

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-0554244

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal "L"

9. WELL NO.

4

10. FIELD AND POOL OR WILDCAT

Querecho Plains-Upper
Bone Springs

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

23-18S-32E

12. COUNTY OR PARISH

Lea.

13. STATE

N.M.

14. PERMIT NO.

DATE ISSUED

API #30-025-30129

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:

OIL WELL ☒

GAS WELL ☐

DRY ☐

Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒

WORK OVER ☐

DEEP-EN ☐

PLUG BACK ☐

DIFF. REVR. ☐

Other _____

2. NAME OF OPERATOR

Mewbourne Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 7698, Tyler, Texas 75711

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

At surface

660' FNL & 1650' FEL

At top prod. interval reported below

At total depth

Same

15. DATE STUDDED

11/03/87

16. DATE T.D. REACHED

11/30/87

17. DATE COMPL. (Ready to prod.)

12/09/87

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

3789.2' GR

19. ELEV. CASINGHEAD

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20. TOTAL DEPTH, MD & TVD

8760'

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

8688'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

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

8431' - 8506' Bone Springs

JAN 5 1988

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DL-MG, SDL-DSN

27. WAS WELL CORED

Yes

28. CASING RECORD (Report all casing set in NEW MEXICO)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	61#	438'	17-1/2"	400 SXS (circ'd)	None
8-5/8"	24# & 32#	4318'	12-1/4"	1600 SXS (circ'd)	None
5-1/2"	17#	8760'	7-7/8"	1325 SXS	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	8387'	8387'

31. PERFORATION RECORD (Interval, size and number)

8431-8506', 45' for 50 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8431-8506'	5000 gals 7 1/2% NE-FE acid. Frac'd w/60,000 gals gelled 2% KCL water & 84,000# 20/40 sand.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12/10/87		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12/11/87	24	24/64"	→	250	265	24	1058:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
400#	--	→	250	265	24	41°	

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

Sold to Phillips 66 Natural Gas Co.

TEST WITNESSED BY

Herman Cravey

35. LIST OF ATTACHMENTS

Logs, Directional Survey, Core results not available.

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

SIGNED

Raylon Thompson

TITLE

Engr.Oprns.Secretary

DATE

12/14/87

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Core #1	8428'	8488'	Shale & Sandstone. Detailed results not available at this time.	Base of Sale	2558'	
Core #2	8488'	8509'	Sandstone.	Yates	2724'	
Core #3	8509'	8547'	Sandstone & shale.	Seven Rivers	3144'	
First Bone Springs Sand	8431'	8506'	Sandstone, light grey, light tan, very fine grained with shale laminations, good spotty fluorescence some calcareous.	Queen	3965'	
				Penrose	4216'	
				Grayburg	4420'	
				Bone Springs	6836'	
				1st Bone Springs	8338'	
				2nd Bone Springs	8620'	
				Carbonate		