

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

28210

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

NM 33437

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Roche Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

North Shugart Bone Springs

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

Sec. 7, T18S, R31E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

17. NO. OF ACRES ASSIGNED

40

20. ROTARY OR CABLE TOOLS

N/A

22. APPROX. DATE WORK WILL START*

When permitted

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

Enron Oil & Gas Company (Formerly BelNorth Petroleum Company)

3. ADDRESS OF OPERATOR

P. O. Box 2267, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with instructions on reverse side)

1980' FSL & 1980' FEL
At proposed prod. zone

1980' FSL & 1980' FEL

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

7 miles from Loco Hills

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

1980'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

19. PROPOSED DEPTH

8430'

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

3617.3' GR

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#	654'	800 sacks
12-1/4"	9-5/8"	43.5#	4588'	2650 sacks w/DV tool at 1702'
5-1/2"	8-1/2"	17 & 20#	12042	700 sacks

Proposed procedure to plug back from North Shugart Morrow.

PU & TIH w/5-1/2" CIBP. Set at 11,450' and dump 35' cement on top.

Perf 4 holes at 8450'; set EZSV at 8430'. Mix and pump 150 sacks Class H + 5 lbs salt/sx + 0.6% Halad-9.

Run GR/CCL/CBL from PBTD at 8430' to TOC.

Perf Bone Springs as follows: 8275 - 8298 & 8304 to 8346 (20 - 0.42" holes)

TIH with tubing & packer to 8200'.

(OVER)

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

Betty Gildon

Betty Gildon

TITLE

Regulatory Analyst

DATE

3/27/87

(This space for Federal or State office use)

PERMIT NO.

Orig. Sgd. *[Signature]*

APPROVAL DATE

APPROVED BY

Acting Area Manager

TITLE

DATE

3-31-87

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side