

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

C.L. CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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

5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
LG-4138

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well DRILL ☐ DEEPEN ☐ PLUG BACK ☒
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

7. Unit Agreement Name

8. Farm or Lease Name

Jackson Unit

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat

2. Name of Operator
Mesa Petroleum Co.

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

4. Location of Well
UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE
AND 1980 FEET FROM THE East LINE OF SEC. 22 TWP. 24S RGE. 33E NMPM

12. County

Lea

19. Proposed Depth 15,250' PBDT
19A. Formation Wolfcamp
20. Holiday or C.T. N/A

21. Elevations (Show whether DF, RI, etc.) 3581' GR
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor N/A
22. Approx. Date Work will start 4-15-85

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	65#	806'	600 Poz/200 C	surface
14 3/4"	10 3/4"	40.5/55.5	5,274'	3600 LT/400 C	surface
9 1/2"	7 5/8"	26.4/29.7/33.7	12,499'	900 Poz/400 H	5300'
6 1/2"	5"	18	15,858'	200 H 500 H	12,182'

Current Morrow perforations 15,428-522' depleted. Cum production (2/83-1/85):
263 MMCF, 1724 BC

Propose to release RTTS at 15,256'; circulate and fill casing with 3% Kcl water, set Baker Model "N-1" bridge plug at approx 15,250' and test to 1000 psig; spot 45 ft cement above bridge plug; set packer at approx 13,200'; perforate Wolfcamp formation from 13,252-64' and 13,282-88' with 2 JSPF; fill casing and test packer with 2000 psig; RU swab unit and swab fluid level to 12,000'; flow and clean up 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 Carelyn Cummings Title Regulatory Clerk

Date 4-12-85

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE

DATE

APR 17 1985

CONDITIONS OF APPROVAL, IF ANY:

XC: WF, CR, Reg., NMOCD-H (0+5), RZN, Partners, Prod. Eng.

RECEIVED

APR 18 1985

U.S. DEPT. OF JUSTICE
HONORARY CLERK