

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 ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Continental Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 460, Hobbs, New Mexico

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

At surface

1980' FSL and 330' FEL of Sec. 11, T-21S, R-37E

At proposed prod. zone

Lea County, New Mexico, NMPM.

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

10. DISTANCE FROM PROPOSED* 330' FEL of Sec. 11

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. T-21S, R-37E
(Also to nearest drlg. unit line, if any)

15. NO. OF ACRES IN LEASE

480

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

6,780

20. ROTARY OR CABLE TOOLS

Rotary

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

3,446' RT

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
	10 3/4"	32.75#	225	300 circ.
	7 5/8"	24#	2953	700 Ret to 1350
	5 1/5"	14#, 15.5#	5902	300 Ret to 2825
	4"	9.11#	6780	100

It is proposed to deepen the subject well through the Drinkard formation and dual complete with the currently producing Blinebry Oil Zone using the following procedure:

1. Shut off present Blinebry perfs (5696-5898) with cement.
2. Drill out cement and deepen to 6780' with gas.
3. Run Gamma Ray Sonic log.
4. Set and cement 4" OD flush joint liner from TD to 5880'.
5. Run Gamma Ray-Collar log from TD to 5600'.
6. Perforate Drinkard with one shot per foot (Approx. 12 shots)
7. Treat with 2000 gals acid, 40,000 gals lease crude, 40,000 lbs. sand and 2,000 lbs. ADOMITE Additives.

(SEE ATTACHMENT)

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 Signed: J. A. IVERSONTITLE Staff SupervisorDATE 2-24-65

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

USGS-5, NMOCC-2, JM

PAN AM Hobbs-3, ATL ROS-2, CALIF MID -2

*See Instructions On Reverse Side

