

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

CONSERVATION DIVISION
P. O. BOX 2388
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ FEE ☐
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"/>		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 type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		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 Wolf
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>10</u> TWP. <u>19S</u> RGE. <u>35E</u> NMPM		12. County Lea
19. Proposed Depth 11,000		19A. Formation Wolfcamp
20. Rotary or C.T. Rotary		21. Elevations (show whether DF, KI, 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#	350'	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 350' 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 (6), TLS, GEN RCDS, ACCTG, REM (FILE), MIDLAND, HOBBS, PARTNERS ()

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 10/8/83
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 Jerry Sexton Title Drilling Superintendent Date April 8, 1983

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON TITLE DISTRICT SUPERVISOR DATE APR 8 1983
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
APR 8 1983
G.C.D.
HOBBS OFFICE