

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 ☒		5. LEASE DESIGNATION AND SERIAL NO. LC No. 032096 b
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Continental Oil Company		7. UNIT AGREEMENT NAME NMEU
3. ADDRESS OF OPERATOR Box 460 - Hobbs, New Mexico		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 & 480' FEL, SEC 11-21S-37E, Lea Co., New Mexico, NMPM At proposed prod. zone SAME		9. WELL NO. 7
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4 miles north & 2 miles east of Eunice, New Mexico		10. FIELD AND POOL, OR WILDCAT Brunson Ellenburger
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) 330' FNL & 480' FEL, Sec. 11-21S-37E, Lea Co., N.M. 200' west of Lockhart B-1 No. 6		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA 11-21S-37E
16. NO. OF ACRES IN LEASE 1680		12. COUNTY OR PARISH Lea
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE N.M.
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT. Lockhart B-1 No. 6 8042 TD, 7800 FB		20. ROTARY OR CABLE TOOLS NA
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 8041 DF		22. APPROX. DATE WORK WILL START* March 15, 1964

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8	48	248	250
12 1/4	9 5/8	40, 36, 32, & 30	3152	1260
8 3/4	7	23 & 26	8041	940

On the latest test the Lockhart B-11 No. 7 pumped 3 BO and no wtr W/312 MCFG in 24 hours. Remedial work on the Ellenburger formation has proven unsuccessful in this area. Thus in order to return the well to a profitable & commercial status, it is proposed to abandon the Ellenburger formation and dual complete in the Blinebry and Abo formations. The following procedure is to be used: Set a bridge plug at 7,800. Perforate the Abo at selected intervals from 6912-7396 W/1 JSFF. Acidize Abo W/15,000 gallons. Perforate the Blinebry at selected interval from 5890-6115 W/1 JSFF. Treat Blinebry in 3 equal stages W/400 gallons acid, 20,000 gal crude, 20,000# SD, & 1000# "ADOMITE ADDITIVES" per stage.

Your approval of this work is requested.

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 _____ TITLE Assistant District Manager 2-28-64

(This space for Federal or State office use)

PERMIT NO. _____

SUBJECT TO PLACING 2 SACK CEMENT PLUG ON TOP OF
APPROVAL DATE
MAR 1 1964
BRIDGE PLUGAPPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

USGS (5) NMCCC (2) ABS IAN AM (3) CALIF CIL Hous. Mid (1 ea) Atl (1)
ACTING DISTRICT ENGINEER

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.