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P. O. BOX 2088
SANTA FE, NEW MEXICO 87501
JUN 16 1983

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O. C. D.

ARTESIA, OFFICE

5A. Indicate Type of Lease
STATE ☒ FEDERAL ☒
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 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	
2. Name of Operator Mesa Petroleum Co.		8. Farm or Lease Name Hondo Fee	
3. Address of Operator P.O. Box 2009 / Amarillo, Texas 79189		9. Well No. 2	
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1650</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>32</u> TWP. <u>20S</u> RGE. <u>28E</u> NMPM		10. Field and Pool, or Wildcat <u>Undes. Delaware</u>	
		12. County Eddy	
		19. Proposed Depth 5000'	
		19A. Formation Delaware	
		20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 3210.1'		21A. Kind & Status Plug. Bond Blanket	
		21B. Drilling Contractor TMBR Drilling, Inc.	
		22. Approx. Date Work will start June 22, 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#	600	500	Surface
12 or 12 1/4"	8 5/8"	24#	2550 *	600	Circulate
7 7/8"	5 1/2"	14.5#	5000	500	cover all pay

(*or through bottom of Capitan Reef)

Propose to drill 17 1/2" hole with fresh water to approximately 600' and set 13 3/8" surface casing. Will circulate cement to surface; drill 12 or 12 1/4" hole with fresh water to approximately 2550 (bottom of Capitan Reef) and set 8 5/8" casing. Will circulate cement to surface, or at least 150' into surface casing; nipple up 3000 psi BOP's and drill 7 7/8" hole to TD.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 12-17-83
UNLESS DRILLING UNDERWAY

XC: NMOCD-A(0+6), CEN RCDS, ACCTG, OPS(FILE), MAT CONT, RES ENG, MIDLAND, HOBBS, PARTNERS

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 L. E. Martin Title Regulatory Coordinator Date June 15, 1983

(This space for State Use)

Original Signed By
Leslie A. Clements
Supervisor District II

APPROVED BY Mike Williams TITLE Supervisor District II DATE JUN 17 1983

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to
surface and 13 3/8" casing