STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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# OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

5A. Indicate Type of Lease STATE [X] FEE [ ]

5. State Oil & Gas Lease No. B-1520-1

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

b. Type of Well: DRILL [X] DEEPEN [ ] PLUG BACK [ ]
OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

7. Unit Agreement Name: North Vacuum Abo Unit

8. Farm or Lease Name:

2. Name of Operator: Mobil Producing Texas & New Mexico Inc.

9. Well No. 275

3. Address of Operator: Nine Greenway Plaza, Suite 2700, Houston, TX 77046

10. Field and Pool, or Wildcat: North Vacuum Abo

4. Location of Well UNIT LETTER M LOCATED 660 FEET FROM THE west LINE AND 540 FEET FROM THE south LINE OF SEC. 14 TWP. 17S RGE. 34E NMPM

12. County: Lea

| 19. Proposed Depth | 19A. Formation | 20. Rotary or C.T. |
|---|---|---|
| 9100' | Abo | Rotary |

| 21. Elevations (Show whether DF, RT, etc.) | 21A. Kind & Status Plug. Bond | 21B. Drilling Contractor | 22. Approx. Date Work will start |
|---|---|---|---|
| 4038' | on file | unknown | ASAP |

23.

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|---|---|---|---|---|---|---|
| 17½" | 13 3/8" | 48# | H-40 | 0 - 400' | Circulate | Surface |
| 12¼" | 8 5/8" | 28# | S-80 | 0 - 500' | Circulate | Surface |
| | | 32# | K-55 | 500 - 5000' | | |
| 7 7/8" | 5½" liner | 17# | K-55 | 4800 - 5500' | Circulate | 4800' |
| | | 15.5# | K-55 | 5500' - TD | | |

BLOWOUT PREVENTOR PROGRAM

| Casing String | Equipment Size & API Series | No. & Type | Test Pressure(psi |
|---|---|---|---|
| Surface | 13 5/8" X 3000# | 1 MG & 1 PR | 3000 |
| | | 1 MG 1 PR & Rotary Head | 5000 |

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 5/9/85
UNLESS DRILLING UNDERWAY

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 D. C. Stacks Title Senior Civil Engineer Date November 5, 1984

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: