

RECEIVED
Form 1-1300
(May 1982)

NEW PROJECTED DEPTH

SUBMIT IN TRI-STATE
(Other instruct reverse side)

Form approved.
Budget Bureau No. 42-R1425.

AUG 2 1982

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

M. OIL CONS. COMMISSION
P. O. BOX 1980
HOBBS, NEW MEXICO 88240

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK
ARTESIA OFFICE

1. 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

77380

1776 Woodstead Court, Suite 200, The Woodlands, Tx

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

2310' FSL & 660' FWL NW/4 SW/4

At proposed prod. zone

Same

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

7 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)

660'

16. NO. OF ACRES IN LEASE

560

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

N/A

19. PROPOSED DEPTH

12,000'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 (W/2 Sec. 25)

20. ROTARY OR CABLE TOOLS

Rotary

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

3265.1' G.R.

22. APPROX. DATE WORK WILL START*

July 31, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	90.0#	40'	Redi-Mix to surface
17 1/2"	13 3/8"	48.0#	600'	280 sx(Circulate)
*12 1/4"	9 5/8"	40.0#	3000'	530 sx(Circulate)
8 3/4"	5 1/2"	15.5 & 17.0#	12000'	330 sx(2000' cement)

Original permit to drill was approved for a 5700' test. Proposed new projected depth is 12,000' to test the morrow formation.

*On intermediate string; possibly run 6000' of 9 5/8" casing instead of 3000'. Cement will be circulated to surface with the use of DV tool. DV tool set at 4500'. 1st stage will be cemented with 250 sx of cement. 2nd stage will be cemented with 650 sx of cement.

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

George H. Stewart

TITLE

Agent

DATE

7/29/82

(This space for Federal or State office use)

PERMIT NO.

(Orig. Sgd.) GEORGE H. STEWART

APPROVAL DATE

JUL 29 1982

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JAMES A. CRIBB
DISTRICT SUPERVISOR

RECEIVED

JUL 30 1982

O.C.D.
HOBBS OFFICE