Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: NM 05576 86

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WORK: DRILL ☐ DEEPEN ☐ PLUG BACK ☒

7. UNIT AGREEMENT NAME: NMFU

b. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER Recomplete SINGLE ZONE ☐ MULTIPLE ZONE ☐

8. FARM OR LEASE NAME: SEMU Richard Wier

2. NAME OF OPERATOR: Continental Oil Company

9. WELL NO.: 3

3. ADDRESS OF OPERATOR: P.O. Box 460 Hobbs New Mexico 88240

10. FIELD AND POOL, OR WILDCAT: Maljamar Grayburg

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1980' FNL & 660' FWL of Sec. 23
At proposed prod. zone: Same

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 23 T-17S R-32E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

12. COUNTY OR PARISH: Lea 13. STATE: N. Mex.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1980

16. NO. OF ACRES IN LEASE: 1900

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: 7700'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3540' 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		

It is proposed to plug back and recomplete this well by the following procedure: Spot 30 sacks cement across perfs from 7000'-7700'. Perf. w/4-way jet at 6940', set retainer @ 6840'. Squeeze w/100 sacks cement. Drill out retainer & plug to 6935'. Perf w/2 JSPF at 6911'-6923' & 6885'-6890'. Set BP at 6930'. Set Pkr at 6800'. Treat 6911'-6923' w/500 gal 28% HCL-NE acid. Move BP to 6900' & set Pkr to 6800'. Treat 6856'-6890' w/1000 gal. 28% HCL-NE acid. Remove BP at 6930' & Pkr. at 6815' & run tubing. If commercial run producing equipment & place on production. If non-commercial perform bleed production test & attempt to recomplete Grayburg intervals from 6780' to 6840' and 6616'-6716'.

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: [signature] TITLE: Division Production Manager DATE: [illegible]

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

USGS-6, NMOCC-4, File