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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease

STATE ☐ FEE ☒

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 OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name West Knowles Unit	
2. Name of Operator MESA PETROLEUM CO.		9. Well No. 3	
3. Address of Operator 904 Gihls Tower West, Midland, Texas 79701		10. Field and Pool, or Wildcat Undesignated Drinkard	
4. Location of Well UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 34 TWP. 16S RGE. 37E NMPM		12. County Lea	
19. Proposed Depth 8600'		19A. Formation Drinkard	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DI, RI, etc.)	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Robinson Brothers	
22. Approx. Date Work will start March 3, 1975			

23.

### 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	50	350	375	Cir1
11	8 5/8	24	3700	250	3000
7 7/8	4 1/2	11.6	8600	Sufficient to cover all pays	

Surface hole will be drilled to 350' without blowout preventer. Thereafter 10" API 3000 psi W.P. preventer will be utilized to total depth. No pressure problems were encountered when drilling well 1/2 mile to southeast and well 1/2 mile to east. Mud program will consist primarily of water to 7900' and mud from 7900' to total depth.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 6-4-75

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 2-27-75

(This space for State Use)

SUPERVISOR DISTRICT

APPROVED BY [Signature] TITLE  DATE MAR 4 1975