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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
LG-740

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"/>
b. Type of Well	OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
	SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>

7. Unit Agreement Name
8. Farm or Lease Name
Vacuum State

2. Name of Operator
Mesa Petroleum Co.

9. Well No.
2

3. Address of Operator
P.O. Box 2009 / Amarillo, Texas 79189

10. Field and Pool, or Wildcat
Undesignated Scharb Wo

4. Location of Well	UNIT LETTER D LOCATED 660 FEET FROM THE North LINE
AND 660 FEET FROM THE West LINE OF SEC. 10 TWP. 19S RGE. 35E NMPM	

12. County
Lea

19. Proposed Depth	11,000
19A. Formation	Wolfcamp
20. Rotary or C.T.	Rotary
21. Elevations (show whether DF, RT, etc.)	3879.1'
21A. Kind & Status Plug. Bond	Blanket
21B. Drilling Contractor	Dual Drilling
22. Approx. Date Work will start	April 15, 1983

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#	500'	300	Surface
11"	8 5/8"	24#	4000'	1000/250	Tie-back to 13
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: NMOCD-H (5), CEN RCDS, ACCTG, OPS(FILE), MIDLAND, HOBBS, PARTNERS, MAT CONT,

NOTE: original APD had surface casing to 350'.

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 R. F. Madril Title Regulatory Coordinator Date April 15, 1983

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON TITLE SUPERVISOR DATE APR 20 1983