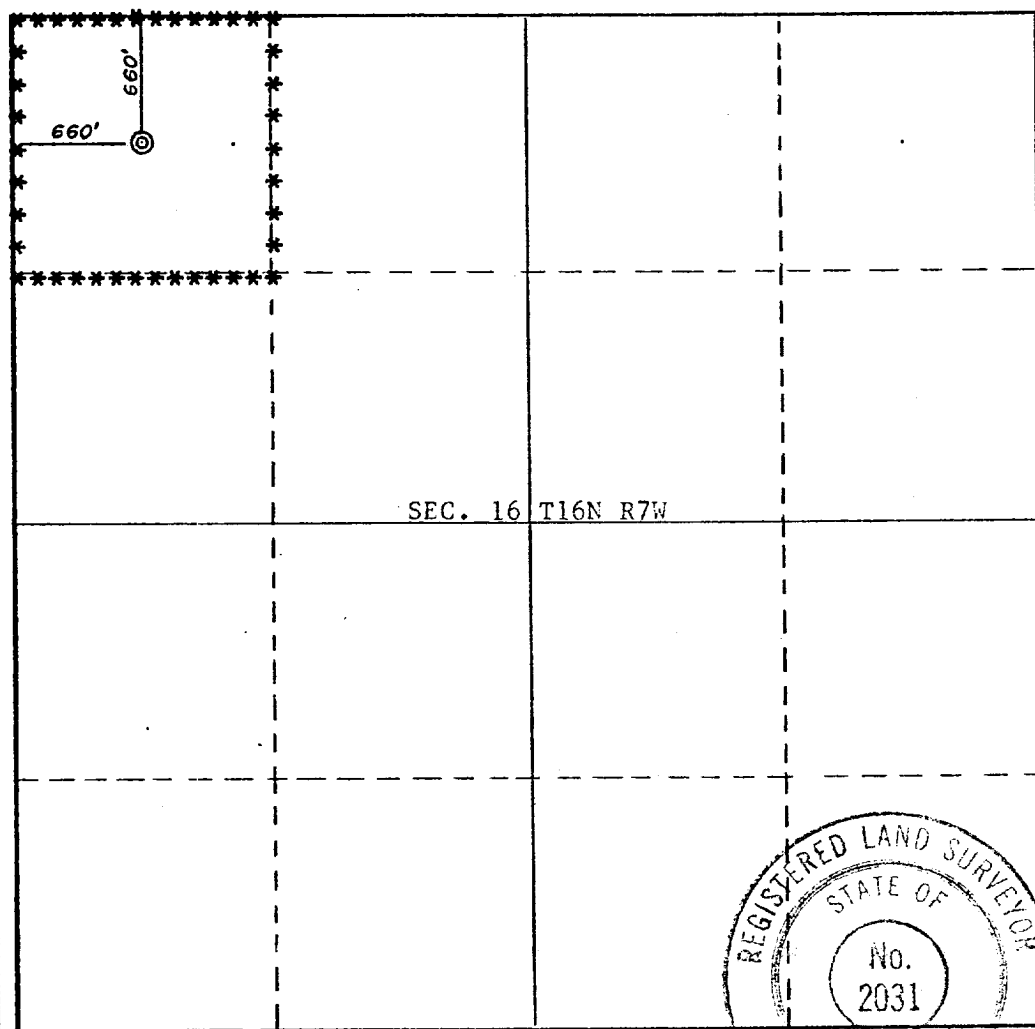
Operator Northern Minerals, Inc.		Lease State		Well No. 1
Unit Letter	Section 16	Township 16 North	Range 7 West	County McKinley
Actual Footage Location of Well: 660 feet from the North line and 660 feet from the West line				
Ground Level Elev. 6716	Producing Formation Wildcat	Pool	Dedicated Acreage: 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 **6-13-73**

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 **June 8, 1973**

Registered Professional Engineer and/or Land Surveyor

Fred D. Marmion

Certificate No.

2031

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 0