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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. B-4704
7. Unit Agreement Name
8. Farm or Lease Name New Mexico "O" State
9. Well No. 5
10. Field and Pool, or Wildest UNDESIGNATED
12. County Lea

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

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator HUMBLE OIL & REFINING COMPANY	3. Address of Operator BOX 1600, MIDLAND, TEXAS 79701		8. Farm or Lease Name
4. Location of Well UNIT LETTER F LOCATED 2,080 FEET FROM THE North LINE AND 1,800 FEET FROM THE West LINE OF SEC. 17 TWP. 17-S RGE. 36-E NMEW	5. Field and Pool, or Wildest UNDESIGNATED		9. Well No.
13. Proposed Depth 8,800'		13A. Formation Abo	20. History of C.M. Rotary
21. Elevations (show whether Dr, RL, etc.) To be filed later	21A. Kind & Status Plug. Bond Blanket on file	21B. Drilling Contractor Unknown	22. Approx. Date Work will start May 22, 1970

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14"	11 3/4"	42#	350'	200	Surface
11"	8 5/8"	32 & 24#	3,400'	400	*2,400'
7 7/8"	4 1/2"	11.6 & 9.5#	8,700'	300	**7,700'

\*Circulate back to salt section at approximately 2,400' using 200 sacks neat cement on bottom.

\*\*Circulate back to at least 600' above top of uppermost pay section using 200 sacks neat cement on bottom.

Spud mud from 0 - 350', water from 350 - 8,000', minimum mud for good samples from 8,000' to TD.

HOWCO method of cementing to be used.

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. L. Clemmer Title Unit Head Date May 15, 1970

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE MAY 18 1970

CONDITIONS OF APPROVAL, IF ANY: