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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 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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			8. Farm or Lease Name Hightower
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 Undes. Drinkard
4. Location of Well UNIT LETTER A LOCATED 810 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE OF SEC. 4 TWP. 17S RGE. 37E NMPM			12. County Lea
19. Proposed Depth 8600'			19A. Formation Drinkard
20. Rotary or C.T. Rotary			
21. Elevations (Show whether DE, RI, etc.) 3791 RKB 3778 GR		21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Robinson Bros.
			22. Approx. Date Work will start Dec 1, 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	13-3/8	48	350	375	Circ
11	8-5/8	24 - 32	4,200	400	3,000
7-7/8	4-1/2	10.5 - 11.6	8,600	Sufficient to cover 500' above all pay.	

Propose to drill to 350' without blow out preventers. Will nipple up 12" API 3000 psi WP BOP's on bradenhead and drill to total depth with same. Mud program will consist primarily of water to 7800' and fresh water mud to total depth. Sample mud will be used through the Paddock interval (6100'-6400').

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 Nov 19, 1975

(This space for State Use)

APPROVED BY Jerry Lytton TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

XC: 1-JLF, 1-LAC, 1-MEC, 1-RHN, 5-NMOCC, 1-file, 21 WI Partners