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(No. 9-331C)

DEC 13 1984

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. ARTESIA OFFICE

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Liberty Oil & Gas Corporation ✓

3. ADDRESS OF OPERATOR

1776 Woodstead Court, Suite 200, The Woodlands, Texas 77380

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

At surface

1980' FSL & 1980' FWL NE/4 SW/4 Unit XS

At proposed prod. zone

Same

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

8 miles northeast of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

188.25

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.

19. PROPOSED DEPTH

6100'

20. ROTARY OR CABLE TOOLS

Rotary

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

3197' GR

22. APPROX. DATE WORK WILL START*

November 20, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|-----------------|----------------|-----------------|---------------|---|
| 12 1/4" 17 1/2" | 13 3/8" | 54.50# | 400' | 400 sx(Circulate) |
| 12 1/4" 11 0" | 8 5/8" | 24 & 28# | 2550' | 1150 sx(Circulate) |
| per 7 7/8" | 5 1/2" | 15.50# | T.D. | Sufficient to isolate all oil, gas, and water zones. |

Proposed plans are to drill through the Bone Spring formation and test
for possible commercial production of oil and gas.

Attached is a copy of Liberty's lessee bond covering the lands described
under Lease No. NM-40256.

BOP sketch is also attached.

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

Jerry W. Franklin

TITLE

Agent

DATE

11/08/84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

AREA MANAGER

TITLE CARLSBAD RESOURCE AREA

DATE

12-12-84

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.