

UNITED STATES
DEPARTMENT OF THE INTERIORS
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 031622 (b)(a)		
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 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 P. O. Box 460, Hobbs, New Mexico 88240			8. FARM OR LEASE NAME Sanderson AB-14		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 330' FNL and 660' FWL, Sec. 14, T-20S, R-36E, Lea County, New Mexico. At proposed prod. zone Same			9. WELL NO. 1		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT Monument, G.S.A. Pool		
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 36 Sec. 14, T-20S, R-37E		
16. NO. OF ACRES IN LEASE			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.			19. PROPOSED DEPTH 3787'		
20. ROTARY OR CABLE TOOLS			21. APPROX. DATE WORK WILL START* 7-14-67		
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 3575' D.F.					

23. PROPOSED CASING AND CEMENTING PROGRAM

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

The subject well is presently producing an average of 23 BO, 3 BW, and 865 MCFC per day.

It is proposed to increase production from the Queen Zone and squeeze the non-productive Monument G.S.A., following the procedure outlined below:

1. Spot cement on bottom up to 3787'.
2. Treat open hole section w/string shot. (3751'-3787').
3. Acidize w/1500 gals. 15% LSTNE Acid.
4. 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 Jesse D. Hark TITLE Supervising Engineer DATE 7-7-67

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

USGS-5 ATL-Ros-2 PAN AM-Hobbs-2 CHEV-Mid-2 FILE

*See Instructions On Reverse Side

APPROVED
DATE JUL 10 1967
A. H. DROUIN
DISTRICT ENGINEER