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LAND OFFICE	
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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.	
E-9669	
7. Unit Agreement Name	
8. Farm or Lease Name	
New Mexico "CC" State	
9. Well No.	
4	
10. Field and Pool, or Wildcat	
Inbe Penn.	
12. County	
Lea	
19. Proposed Depth	19A. Formation
9,800'	Penn.
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond
To be filed later	Blanket on file
21B. Drilling Contractor	
Unknown	
22. Approx. Date Work will start	
October 1, 1968	

## 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"/>	
b. Type of Well	
OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator	
HUMBLE OIL & REFINING COMPANY	
3. Address of Operator	
BOX 1600, MIDLAND, TEXAS	
4. Location of Well	
UNIT LETTER F	LOCATED 1,980 FEET FROM THE West LINE
AND 2,086 FEET FROM THE North	LINE OF SEC. 27 TWP. 10-S RGE. 33-E NMPM
19. Proposed Depth	
9,800'	
19A. Formation	
Penn.	
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DF, RT, etc.)	
To be filed later	
21A. Kind & Status Plug. Bond	
Blanket on file	
21B. Drilling Contractor	
Unknown	
22. Approx. Date Work will start	
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## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	11 3/4"	42#	350'	350 Sacks	Circ. to Surface
11"	8 5/8"	24# & 32#	4,100'	450 Sacks	*
7 7/8"	5 1/2"	17#, 15.5# & 14#	9,800	325 Sacks	**

\*Circ. back to approximately 2,500 feet w/8% Gel cement and use 200 sacks neat around shoe.

\*\*Circ. back at least 600 feet above top of the uppermost pay zone, estimated to be 8,000 feet w/12% Gel and use 200 sacks neat around shoe.

Minimum mud program for samples.

Howco method of cementing to be used.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED

COMMISSION MUST BE PAID  
HOURS PRICE TO RUN WELL 11 3/4  
ACTS

EXPIRES 12-23-68

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 J. E. Pinkerton Title Proration Supervisor Date 9-19-68

(This space for State Use)

APPROVED BY [Signature] TITLE DATE

CONDITIONS OF APPROVAL, IF ANY: