

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 checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC 031741 (b)		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <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 Hawk B-10		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 460' FNL & 1980' FWL of Sec. 10, T-21S, R-37E At proposed prod. zone Lea County, New Mexico, NMPM Same		9. WELL NO. 10		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT NMFU Field Blinebry & Drinkard Pool SEC. T, R, M, OR BLK. AND SURVEY OR AREA Sec. 10, T-21S, R-37E		
10. DISTANCE FROM PROPOSED* 460' FNL of Sec. 10 LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. T-21S, R-37E (Also to nearest drilg. unit line, if any)	16. NO. OF ACRES IN LEASE 200	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.	19. PROPOSED DEPTH 6,790	20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3460 GL		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
	13 3/8"	48#	337	300 circ.
	8 5/8"	24#, 32#	3000	350 Ret to 1900'
	5 1/2"	14#, 15.5#	6485	505 Ret to 3150'
	4"	9.11#	6790	50

It is proposed to deepen through the Drinkard and dual complete the subject well with the currently producing Blinebry oil zone using the following procedure:

1. Temporarily shut off present Blinebry perfs (5782-5929) with cement.
2. Drill out cement and clean out to TD (6485).
3. Squeeze Tubbs perfs (6248-6422) with cement.
4. Drill out cement and deepen to 6790 with gas if available.
5. Run Gamma Ray-Sonic log.
6. Set and cement 4" OD flush joint liner from TD to 6450.
7. Run Gamma Ray-Collar log from TD to 5600.

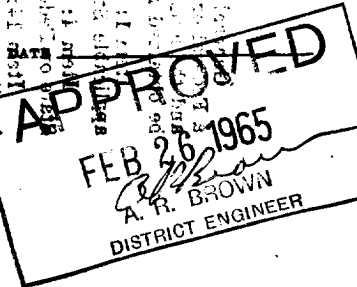
(See attachment)

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: J. A. IVERSON	TITLE Staff Supervisor	DATE 2-24-65
(This space for Federal or State office use)		
PERMIT NO.	APPROVAL DATE	
APPROVED BY	TITLE	
CONDITIONS OF APPROVAL, IF ANY:		

USGS -5, NMOCC-2, JM, Pan Am Hobbs-3, Atl. Ros-2, Calif-Mid-2

*See Instructions On Reverse Side



Oil Well (X)

Deepen (X) Multiple Zone (X)

8. Perforate Drinkard with one shot per foot (Approx. 12 shots)
9. Treat with 2000 gals acid, 40,000 gals lease crude, 40,000 lbs. sand and 2,000 lbs "ADOMITE" Additives down 3 1/2" tubing.
10. Recover load oil and potential Drinkard.
11. Set Model "D" Packer above Drinkard (in 5 1/2" csg.) and retrievable bridge plug above packer.
12. Reperforate Blinebry with one shot per foot @ 5745, 5758, 5785, 5790, 5800, 5805, 5817, 5831, 5848, 5877, 5893, 5899, 5915, 5928, 5939, 5996, and 6017.
13. Treat each interval with 1,000 gals acid, 20,000 gals lse. crude 20,000 lbs sand and 1,000 lbs "ADOMITE" Additives down 3 1/2" tubing in two equal stages with packer set between 5848 and 5877.
14. Swab and test Blinebry.
15. Pull retrievable bridge plug and run dual completion equipment.

Your approval of the above work is requested.