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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65 90-031-20233

5A. Indicate Type of Lease
STATE ☐ FEE ☒
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

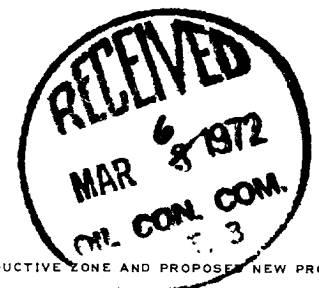
| | | | |
|--|--|--|-----------------------------------|
| 1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | 7. Unit Agreement Name | |
| b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 8. Farm or Lease Name Fernandez | |
| 2. Name of Operator Northern Minerals, Inc., | | 9. Well No. 2 | |
| 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 E LOCATED 1930 FEET FROM THE North LINE AND 990 FEET FROM THE West LINE OF SEC. 13 TWP. 14N RGE. 8W NMPM | | 12. County McKinley | |
| 21. Elevations (Show whether DF, RT, etc.) 7030 | | 19. Proposed Depth 1600' | 19A. Formation Morrison |
| 21A. Kind & Status Plug. Bond Statewide | 21B. Drilling Contractor Stewart Bros. | 20. Rotary or C.T. Rotary | |
| | | 22. Approx. Date Work will start Upon Approval | |

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. | 34' | Suff. to Circ. | |
| 6 1/4" | 4 1/2" | 9 1/2 lb. | 1600 | Suff. to cover | |
| | | | | 500' above | Upper Hospah sand. |

This well will be a 1600' 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 6-5-72



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 Joseph W. Anderson Title President Date 3-3-72
(This space for State Use)

APPROVED BY Ernest C. Ames TITLE SUPERVISOR DIST. #3 DATE MAR 5 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.

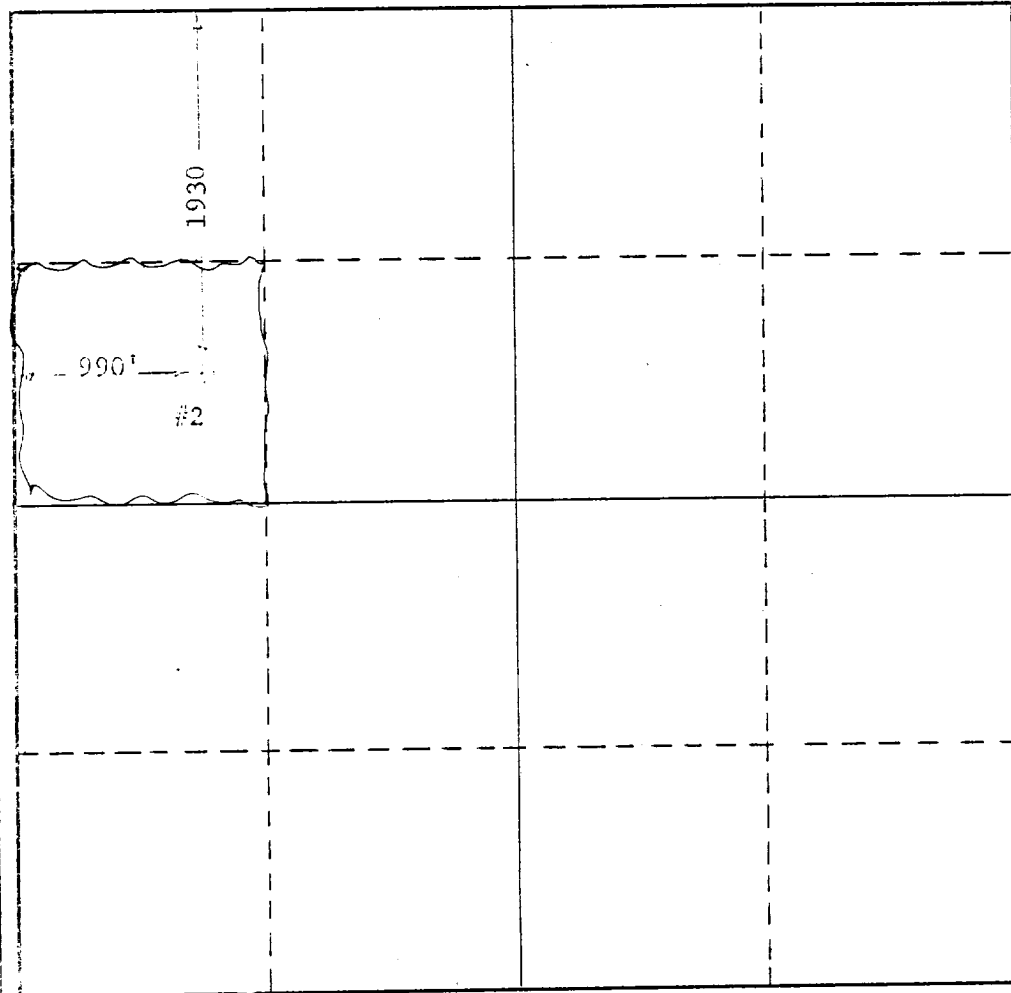
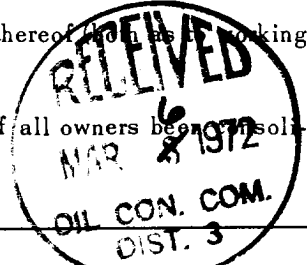
| | | | | |
|---|---------------------------------------|-------------------------------|------------------------|---------------------------------------|
| Operator NORTHERN MINERALS INCORPORATED | | Lease Fernandez Co. | | Well No. 2 |
| Unit Letter E | Section 13 | Township 14 North | Range S West | County McKinley |
| Actual Footage Location of Well: 1930 feet from the North line and 990 feet from the West line | | | | |
| Ground Level Elev: 7030 | 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 (as a 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
3-3-72

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
March 2, 1972

Registered Professional Engineer and/or Land Surveyor

[Signature]
Certificate No.

2031