

c/sr

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

RECEIVED

5. LEASE DESIGNATION AND SERIAL NO.
NM 33437-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SEP 13 11 12 AM '89

7. UNIT AGREEMENT NAME
CARL...
AR...
...
...
...

8. FARM OR LEASE NAME
Roche Federal

9. WELL NO.
3

10. FIELD AND POOL, OR WILDCAT
Shugart, North Bone Spring

11. SEC. T. E. M. OR BLK.
AND SURVEY OR AREA
Sec. 7, T18S, R31E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

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

2. NAME OF OPERATOR
Enron Oil & Gas Company

3. ADDRESS OF OPERATOR
P. O. Box 2267, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 2180' FSL & 660' FEL
 At proposed prod. zone
 2180' FSL & 660' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
12 miles SE from Loco Hills

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 460'
 (Also to nearest drlg. unit line, if any) 460'

16. NO. OF ACRES IN LEASE
320

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.
1335'

19. PROPOSED DEPTH
8600'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3640.9' GR

22. APPROX. DATE WORK WILL START*
October 10, 1989

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15-1/4"	11-3/4"	42# H-40 ST&C	650'	550 sacks Circulated
10-5/8"	8-5/8"	24# K-55 ST&C	2500	575 sacks Circulated
7-7/8"	5-1/2"	17# K-55 LT&C	8600'	1025 sacks

TO RENEW EXPIRED PERMIT (EXPIRED 5/31/88) API #30-015-25928

BOP - Install at 2500' with 5000# cap.

Gas is dedicated.

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 9/12/89

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY Orly Signed by Clarence J. Shaw TITLE _____ DATE 9.26.89

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side