

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

Form approved. **45F**
Budget Bureau No. 1004-0137
Expires August 31, 1985

Dec 31 1992 WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

CARL AREA
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 990' FNL & 660' FWL

At top prod. interval reported below

At total depth

API # 30-015-27025

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH
EDDY

13. STATE
NM

15. DATE SPUDDED
11/8/92

16. DATE T.D. REACHED
11/19/92

17. DATE COMPL. (Ready to prod.)
12/26/92

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
GL: 3717' KB: 3722'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
4350'

21. PLUG BACK T.D., MD & TVD
4298'

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)*
GRAYBURG 3898'-4052'

25. WAS DIRECTIONAL
SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL/MSFL/GR/CAL, LDT/CNL/GR, & CBL/GR

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
8-5/8"	24	748'	12-1/4"	210 SX	
5-1/2"	15-1/2"	4345'	7-7/8"	1150 SX	72,000#

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	3800'	

31. PERFORATION RECORD (Interval, size, and number)

3898'-3926', 3998'-4008', 4044'-4052'
W/4 SPF.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3898'-3926'	1500 GALS 7-1/2% HCL ACID
3898'-3926'	24500 GALS X 79000# 16/30 SD
3998'-4052'	1200 GALS 7-1/2% HCL ACID
3998'-3926'	9000 GALS X 30000# 16/30 SD

33. PRODUCTION

DATE OF FIRST PRODUCTION 12/26/92		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) PUMPING				WELL STATUS (Producing or shut-in) PRODUCING-FRC TK	
DATE OF TEST 12/28/92	HOURS TESTED 24	CHOKE SIZE N/A	PROD'NL FOR TEST PERIOD	OIL - BBL. 58	GAS - MCF. 30	WATER - BBL. 110	GAS - OIL RATIO 517
FLOW. TUBING PRESS. 10	CASING PRESSURE 10	CALCULATED 24 HOUR RATE	OIL - BBL. 58	GAS - MCF. 30	WATER - BBL. 110	OIL GRAVITY - API (CORR.)	

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

TEST WITNESSED BY
ALLEN WILSON

35. LIST OF ATTACHMENTS

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

SIGNED *David D. Johnson*

TITLE ADVANCED ENGINEERING TECH

DATE 12/29/92

*(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	MEAS. DEPTH	TRUE VERT. DEPTH
YATES		2075			YATES	2075	
SEVEN RIVERS		2545			SEVEN RIVERS	2545	
QUEEN		3228	3278	SAND, VERY FINE GRAINED UNCONSOLIDATED, 40% BRIGHT YELLOW FLOURES. SMAL GAS INCREASE.	QUEEN	3228	
GRAYBURG		3738			GRAYBURG	3738	
GRAYBURG C SAND		3900	3933	SAND AS ABOVE, 90% BRIGHT YELLOW FLOURES. GOOD GAS INCREASE, GOOD ODOR.	SAN ANDRES	4176	
GRAYBURG B SAND		3994	4010	SAND AS ABOVE, 40% BRIGHT YELLOW FLOURES. SMALL GAS INCREASE.			
GRAYBURG A SAND		4046	4054	SAND AS ABOVE, 20-40% BRIGHT YELLOW FLOURES. VERY SMALL GAS INCREASE.			
GRAYBURG A' SAND		4080	4110	SAND AS ABOVE			