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JUL 3 1985

DEPARTMENT OF THE INTERIOR

NM OIL CONS.

Drawer DD

Altesia, NM 88210

dsf

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒ OFFICEDEEPEN ☐PLUG BACK ☒

b. TYPE OF WELL

OIL WELL ☒GAS WELL ☐

OTHER

SINGLE ZONE ☒MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Champlin Petroleum Company

3. ADDRESS OF OPERATOR

P. O. Box 7946, Midland, TX 79708

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

At surface

660' FNL & 1980' FEL Unit Letter 'B'

At proposed prod. zone

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

5 miles east of Carlsbad, New Mexico

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

660'

16. NO. OF ACRES IN LEASE

440

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

1320'

19. PROPOSED DEPTH

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

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

3126' DF

22. APPROX. DATE WORK WILL START*

8-1-85

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8	54.5	475'	475 sx Cl 'C' w/2% CaCl. Circ.
12 1/2	9 5/8	36 & 40	2520'	1100 sx Circ.
8-3/4	7"	23 & 26	12,000'	68 sx.

This well is currently producing from the Carlsbad East (Wolfcamp) Field from perfs 9599 to 9725'.

Proposed Plug Back Procedure

1. Set DR plug in Model 'D' pkr @ 9570' and cap w/4 sx sand.
2. Perf 4 holes in 7" csg @ 2850' and break circ between 7" and 9-5/8" csg strings. Then cement w/sufficient slurry to tie back at least 200' above 9-5/8" csg shoe @ 2850' (Note: If unable to break circ. block squeeze @ 2850' and if necessary at 2600'.)
3. Drill out to 2800' and test.
4. Perforate 2700-27 w/1 shot/ft.
5. Acidize w/3000 gals. 15' HCL Acid and 35± B.S.
6. Swab test.
7. Fracture treat, if necessary.
8. Swab test & return to production.

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

Donald W. Tally

TITLE

Senior Engineer

DATE

7/9/85

(This space for Federal or State office use)

PERMIT NO.

Orig. Sec. Charles G. B. 123

APPROVAL DATE

APPROVED BY

TITLE

DATE

7-29-85

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.