

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. LC 032096 b
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Continental Oil Company			7. UNIT AGREEMENT NAME NMFU
3. ADDRESS OF OPERATOR Box 460, Hobbs, New Mexico 88240			8. FARM OR LEASE NAME Lockhart B-11
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 330' FNL + 1650' FWL, Section 11, T-21S, R-37E, Lea County, New Mexico. At proposed prod. zone Same			9. WELL NO. 4
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT Drinkard
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 11, T-21S, R-37E
16. NO. OF ACRES IN LEASE 400			12. COUNTY OR PARISH Lea
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE NM
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			14. ROTARY OR CABLE TOOLS
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3462' DF			22. APPROX. DATE WORK WILL START* Immediately

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
No Change				

Production from the Abo is no longer economical, therefore, to develop additional reserves it is proposed to plug back from the Abo to the Drinkard and dually complete with the Blinberry as approved by NMOC Administrative Order MC-1799.

It is proposed to set a plug at 6835, run a GR-N log 6800-5800 selectively perforate the Drinkard with 1 JS PF. The perfs will be stimulated with acid and sand frac as necessary to place the well on production. Drinkard tubing will be run with packer set at 6175 and Blinberry tubing to 5969. 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 Robert Gault III TITLE Adm. Sec. Chief DATE 1-29-68  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE JAN 31 1968  
APPROVED BY A. R. Brown TITLE DISTRICT ENGINEER  
CONDITIONS OF APPROVAL, IF ANY:

USGS-5 Atl-Ras-2 Chev-Mid-2 PanAm-Hobbs-2 File