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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. B-1534
7. Unit Agreement Name
8. Farm or Lease Name STATE J-2
9. Well No. 12
10. Field and Pool, or Wildcat ARROWHEAD GRAYBURG
12. County LEA
13. Proposed Depth PBD 3250'
15A. Formation EUBANK GAS
16. Rotary or C.T. P.T.
21. Elevations (Show whether DE, RT, etc.) 3570' KB
21A. Kind & Status Plug. Bond BRACKET
21B. Drilling Contractor
22. Approx. Date Work will start 11-29-75

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	
1a. Type of Work DRILL ☐ DEEPEN ☐ PLUG BACK ☒	
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐	
2. Name of Operator CONTINENTAL OIL COMPANY	
3. Address of Operator P. O. Box 460, Hobbs, N.M. 88240	
4. Location of Well UNIT LETTER D LOCATED 660 FEET FROM THE NORTH LINE AND 990 FEET FROM THE WEST LINE OF SEC. 2 TWP. 22-S RGE. 36-E NMPM	
13. Proposed Depth PBD 3250'	15A. Formation EUBANK GAS
16. Rotary or C.T. P.T.	
21. Elevations (Show whether DE, RT, etc.) 3570' KB	21A. Kind & Status Plug. Bond BRACKET
21B. Drilling Contractor	22. Approx. Date Work will start 11-29-75

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	10 3/4"	32.75#	394'	250	Circ.
6 1/2"	5 1/2"	17#	3680'	650	

It is proposed to re-complete this station well by plugging back to the Eubank Gas Zone, by the following procedure: Remove prod. eqpt. & squeeze perfs 3791'-3820' w/40 sks Class "C" cement. Port w/1 TSPF @ 3500', 3618', 27', 39' & 3649'. Treat w/900 gals 7 1/2% acid w/7 ball sealers. Frac w/6500 gals E-2 Flo Fluid, 10,000# sd. Port w/1 TSPF @ 3018', 48', 65', 93', 3125', 53', 3212', 3324', 49', 92', 93', & 3418'. Treat same as above. Re-set bridge plug @ 3250' & plug @ 2940'. Treat perfs 3018'-3012' w/1250 gals 7 1/2% acid, Frac w/12,000 gals E-2 Flo Fluid, 20,000# sd. Remove bridge plug & re-set plug @ 2970' on 2 3/8" 16w9.

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 BLOCKOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed [Signature] Title SR Analyst Date 11-17-75

(This space for State Seal)

APPROVED BY _____ TITLE _____ DATE NOV 15 1975

CONDITIONS OF APPROVAL, IF ANY:

Case - 1. File