

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ARTESIA, OFFICE

SEP 18 1984

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

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.

3

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.

1a. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other ☐

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)*

At surface

1980' FSL & 660' FEL Unit letter I

At top prod. interval reported below

5576'

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

7/11/84

16. DATE T.D. REACHED

7/28/84

17. DATE COMPL. (Ready to prod.)

8/20/84

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3278' GR

19. ELEV. CASINGHEAD

3277'

20. TOTAL DEPTH, MD & TVD

6310'

21. PLUG, BACK T.D., MD & TVD

6265'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

ALL

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

5576'-5600' (Bone Spring)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

1. EPT 2. LDT-CNL 3. DLL-MSFL 4. NGT

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	94.0#	40'	24.0"	3 yards Redi-mix	
13 3/8"	54.5#	428'	17 1/2"	475 sx(Circulated)	
8 5/8"	25.0#	2719'	11.0"	1780 sx(Circulated)	
5 1/2"	15.5#	6308'	7 7/8"	790 sx(2 stages)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	5539'	5539'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

5576-5600' (4SPF=100 shots)
1/3" diameter holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5576-5600'	2000 gal 15% HCL w/10% Acetic acid.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8/16/84		Flowing				Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS-OIL RATIO
8/17/84	24	9/64"	82	2,822	2,822	0	34,415:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1072 psi	pkc	82	82	2,822	0	60°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Shut-In waiting on pipeline connection.

TEST WITNESSED BY

Jerry Niven

35. LIST OF ATTACHMENTS

Multipoint and One Point Back Pressure Test is attached.

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

SIGNED

Jerry W. Franklin

TITLE

Agent

DATE

9/17/84

*(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, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Delaware	3092'	3092'
				Bone Spring	5485'	5485'