

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2086  
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.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Salt Water zone <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>	
2. Name of Operator Mesa Petroleum Co.		7. Unit Agreement Name	
3. Address of Operator P. O. Box 2009, Amarillo, Texas 79189		8. Farm or Lease Name Lister	
4. Location of Well UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE OF SEC. 13 TWP. 16S RGE. 35E NMPM		9. Well No. 1	
		10. Field and Pool, or Wildcat Shoe Bar Wolfcamp North	
		12. County Lea	
		19. Proposed Depth 9940'	
		19A. Formation Wolfcamp	
		20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, KI, etc.) 3962.6		21A. Kind & Status Plug. Bond Blanket-Current	
		21B. Drilling Contractor NA	
		22. Approx. Date Work will start 4/1/85	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

Subject well had initially produced from Strawn formation - 11,336-86'. Zone depleted, set CIBP at 11,205', with 45' cement on top. Attempted to complete Wolfcamp zone from 10,083'-10,557'. Wolfcamp zone no longer economic. Propose to set bridge plug at 10,050', dump 45' cement on top of plug. Perforate Upper Wolfcamp from 9928-9940'.

Logs indicate this zone is wet. Perform injectivity test with lease water. If zone will not take fluid, acidize with 1500 gals 15% NEFE acid. If zone still will not take water, well will be plugged and abandoned. If well will take fluid, will permit as SWD well.

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 Randy Anderson Title Regulatory Agent Date 3/27/85

(This space for State Use)

ORIGINAL SIGNATURE OF JERRY SEXTON

APPROVED BY DISTRICT SUPERVISOR TITLE  DATE

CONDITIONS OF APPROVAL, IF ANY:

XC: WF, CR, Reg., RZN, Midland, Acctg., Partners

APR - 2 1985

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MAR 29 1985

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HOSPITAL