

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYHOBBS OFFICE O.C.C.
10 30 AM '64

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

~~DRILL~~ ☒ Re-enterDEEPEN ☐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

Box 460, Hobbs, New Mexico

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

At surface 660' PSL & 1320' PSL, Sec. 33, T-17N, R-32E,

Lea County, New Mexico, NMPN.

At proposed prod. zone
Same

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

26 miles Southwest of Lovington, New Mexico

15. DISTANCE FROM PROPOSED* 660' PSL & PSL, Sec 33
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.1320' West
of No. 2

16. NO. OF ACRES IN LEASE

160

19. PROPOSED DEPTH

3695' TD

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80

20. ROTARY OR CABLE TOOLS

Rotary

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

3499 DF

22. APPROX. DATE WORK WILL START*

6-15-64

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8	24 & 28	1260	30 sx originally
8 5/8"	7"	20#	2620-3499*	*100 sx originally
Set in 7" casing	4 1/2	9.5	3630	500 sx

*Partially cased from 2620 to 3499 w/7" OD, 20# casing. Remainder was pulled when well was plugged & abandoned.

It is proposed to (1) drill cement plugs from 1250-1340', 2585-2630 & 3375-3630' with a 6" or 6 1/8" bit; (2) clean out to TD; (3) run 3630' of 4 1/2 OD, 9.5# J-55 casing & cement w/500 sx; (4) run Gamma Ray-Neutron log w/collar locator; (5) perf pay as determined from log & drilling samples with a maximum of 16 0.32" shots; (6) frac down 4 1/2 casing w/10,000 gals lsc crude containing 0.05#/gal "ADONITE" Mark II fluid loss additive & 20,000# sand; (7) run 2 3/8" OD 4.7# J-55 thb & clean out to TD if necessary; and (8) install pumping equipment & place well on production.

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 _____

5-18-64

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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.