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NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101
Revised 1-1-65

1A. Indicate Type of Lease	STATE ☒	FEE ☐
B. State Oil & Gas Lease No.		
LG-740		

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work		2. State Approved Lease	
a. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐ GAS ☐ OIL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		3. Name of Lease Holder Vacuum State	
4. Name of Operator Mesa Petroleum Co.		5. Well No. 4	
6. Address of Operator P.O. Box 2009 / Amarillo, Texas 79189		7. Field and Loc. of Well Undesignated Scharb Wo.	
8. Location of Well UNIT LETTER <u>I</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>4</u> TWP. <u>19S</u> RSE. <u>35E</u>		9. County Lea	
10. Proposed Depth 11,000		11. Formation Wolfcamp	
12. Method of Drilling Rotary		13. Approx. Date Work will start 5 July 83	
14. Elevation (Spot, Bench, etc.) 3891.1		15. Kind & Status Plug Bond Blanket	
16. Drilling Contractor Dual Drilling		17. Approx. Date Work will start 5 July 83	

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#	500'	300	Surface
11"	8 5/8"	24#	4000'	1000/250	Tieback to 1
7 7/8"	5 1/2"	17#	11000'	550/650	Cover all pay

Propose to drill 17 1/2" hole to 500' and set 13 3/8" surface casing and cement to surface. Will then reduce hole to 11". nipple up 3000 psi BOPs and drill to 4000' to set intermediate string of 8 5/8" casing and cement to surface or tie back to 13 3/8" casing. Will then drill 7 7/8" hole to TD of 11,000'.

Gas sales are dedicated.

XC: NMOCE-H (5), CEN RCDS, ACCTG, OPS (FILE), MIDLAND, HOBBS, PARTNERS, MAT CONT,

APPROVAL VALID FOR 7 DAYS
PERMIT EXPIRES 7
UNLESS DRILLING UNDERWAY

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 [Signature] Title Regulatory Agent Date 1, July 83

(This space for State Use)

ORIGINAL SIGNED BY EDDIE SEAY

OIL & GAS INSPECTOR

JUL 1 1983

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: