

NEW PROJECTED DEPTH
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRII ATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1425.

C/S

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
Liberty Oil & Gas

3. ADDRESS OF OPERATOR
Suite 200
1776 Woodstead Ct. The Woodlands, Texas, 77380

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 1980' FSL & 1980' FEL NW/4 SE/4

At proposed prod. zone Same

5. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
7 miles northeast of Carlsbad, N.M.

13. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)
1980' E

16. NO. OF ACRES IN LEASE
640

17. NO. OF ACRES ASSIGNED
TO THIS WELL
320

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

19. PROPOSED DEPTH
12,000'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
1463.5' OR

22. APPROX. DATE WORK WILL START*
Aug. 1, 1983

5. LEASE DESIGNATION AND SERIAL NO.
NM-15873

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Doris Federal

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Burton Flat-Morrow

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 26, T20S, R28E

12. COUNTY OR PARISH
Eddy

13. STATE
N.M.

PROPOSED CASING AND CEMENTING PROGRAM

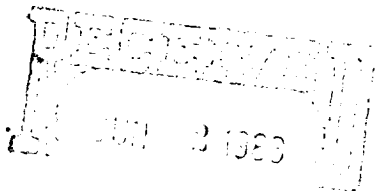
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6"	20"	30.0#	40'	Redi-mix to surface
7 1/2"	13 3/8"	48.0#	600'	280 sx(Circulate)
12 1/4"	9 5/8"	36.0#	3200'	550 sx(Circulate)
9 1/2"	8 1/2"	15.5 & 17.0#	12000'	500 sx

Propose to drill to the Morrow formation and test for possible commercial production.

Sketch is attached.

See dedication.

Original permit to drill was approved in July 1982 for a 5700' test.



OR & GAS
ROSWELL, NEW MEXICO

1. 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 _____ TITLE Agent DATE 6/2/83

(This space for Federal or State office use)

PERMIT NO. APPROVED APPROVAL DATE

(Orig. Sgd.) PETER W. CHESTER

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

JUL 27 1983

Posted 2 p.m.
JUL 14 1983
7-29-83