

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. RESRV. ☐ 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 1980' FSL & 1980' FWL

At top prod. interval reported below

At total depth

RECEIVED

MAY 30 '89

O. C. D.
ARTESIA, OFFICE

14. PERMIT NO.

DATE ISSUED

30-015-25825

10/30/87

5. LEASE DESIGNATION AND SERIAL NO.

LC-029388 (D)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Johnson "B" Federal

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT
Undesignated (Bone Spring)

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

Sec. 11, T-18-S, R-31-E

12. COUNTY OR
PARISH

Eddy

13. STATE

New Mexico

15. DATE SPUDDED 11/16/87 16. DATE T.D. REACHED 12/20/87 17. DATE COMPL. (Ready to prod.) 1/14/88 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GL-3736', KB-3751.7 19. ELEV. CASINGHEAD 3736'

20. TOTAL DEPTH, MD & TVD 9522' 21. PLUG, BACK T.D., MD & TVD 9479' 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY → All 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8060'-8150' Bone Spring 25. WAS DIRECTIONAL SURVEY MADE No 27. WAS WELL CORDED Yes

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

8060'-8150' Bone Spring

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-Sonic, GR-CBL, CCL, DIL-GR-SP, FD-CNL-GR

29. 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#	671'	17 1/2"	700 SX.	0
8 5/8"	24 & 32#	2728'	11"	1450 SX.	0
5 1/2"	17#	9522'	7 7/8"	1450 SX.	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					27 1/8	7973	

31. PERFORATION RECORD (Interval, size and number)

8060'-8150' w/2 SPF (182 Holes)
.41" Diameter

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
N/A	
	SJS

33.* PRODUCTION

DATE FIRST PRODUCTION

1/10/88

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Flowing

WELL STATUS (Producing or shut-in)

Shut-in

DATE OF TEST

1/14/88

HOURS TESTED

24 hrs.

CHOKE SIZE

32/64"

PROD'N. FOR TEST PERIOD

→

OIL—BBL.

460

GAS—MCF.

332

WATER—BBL.

0

GAS-OIL RATIO

722

FLOW. TUBING PRESS.

190 psi

CASING PRESSURE

0 psi

CALCULATED 24-HOUR RATE

→

OIL—BBL.

460

GAS—MCF.

332

WATER—BBL.

0

OIL GRAVITY-API (CORR.)

38.5°

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

TEST WITNESSED BY

Eric Pringle

35. LIST OF ATTACHMENTS

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

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 1/15/88

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

Note: Marathon Oil Company requests confidentiality on this well.

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Bone Spring	8060'	8150'	Dolomite	Queen Graburg Delaware Sand Bone Spring Wolfcamp	3360' 3808' 4616' 5876' 9402'	
Cored Bone Spring at 8074' to 8173' - Dolomite						
DST #1 Bone Spring at 7588'-7681', No Cushion						
IF - 15 min 79 psi, ISIP - 30 min 262 psi, FF - 120 min 105 psi, FSIP - 240 min 1703 psi. Rec 97' GCDM.						
DST #2 Bone Spring at 7980' to 8119', No Cushion						
IF - 15 min 301 psi, ISIP - 60 min 2940 psi, FF 150 min 1557 psi, FSIP - 300 min 2940 psi. Rec. 3533' Gas Out Oil, Flowed 39.4 BO to pit at 53 psi.						

38. GEOLOGIC MARKERS