

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
COMMISSION
SUBMIT IN DUPLICATE
(See other Instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other T/A

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR
Liberty Oil & Gas Corporation ✓

3. ADDRESS OF OPERATOR
P.O. Drawer 810, New Roads, Louisiana 70760

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1780' FSL & 1980' FEL
At top prod. interval reported below
At total depth

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.

10. FIELD AND POOL, OR WILDCAT
Wildcat-Bone Spring

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 26, T20S, R28E

12. COUNTY OR PARISH
Eddy

13. STATE
N.M.

14. PERMIT NO.
O. C. D.

15. DATE SPUDDED
6/27/84

16. DATE T.D. REACHED
7/9/84

17. DATE COMPLETION (If applicable)
7/9/84

18. ELEVATIONS (DF, RNB, RT, GR, ETC.)*
3262.2' GR

19. ELEV. CASINGHEAD
3261'

20. TOTAL DEPTH, MD & TVD
5715'

21. PLUG, BACK T.D., MD & TVD
5200'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY
All

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
EPT, CNL-LDT, DLL-MSFL, NGT

27. WAS WELL CORED
No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5#	416'	17 1/2"	375 sx(Circulated)	
8 5/8"	24.0#	2717'	12 1/4"	1100 sx(Circulated)	
5 1/2"	15.5#	5715'	7 7/8"	395 sx(2 stages-DV too)	@ 4016')

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						
5366-5385' (4 SPF=80 holes) C.I.B.P. @ 5200' 4520-4530' (4 SPF=44 holes)	<table><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr><tr><td>5366-5385'</td><td>2000 gal 15% HCL acid</td></tr><tr><td>4520-4530'</td><td>2000 gal 15% HCL acid + 33,000# 20/40 sand + 25% CO₂</td></tr></table>	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	5366-5385'	2000 gal 15% HCL acid	4520-4530'	2000 gal 15% HCL acid + 33,000# 20/40 sand + 25% CO ₂
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33.* PRODUCTION

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in) _____

DATE OF TEST _____ HOURS TESTED _____ CHOKE SIZE _____ PROD'N. FOR TEST PERIOD _____

FLOW. TUBING PRESS. _____ CASING PRESSURE _____ CALCULATED 24-HOUR RATE _____ OIL—BBL. _____ GAS—MCF. _____ WATER—HBL. _____ OIL GRAVITY-API (CORR.) _____

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS
CARISBAD, NEW MEXICO

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Lucy W. Franklin TITLE Agent DATE 2/20/86

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		NAME	TOP MEAS. DEPTH	TRUE VERT. DEPTH
					Yates	905'	
					El Capitan	1410'	
					Delaware	2928'	
					Bone Spring	5000'	