UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO. LC-032096(?)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WORK: DRILL ☐ DEEPEN ☐ PLUG BACK ☒

b. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER — SINGLE ZONE ☒ MULTIPLE ZONE ☐

7. UNIT AGREEMENT NAME: NMFU

8. FARM OR LEASE NAME: Lockhart A-27

9. WELL NO.: 2

2. NAME OF OPERATOR

Continental Oil Company

3. ADDRESS OF OPERATOR

Box 460, Hobbs, New Mexico 88240

10. FIELD AND POOL, OR WILDCAT: Wantz Abo

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface 1980' FNL & 1980' FWL of Sec. 27, T-21S, R-37E, in Lea County, N. Mex.
At proposed prod. zone Same

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 27, T-21S, R-37E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
1 mile NW of Eunice

12. COUNTY OR PARISH: Lea — 13. STATE: N. Mex

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 660 North

16. NO. OF ACRES IN LEASE: 320

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 1320 W of No. 10

19. PROPOSED DEPTH: PB 7350

20. ROTARY OR CABLE TOOLS: —

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3417' DF

22. APPROX. DATE WORK WILL START*: 5-21-69

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	12 3/4	45	226'	200
12 1/4	9 5/8	32.2	2425'	500
8 3/4	7	17	6572'	500
6 1/4	5 (liner)	14.87	6445'-7540	140

It is proposed to squeeze the Ellenburger perfs from 7452' to 7526'. Place a cement retainer at approx. 7350 and perforate the Wantz Abo from approx. 6865' to 7265'. Place well on production.

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED M. E. Yeakley TITLE Staff Supervisor DATE 5-14-69

(This space for Federal or State office use)

PERMIT NO. ________ APPROVAL DATE ________

APPROVED BY ________ TITLE ________ DATE ________

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
MAY 15 1969
ARTHUR R. BROWN
DISTRICT ENGINEER

*See Instructions On Reverse Side