

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒ Re-enter & DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ OTHER Convert to WIW SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Continental Oil Company

3. ADDRESS OF OPERATOR

Box 460 Hobbs New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

330' FSL & 2310' FWL of Sec. 26, T-17S, R-32E in Lea

At proposed prod. zone

County, New MexicoSame

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

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

4470'17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS

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

3957' 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
<u>17 1/2"</u>	<u>13 3/8"</u>		<u>345'</u>	<u>375</u>
<u>12 1/4"</u>	<u>8 3/8"</u>	<u>24#</u>	<u>4517'</u>	<u>950</u>

Drill plugs with 12 1/4" bit to top of cut off casing. Run 2200' of 8 3/8", 24#, J-55 casing w/ casing bowl and tie in to cut-off casing. Last casing. Drill out dry plugs and cleanout to 4470' - on wireline CIBP at 4470' w/ 1 sack cement on top. Run Gamma Ray Collar log from 4470' to 3400'. Perforate selected intervals. Treat 7th zone w/ 3000 gallons 15% LSTNE acid. Treat 6th zone w/ 1000 gallons mud acid followed w/ 20,000 gallons treated produced water and w/ 30,000# of 20-40 sand at 1900 HHP. Run cement lined 2 3/8" OD tubing w/ packer to be set at approx. 3850'. Hook up for water injection.

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. Yeakley

TITLE

Adm Section Chief

DATE

7-9-69

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

USDS-5, Partners, File

APPROVED

JUL 15 1969

ARTHUR R. BROWN
DISTRICT ENGINEER

*See Instructions On Reverse Side