

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 032096A	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input 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			8. FARM OR LEASE NAME Lockhart A-17	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FNL and 660' FEL Sec. 17-21S-37E, Lea County At proposed prod. zone New Mexico			9. WELL NO. 3	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4 miles North of Eunice, New Mexico.			10. FIELD AND POOL, OR WILDCAT Blinebry	
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 17-21S-37E	
16. NO. OF ACRES IN LEASE			12. COUNTY OR PARISH LEA	
17. NO. OF ACRES ASSIGNED TO THIS WELL			13. STATE N.M.	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			20. ROTARY OR CABLE TOOLS	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3483 DF			22. APPROX. DATE WORK WILL START*	

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
No Change				

Subject well was completed 9-20-47 at a TD of 6645' for an IP of 170 BO, no water in 6 hours.

In August 1955 subject well was plugged back to the Blinebry for an IP of 115 BO, 15 BW.

Latest test Blinebry pumped 2 BO. Since the Blinebry has produced to its economic limit further remedial work cannot be justified.

Therefore, it is proposed to squeeze the Blinebry perforations 5610-5900, 6623-6627, and open hole 6629-6645, and selectively perforate and stimulate the Drinkard 6481-6602 with a large volume of sand frac treatment.

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 W. P. Stephens TITLE Staff Supervisor DATE 9-5-65

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

USGS-5, NMOCC-2, PAN AM HOBBS-2, ATL ROS-2, CALIF MID-2 FILE 2

*See Instructions On Reverse Side