

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions 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 ☐

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

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 552, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements).
At surface 660' FNL & 660' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. 30-285-30138
DATE ISSUED 11/5/87

5. LEASE DESIGNATION AND SERIAL NO.

NM0453434

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Lea Unit

8. FARM OR LEASE NAME

Lea Unit

9. WELL NO.

14

10. FIELD AND POOL, OR WILDCAT

Lea (Bone Spring)

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

Sec. 14, T20S, R34E

12. COUNTY OR PARISH
Lea

13. STATE
NM

15. DATE SPUDDED 11/22/87 16. DATE T.D. REACHED 12/18/87 17. DATE COMPL. (Ready to prod.) 2/22/88 18. ELEVATIONS (DF, RNB, RT, GR, ETC.)* GL - 3649' KB-3665.5 19. ELEV. CASINGHEAD 3649'

20. TOTAL DEPTH, MD & TVD 10,400' 21. PLUG BACK T.D., MD & TVD 10,292' 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS DRILLED BY ROTARY TOOLS All CABLE TOOLS

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

10,162' - 10,174' Lower Bone Spring Dolomite

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-GR-SP, FDC-CNL-GR, CBL-CCL-GR

25. WAS DIRECTIONAL SURVEY MADE

No

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
13 3/8	48	908	17 1/2	940 sx. (circ'd) SJS	0
8 5/8	32	5,370	12 1/4	1900 sx. (circ'd)	0
5 1/2	17	10,400	7 7/8	1000 sx. (Toc @ ± 4500')	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2 7/8	10,188'	N/A

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10,162'-10,174'	2450 gal. 15% NEFE HCl
9,586'-9,610'	3250 gal. 15% NEFE HCl
9,505'-9,610'	5000 gal. 15% NEFE HCl
9,505'-9,610'	Squeeze w/288 sx. Class "C"

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
10/22/88		Pumping 2½" x 1¼" x 20' insert pump					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
3/4/88	24	—	→	28	55	4	1964	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
N/A	0	→	28	55	4	38		

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

Sold

TEST WITNESSED BY

Ralph Skinner, Jr.

35. LIST OF ATTACHMENTS

DIL-GR-SP, FDC-CNL-GR, Inclination Survey

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

SIGNED Allen J. Wilson TITLE Operations Engineer

DATE 3/25/88

*(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):

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Bone Spring				Bone Spring	8840'	8840'
Zone "p"	9505	9512	Dry			
Zone "R"	9580	9610	Dry			
Lower	10,162	10,174	Oil			

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