

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. LC 031670(a)
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Continental Oil Company		7. UNIT AGREEMENT NAME SEMU Permian
3. ADDRESS OF OPERATOR Box 460, Hobbs, New Mexico		8. FARM OR LEASE NAME SEMU Permian
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1980' FSL & 660" FSL, Sec 19-20S-38E, Lea County, New Mexico, NMPM. At proposed prod. zone Same		9. WELL NO. 40
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 9 miles North of Eunice, New Mexico		10. FIELD AND POOL, OR WILDCAT Skaggs Grayburg Pool
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) 1980' FSL & 660' FSL		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 19-20S-38E
16. NO. OF ACRES IN LEASE 5.400		12. COUNTY OR PARISH Lea
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE New Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 330' South & West No. 57		20. ROTARY OR CABLE TOOLS Rotary
19. PROPOSED DEPTH 3,941'		22. APPROX. DATE WORK WILL START* 3-4-64
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3,547' PT		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	18.8#	254	200 sx
8 3/4	5 1/2	14# & 15.5#	3,729	1,400 sx

In accordance with NMOC Order No. R-1710, it is proposed to convert SEMU Permian No. 40 to a waterflood injection well. This work is in conjunction with the expansion of the Skaggs Pool Pilot Injection program. The following work is proposed:

1. Pull production tubing.
2. Clean out well, if necessary.
3. Deepen well 15'.
4. Run plastic-coated tubing with shorty tension packer; set packer at 3650'.
5. Connect water supply and start injection.

Your approval of the above work is requested.

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 _____ TITLE Assistant District Manager DATE 2-26-64

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL APPROVED

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

J. L. GORDON

ACTING DISTRICT ENGINEER

*See Instructions On Reverse Side

USGS(5) NMOC(2) ABS PanAm-Hobbs(3) Atl-Ros(2) Calif-HouMid(1 ea.)

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.