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SUBMIT IN TRI. DATE: Form approved.
To the instructions on the back of this form. (Reverse side)
NM OIL CONS. COMMISSION
Drawer DD
Artesia, NM 88210

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

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

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Liberty Oil & Gas ☒

3. ADDRESS OF OPERATOR

1776 Woodstead Court, Suite 200, The O.G.D. Localands, Tx. 77380

4. LOCATION OF WELL (Report location clearly and in accordance with applicable requirements.)
At surface 1980' N & E SW/4 NE/4

At proposed prod. zone Same

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

7 1/2 miles northeast of Carlsbad, N.M.

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.

2810' SW

16. NO. OF ACRES IN LEASE

560

19. PROPOSED DEPTH

12,000'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

3240.8' GR

22. APPROX. DATE WORK WILL START*

Dec. 10, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20.0"	90.0#	40±	Redi-mix to surface
17 1/2"	13 3/8"	48.0#	600±	300 sx cement
12 1/4"	9 5/8"	36.0#	3000±	570 sx cement
7 7/8"	5 1/2"	15.5 & 17.0#	TD	350 sx cement

Proposed program is to drill to the Morrow formation and test for possible commercial production.

Gas not dedicated.

BOP diagram is attached.

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NOV 22 1982

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

12-10-82
Pastor
I.D.-1
NL & API

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 Terry W. Franklin TITLE Agent DATE 11/18/82

(This space for Federal or State office use)

APPROVED
(Orig. Sgd.) GEORGE H. STEWART

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DEC 1 1982
JAMES A. GILLHAM
DISTRICT SUPERVISOR