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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
1791

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work	7. Unit Agreement Name
b. Type of Well OIL WELL ☐ GAS WELL ☐ OTHER <u>Brine wtr. well</u> DRILL ☒ DEEPEN ☐ PLUG BACK ☐	<u>Warren McKee</u>
2. Name of Operator	8. Farm or Lease Name
<u>Continental Oil Company</u>	<u>Warren McKee</u>
3. Address of Operator	9. Well No.
<u>Box 460, Hobbs, N.M. 88240</u>	<u>1</u>
4. Location of Well	10. Field and Pool, or Wildcat
UNIT LETTER <u>M</u> LOCATED <u>710'</u> FEET FROM THE <u>South</u> LINE AND <u>420'</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>2</u> TWP. <u>20-S</u> RGE. <u>38-E</u> NMPM	<u>NMFU</u>
12. County	
<u>Lea</u>	
19. Proposed Depth	19A. Formation
<u>2400'</u>	<u>Salado</u>
20. Rotary or C.T.	
<u>Rotary</u>	
21. Elevations (Show whether DF, RI, etc.)	22. Approx. Date Work will start
<u>3580.9 GA</u>	<u>2-14-78</u>

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 #	250'	250	Circa 70 Surface
12 1/2"	9 5/8"	36 #	1500'	721	Circa 6.70 Surface

IT IS PROPOSED TO DRILL A STRAIGHT HOLE TO 2400' T.D. and complete as A Brine Water Well. The Salado formation in the subject well to be used in the manufacture of a brine water suitable for injection into the McKee formation of The Warren McKee Water Flood Unit. A Portion of the water Purchased from the City of Hobbs will be cycled through the brine well, recombined at the surface with fresh water in the proper proportion and chemically treated, so that the resulting injection water will be compatible with McKee formation water.

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 Wm. A. Butterfield Title ADMIN. SUPV. Date 2-14-78

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE FEB 14 1978

CONDITIONS OF APPROVAL, IF ANY:

NMOC (6), NMFU (4), F, 10 (2)

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FEB 13 1978

OIL CONSERVATION COMM.
HOBBS, N. M.