

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☒ JUN 05 1991

PLUG BACK ☒

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER ☐

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

PENROL OIL CORPORATION

DIST. 6 N.M.

3. ADDRESS OF OPERATOR

P.O. Box 5910, Hobbs, New Mexico 88241

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

At surface

2005' FSL, 1813' FWL; Sec. 13, T9S, R35E

At proposed prod. zone

Same

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

2 Miles Northeast of Cross Roads, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

N/A

16. NO. OF ACRES IN LEASE

560

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

9800'

20. ROTARY OR CABLE TOOLS

Pulling Unit

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

4129' RDB

22. APPROX. DATE WORK WILL START*

April 10, 1991

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11 1/2"	11 3/4	47"	459'	575 SXS.
11	8 5/8	24-32"	4502'	1250 SXS.
7 7/8"	5 1/2	17-20"	11,466'	300 SXS.

Boomer to rig up pulling unit. Install BOP. RU Atlas wireline will sit CIBP approx. 10,000' & put 3 SXS. cement on top.

and run cement bond log. If good bonding and satisfactory cement top, plan to perforate Bough 'C' 9562'-9575' 4spf.

If cement top un-satisfactory; locate top of cement, perforate squeeze hole, and squeeze enough cement to bring cement top to approx. 8000'. Then perf. Bough 'C'; swab test, acidize if necessary. Put well on pump for test.

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

RESIDENT

DATE

6/3/91

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

6-17-91

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

JUN 20 1991

U.S. DEPARTMENT OF
HOMELAND SECURITY