

DEPARTMENT OF NATURAL RESOURCES  
OIL AND GAS COMMISSION  
OF THE STATE OF COLORADO

00531020

RECEIVED

DEC 17 1970

COLO.

5. LEASE DESIGNATION AND SERIAL NO.  
OIL & GAS CONS. COMM.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Froetschner

9. WELL NO.

33-13

10. FIELD AND POOL, OR WILDCAT

Ladder Creek

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Section 13, T15S, R45W

12. COUNTY

Cheyenne

13. STATE

Colorado

## 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

Union Pacific Railroad Company - NRD

3. ADDRESS OF OPERATOR

P. O. Box 1257, Englewood, Colorado 80110

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

At surface

C NW SE

At proposed prod. zone

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

From Cheyenne Wells, 1 miles west, 2-1/2 miles south

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. line, if any)

1980'

16. NO. OF ACRES IN LEASE \*

640

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

80

18. DISTANCE FROM PROPOSED LOCATION

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT. Initial well

19. PROPOSED DEPTH

5550'

20. ROTARY OR CABLE TOOLS

Rotary

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

22. APPROX. DATE WORK WILL START

December 28, 1970

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"	48#	750	700 sacks
11" to 3000'	8-5/8"	24#	3000	200 sacks
7-7/8" to 5550'	5-1/2"	14#	5550	150 sacks

\* DESCRIBE LEASE All of Section 13.

1. Drill 17-1/2" hole to 750'. Set 13-3/8", 48# casing at 750' and cement back to surface.
2. Drill 11" hole to 3000'. In the event of severe lost circulation, 8-5/8" casing will be set at 3000' and cemented with 200 sacks cement.
3. Drill 7-7/8" hole to T.D. In the event of commercial production, 5-1/2" casing will be set through and cemented with 150 sacks cement.

Order No. 219-1

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

R. A. Scott

TITLE Dist. Drilling Superintendent

DATE 12-15-70

(This space for Federal or State office use)

PERMIT NO.

70 738

APPROVAL DATE

APPROVED BY

TITLE

DIRECTOR  
O & G CONS. COMM.

DATE

DEC 17 1970

CONDITIONS OF APPROVAL, IF ANY:

A.P.I. NUMBER

05 017 6103

See Instructions On Reverse Side