

30-015-21751

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## NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

RECEIVED

MAY 28 1976

5A. Indicate Type of Lease  
STATE ☐ FEE ☒

5. State Oil &amp; Gas Lease No.

## 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"/>		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Moore Federal Co.	
2. Name of Operator Mesa Petroleum Co. ✓		9. Well No. 1	
3. Address of Operator 904 Gihls Tower West, Midland, TX 79701		10. Field and Pool, or Wildcat White City Penn	
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1650</u> FEET FROM THE <u>South</u> LINE AND <u>1650</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>35</u> TWP. <u>24S</u> RGE. <u>26E</u> NMPM		12. County Eddy	
19. Proposed Depth 11,800'		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DT, RI, etc.) 3320' GR	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Moranco Drilling	
22. Approx. Date Work will start July 3, 1976			

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20	16	65	250'	250	Surface
13-3/4 (14-3/4)	10-3/4	40.5	2,200'	1,600	Surface
9-1/2	7-5/8	26.4 - 29.7	8,800'	400	6,800'
6-1/2	5" or 5 1/2"	15 or 17	8,400-11,800'	350	Cover liner top

Propose to drill 20" surface hole with fresh water to 250' without BOP's. After setting 16" and circulating cement to surface, will drill out with brine water and drill to 2200' without BOP's. Will set 10-3/4" casing and after cementing to surface, will nipple up 10" API 5000 psi BOP's (1 set pipe rams, 1 set blind rams, & hydril) and drill to approximately 8800' using fresh water mud. Will set and cement 7-5/8" casing, then test BOP's (same as above) and drill to total depth using control polymer brine water mud. Maximum anticipated mud weight is 10.4 PPG based on results of other wells drilled in the area. A 5" or 5 1/2" liner will be set at total depth.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 8-1-76  
*See attached letter*

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 Michael P. Houston Title Division Engineer Date May 27, 1976

(This space for State Use)

APPROVED BY W.A. Gressett TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

XC: JLF, MEC, LWH, LMC, RHN. 5-NMOCC