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NEW MEXICO OIL CONSERVATION COMMISSION

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AUG 11 1977

C. C. C.

ARTIFICIAL OFFICE

30-015-22245

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 8. Farm or Lease Name Kirkes 4 Com. | |
| 2. Name of Operator HNG Oil Company ✓ | | 9. Well No. 1 | |
| 3. Address of Operator P.O. Box 2267, Midland, Texas 79702 | | 10. Field and Pool, or Wildcat X Wildcat (Morrow) | |
| 4. Location of Well UNIT LETTER K LOCATED 2130 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 4 TWP. 24S RGE. 28E NMPM | | 12. County Eddy | |
| 19. Proposed Depth 13000 | | 19A. Formation Morrow | 20. Rotary or C.T. Rotary |
| 21. Elevations (Show whether DF, RT, etc.) 3033 GR | 21A. Kind & Status Plug. Bond Blanket, Active | 21B. Drilling Contractor Wharton | 22. Approx. Date Work will start August, 1977 |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 17-1/2" | 13-3/8" | 48# | 650' | 600 | Surface |
| 12-1/4" | 10-3/4" | 51# | 2850' | 2000 | Surface |
| 8-3/4" | 7" | 26 to 29# | 10250' | 700 | 5000 |
| 6-1/8" | 4-1/2" Liner | 13.5# | 13500' | 250 | 10000 |

BOP-install @ 2800' w/3000# cap. & 3000# annular preventer. At 10,250' incr. to 5000# cap. w/3000# annular preventer. Will use standard surface controlled BOP installation.

Acreage ¹⁵ ~~4~~ not dedicated.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 11-12-77

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 Quida Roach Title Production Clerk Date 8-10-77

(This space for State Use)

APPROVED BY W. A. Grasset TITLE SUPERVISOR, DISTRICT II DATE AUG 12 1977

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-112
Supersedes O-112
Effective 1-1-65

All distances must be from the outer boundaries of the Section

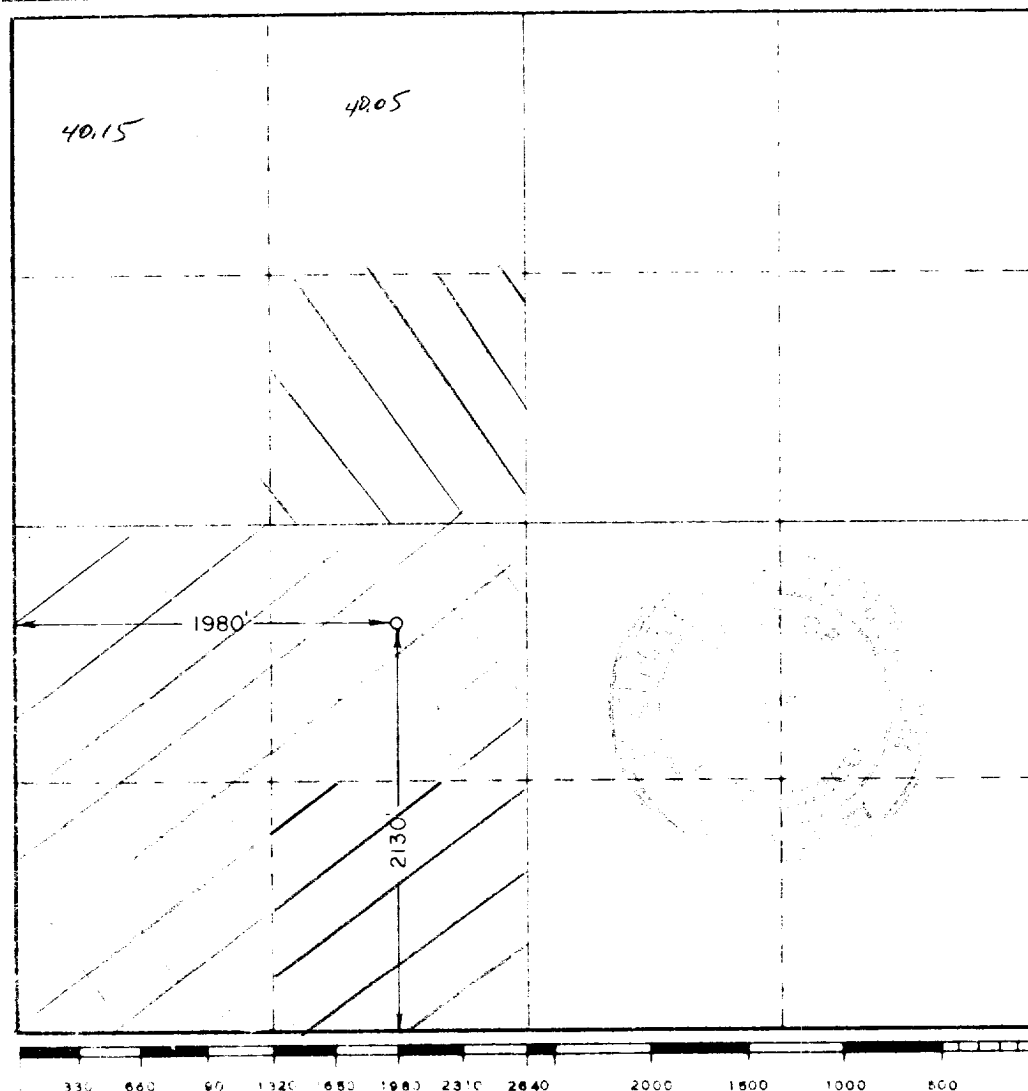
| | | | | | |
|-------------------|---------------------|---------------|----------|------------|--------------------------|
| H. N. G. Oil Co. | | Kirkes 4 Com. | | Well No. 1 | |
| K | 4 | 24 South | 28 East | Eddy | |
| Location of Well: | | | | | |
| 2130 | feet from the | South | line and | 1980 | feet to the West |
| 3033.3 | Producing Formation | MORROW | | WILDCAT | |
| | | | | | Estimated Acreage 320.20 |

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

Quide Roach
Production Clerk
H.N.G. Oil Company
Date 8-10-77

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

August 3, 1977

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. 676



O. J. McCarty 1/8 Royalty



R. H. Kirkes 1/8 Royalty



Epolito Franco 1/8 Royalty



Pardue Farms 5/32 Royalty



R. T. Lewis 3/16 Royalty



William B. Beeman et al 1/8 Royalty