

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAR 17 1970

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☐ DEEPEN ☐ PLUG BACK ☒		6. LEASE DESIGNATION AND SERIAL NO. LC-029405(2)
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Continental Oil Company		8. FARM OR LEASE NAME Mitchell A
3. ADDRESS OF OPERATOR Box 460, Hobbs, N. Mex.		9. WELL NO. 4
4. LOCATION OF WELL (Report location clearly, and in accordance with any State requirements.) At surface 1980' FNL & 460' FNL of Sec. 20, T-17S, R-32E, Jea County, N. Mex. At proposed prod. zone Same		10. FIELD AND POOL, OR WILDCAT maly, G-SA
11. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		12. COUNTY OR PARISH 13. STATE Jea N. Mex.
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest city, unit line, if any.)	16. NO. OF ACRES IN LEASE 7,853 (unit) MCA	17. NO. OF ACRES ASSIGNED TO THIS WELL 40 (jointly w/MCA 51)
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH PB 4120	20. ROTARY OR CYCLE TOOLS
21. ELEVATIONS (Show whether DF, RI, GR, etc.) 3968' DF		22. APPROX. DATE WORK WILL START* 3-16-70

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11	7 5/8	26.4	747	circulated
6 7/8	4 1/2	9.5	5350	350 sacks

It is proposed plug the Paddock zone by setting a CIBP at 4120 with 1 sack cement on top. Open the San Andres at 4016' and 4046' with 2 15CF. Treat the perms with 3,000 gals 15% LSTHE and place the well on test.

When this work is completed, this well will be redesignated as MCA Unit NO. 253.

IN ABOVE SPACE, GIVE 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 prevention program, if any.

24. SIGNED M.E. Yeakley TITLE Asst. Section Chief DATE 3-10-70

(This space for Federal or State official use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

MAR 11 1970

ARTHUR R. BROWN
DISTRICT ENGINEER

DATE

v2222 5, 316, mca

*See Instructions On Reverse Side