

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
 Box 460, Hobbs, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 1980' FNL & 660' FEL Sec. 8, T-21S, R-37E,
 Lea County, New Mexico
 At proposed production zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 8 miles Northwest of Eunice

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1320' W

16. NO. OF ACRES IN LEASE
 40

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.
 6650'

19. PROPOSED DEPTH
 6650'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3522 KB

22. APPROX. DATE WORK WILL START*
 9-13-65

5. LEASE DESIGNATION AND SERIAL NO.
 LC 031741 A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 N.M.F.U.

8. FARM OR LEASE NAME
 Hawk A

9. WELL NO.
 2

10. FIELD AND POOL OR WILDCAT
 NMFU Field
 Drinkard Pool

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA
 S-8, T-21S-R-37E

12. COUNTY OR PARISH 13. STATE
 Lea N.M.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

On latest test dated 7-15-65, on intermittent flow, produced at rate of 4 BOPD, no water, 10 MCFGPD through 38/64" choke w/GOR 2500. TP 450# CP 450# from Queen formation.

The well is presently producing near economic limit in the Queen formation, and no remedial work can be justified. Since many successful completions have been made in the upper Drinkard and Blinebry, it is recommended that the Queen formation (3507-3640) be squeezed and drilled out to 6650' and the upper Drinkard (6650'-6618') be perforated, treated and tested. Set Bridge Plug at 6500' perforate Blinebry (5830-6070) treat and frac, and dual complete. Exact depths to be determined from new logs.

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 Hal R. Stephens TITLE Staff Supervisor DATE 9-10-65

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:
 USGS-5, NMOCC-2, LPT, PAN AM HOBBS-3, ATL ROS-2, CALIF MID-2.

