

STATE OF NEW MEXICO
LAND MINERALS DEPARTMENT

LAND CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

30-025-28715

Form C-101
Revised 10-1-78

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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 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 Lister
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 North Shoe Bar-Strawn
4. Location of Well UNIT LETTER <u>AB</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>1830</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>13</u> TWP. <u>16S</u> RGE. <u>35E</u> NMPM		12. County Lea
19. Proposed Depth 11,550		19A. Formation Strawn
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, RT, etc.) 3966' GR	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor To be determined
22. Approx. Date Work will start May 1, 1984		

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	450'	400	Surface
12 1/4"	8 5/8"	24	4300'	1000/500	Circulate
7 7/8"	5 1/2"	15.5	11,550'	900/500	Tie-back

Propose to drill 17 1/2" hole with fresh water to 450' and set 13 3/8" surface casing and circulate cement to surface. Will reduce hole to 12 1/4", install 3000 psi casinghead and double BOP and drill to 4300' to set 8 5/8" csg and cement back to surface. Will reduce hole to 7 7/8" and drill to TD.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4/26/84
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 R. E. Mathis Title Regulatory Coordinator Date 4-23-84

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE APR 26 1984

CONDITIONS OF APPROVAL, IF ANY:

XC: NMOC-D-H(0+6), CEN RCDS, ACCTG, WELL FILE, MIDLAND, ROSWELL, REGULATORY, PARTNERS

APR 25 1984
O.C.D.
HOBBS OFFICE