

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface 660' FNL and 1980' FEL, Sec. 35, T-21S, R-37E,
Lea County, New Mexico, N.M.P.M.

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

1 1/2 miles east of Eunice, New Mexico

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)18. DISTANCE FROM PROPOSED LOCATION* 1100' East
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. of Well No. 4

16. NO. OF ACRES IN LEASE

480

19. PROPOSED DEPTH

7300'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3384 D.F.

22. APPROX. DATE WORK WILL START*

7-15-67

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6 1/4"	5" Liner	13#	7300'	85

Previously the subject well was completed in the Blinebry Gas and Drinkard Oil Pools. It is presently producing from the Blinebry Gas, while the Drinkard completion is plugged. It is proposed to deepen and dual complete in the Abo formation, in order to develop additional oil reserves, following the procedures outlined below:

1. Drill out Model "D" packer at 5772 and CIPB at 6400'.
2. Squeeze Drinkard perforations at 6466-6547' w/30 sacks cement.
3. Drill out to 7300'.
4. Run 5" liner and cement with 85 sacks cement.
5. Drill out to TD.
6. Run Gamma Ray-Neutron-Collarlog and selectively perforate from 6700' 7300' w/16 3/8" single plane jet shots.
7. Sandfracture Abo perfs.

See Attachment (continued)

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

Jesse R. Stork

TITLE Supervising Engineer

DATE 7-5-67

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

USGS-5 PAN AM-Hobbs-2 ATL-Ros-2 CHEV-Mid-2

*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.

LC 032096 (B)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

NMFU

8. FARM OR LEASE NAME

Lockhart B-35

9. WELL NO.

2

10. FIELD AND POOL OR WILDCAT

Blinebry Gas Pool

11. SEC., T., R., M., OR BLM.
AND SURVEY OR AREA

Sec. 35, T-21S, R-37E

12. COUNTY OR PARISH

Lea

13. STATE

N.M.

8. Test Abo
9. Run 2 1/2" tubing, dual retrievable tensior -set type production packer, 2 1/2" tailpipe and 1" vent string. Packer to be set at approximately 6375', tailpipe at 6900'.
10. Place well on production.