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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

JUL 29 11 44 AM '69

| | |
|--------------------------------|---|
| 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 type="checkbox"/> OTHER <input type="checkbox"/> Water Supply <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 8. Farm or Lease Name Humphrey "A" | |
| 2. Name of Operator Mobil Oil Corporation | | 9. Well No. 10 | |
| 3. Address of Operator P. O. Box 633, Midland, Texas 79701 | | 10. Field and Pool, or Wildcat Langlie Mattix | |
| 4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>2498</u> FEET FROM THE <u>north</u> LINE AND <u>2200</u> FEET FROM THE <u>west</u> LINE OF SEC. <u>3</u> TWP. <u>25-S</u> RGE. <u>37-E</u> NMPM | | 12. County Lea | |
| 19. Proposed Depth 4800 | | 19A. Formation San Grayburg-Andres | |
| 20. Rotary or C.T. Rotary | | 21. Elevations (Show whether DE, RT, etc.) 3146 | |
| 21A. Kind & Status Plug. Bond On File | | 22. Approx. Date Work will start August 1, 1969 | |

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 | 1325 | Circulate | Surface |
| 12-1/4 | 9-5/8 | 36 | 4000 | Circulate | Tie-in w/surface casing |
| 12-1/4 | 9-5/8 | 40 | 4800 | | |

Mud Program:

0 - 1325' Spud Mud
1325 - T.D. Brine water, flosal & oil as necessary

Logging Program:

Schlumberger sidewall neutron - surface to T.D.

THE COMMISSION MUST BE NOTIFIED
24 HOURS PRIOR TO RUNNING CASING
13 3/8"

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED.

Oct. 29, 1969

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 A. D. Bond A. D. Bond Title Proration Staff Assistant Date July 28, 1969

(This space for State Use)

APPROVED BY John W. Ramsey TITLE Assistant DATE JUL 29 1969

CONDITIONS OF APPROVAL, IF ANY: