

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 ☒			6. LEASE DESIGNATION AND SERIAL NO. LC - 031670(1)	
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐			7. UNIT AGREEMENT NAME SEMU	
2. NAME OF OPERATOR Continental Oil Company			8. FARM OR LEASE NAME SEMU MCKEE	
3. ADDRESS OF OPERATOR Box 460 Hobbs, N.M.			9. WELL NO. 58	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FNL & 1980' FWL of Sec. 29, T-20 S At proposed prod. zone R-38E, Lea County, N. Mex.			10. FIELD AND POOL, OR WILDCAT Wash. McKee Simpson	
11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA Sec 29, T-20S, R-38E			12. COUNTY OR PARISH Lea	
13. STATE N.M.			14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)			16. NO. OF ACRES IN LEASE	
17. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			18. PROPOSED DEPTH PB 7900	
19. ELEVATIONS (Show whether DF, RT, GR, etc.) 3550' DF			20. ROTARY OR CABLE TOOLS 40	
21. APPROX. DATE WORK WILL START* 2-1-70			22. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15	10 3/4	32.75	255	250 sacks
9 7/8	7 5/8	24	400.4	1800 "
6 3/4	5 1/2	15.5 & 17	911.9	525 "

It is proposed to PB and test the Devonian, if nonproductive squeeze and test Oriskany by the following procedures.

Set a cast iron bridge plug at approx 7900' with 10' of cement on top. Run GR/N log - perf. Devonian from 7783' to 7805'. Treat perf with 1000 gals 20% acid. Test - if nonproductive - squeeze with 100 sacks cement and perforate Oriskany from 6801' to 6874'. Treat perf & test.

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 M. E. G. [Signature] TITLE Admin. Section Chief DATE 1-23-70

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

31242-5

N 4750 [Signature]

*See Instructions On Reverse Side

JAN 28 1970