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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65 30-031-20235

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 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 checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Fernandez	
2. Name of Operator Northern Minerals, Inc.		9. Well No. 4	
3. Address of Operator 143 Rio Vista Place, Santa Fe, New Mexico 87501		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER P LOCATED 840 FEET FROM THE South LINE 520 FEET FROM THE East LINE OF SEC. 33 TWP. 15N RGE. 8W NMPM		12. County McKinley	
19. Proposed Depth 2,300'		19A. Formation Morrison	
20. Rotary or C.T. Rotary			
21. Elevations (Show whether DF, RT, etc.) 6940 G. L.		21A. Kind & Status Plug. Bond Statewide	
21B. Drilling Contractor Stewart Bros.		22. Approx. Date Work will start Upon Approval	

23.

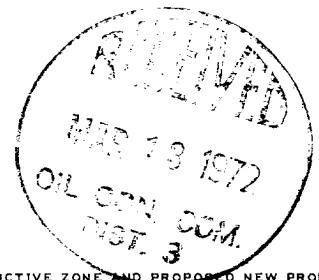
PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
9"	7"	20 lb.	60'	Suff. to Circ.	
6 1/4"	4 1/2"	9 1/2 lb.	2300'	Suff. to cover	
				500' above	Upper Hospah sand.

This well will be a 2300' Morrison test. 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 6-12-72



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 Davidson Title President Date 3-11-72

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DIST. #3 DATE MAR 13 1972

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 INCORPORATED		Lease FERNANDEZ Co.		Well No. FOUR
Unit Letter f	Section 33	Township 15 North	Range 8 West	County McKinley
Actual Footage Location of Well: 840 feet from the South line and 520 feet from the East line				
Ground Level Elev. 6940	Producing Formation WILDEAT	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.

Name
Lloyd Davidson
Position
President
Company
Northern Minerals, Inc.
Date
3-11-72

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
February 2, 1972

Registered Professional Engineer
and/or Land Surveyor

Fred. M. 711070

Certificate No.
2031

