

NEW PROJECT DEPTH
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN 2 COPIES
(Other instructions on
reverse side)

Budget Bureau No. 42-R1425

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

A. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

B. TYPE OF WELL
OIL ☐ GAS ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

C. NAME OF OPERATOR
Liberty Oil & Gas
ADDRESS OF OPERATOR Suite 200

1776 Woodstead St. The Woodlands, Texas 77380
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

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

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

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

G. ELEVATIONS (Show whether DF, RT, GR, etc.)
3263.5' GR

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 13. STATE

Eddy

N.M.

16. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED TO THIS WELL

640

320

19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS

12,000'

Rotary

22. APPROX. DATE WORK WILL START

Aug. 1, 1983

PROPOSED CASING AND CEMENTING PROGRAM

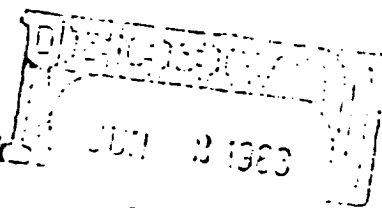
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	90.0#	40'	Pedi-mix to surface
17 1/2"	13 3/8"	48.0#	600'	280 sx(Circulate)
12 1/4"	9 5/8"	36.0#	3200'	550 sx(Circulate)
7 7/8"	5 1/2"	15.5 & 17.0#	12000'	500 sx

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

BCP sketch is attached.

Gas is dedicated.

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



OIL & GAS

ROSWELL, NEW MEXICO

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 control program, if any.

SIGNED _____ TITLE Agent DATE 6/2/83

(This space for Federal or State office use)

PERMIT NO. APPROVED BY Peter W. Chester APPROVAL DATE

APPROVED BY CONDITIONS OF APPROVAL DATE 6/2/1983 TITLE

