

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM-17103

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lee Federal

9. WELL NO.

5-Y

10. FIELD AND POOL, OR WILDCAT

Wildcat-Bone Spring

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 25, T20S, R28E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

1. (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

OCT 19 1984

O. C. D.

ARTESIA, OFFICE

2. NAME OF OPERATOR

Liberty Oil & Gas Corporation

3. ADDRESS OF OPERATOR

1776 Woodstead Court, Suite 200, The Woodlands, Tx. 77380

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)

At surface

990'/S & 712'/W Unit letter L/M

14. PERMIT NO.

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

3247' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other) Intermediate Casing and Cement

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

9/19/84 Lost circulation at 1676'. Dry drilling.

9/20/84 Int. Casing Point 2550'. Ran 60 joints, 8 5/8", 24 & 28#, J-55, ST&C casing and set at 2545'.

Cement with 200 sx Class 'C' thixset, followed by 1000 sx Hal-light, tailed in with 200 sx Class 'C' cement. P.O.B. at 9:15 A.M. 9/21/84. Cement did not circulate.

W.O.C. 6 hours. R.U. and ran temperature survey and found T.O.C. at 1950'.

R.U. and ran 1" tubing to 1178' and could not get any deeper. Picked up 3/4" tubing and ran in hole to 1345'. Pumped 10 bbls fresh water down tubing. Moved 3/4" tubing down to 1775'. Could not get past this point with tubing. Received verbal permission to cement at 1775'.

Cemented from 1775' to surface with 675 sx Class 'C' cement through 3/4" tubing in 6 stages. Staged cement operations witnessed by Mr. John Wade Bureau of Land Mgt. Job complete 9/22/84

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Agent

DATE

10/11/84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO

\*See Instructions on Reverse Side