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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

JUN 27 0 39 AM '66

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>

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

## 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"/>		8. Farm or Lease Name	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		Bridges-State	
2. Name of Operator		9. Well No.	
Mobil Oil Corporation		116	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 633 - Midland, Texas 79701		Vac. U. Penn, Wolfcamp, Glorieta	
4. Location of Well		12. County	
UNIT LETTER L LOCATED 1880 FEET FROM THE South LINE		Lea	
AND 510 FEET FROM THE West LINE OF SEC. 24 TWP. 17-S RGE. 34-E NMPM			
19. Proposed Depth		19A. Formation	
10,600		U. Penn, Wolfcamp, Glorieta	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
4030 G.L.		June 29, 1966	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
On File			

## 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#	350	Circ.	Surface
12 1/4"	9 5/8"	36# & 40#	5000	Circ.	Tie in w/Surf. Csg
8 3/4"	7" (Liner)	23#	10600	Circ.	Tie cement in w/intermediate csg. 4800' to TD

## MUD PROGRAM

0' - 350' Spud Mud  
350' - 1500' Fresh Water  
1500' - 5000' Brine & Oil  
5000' - 8500' Fresh Water  
8500' - TD Ferrochrome-Liquosulphate Wt. 8.5-9.2, Vis. 35-45, PH 9-11, WL 10 or less

## LOGGING PROGRAM

Gamma Ray-Sonic 0' - TD Open Hole  
Dual Induction 0' - TD Open Hole  
Gamma Ray-Collar 5800' - TD Open Hole

FOR RECORDS  
DRILLING COMMENCED.

EXPIRES

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 David B. Smith, Jr. Title Operations Engineer Date June 24, 1966

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: