

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

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						7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 552, Midland, Texas 79702						8. FARM OR LEASE NAME Love "3" Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2310'FNL & 330'FWL At top prod. interval reported below At total depth						9. WELL NO. 1	
14. PERMIT NO. 30-025-31038						DATE ISSUED 10-11-90	
15. DATE SPUDDED 11-09-90		16. DATE T.D. REACHED 12-17-90		17. DATE COMPL. (Ready to prod.) 2-14-91		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3878'GL	
19. ELEV. CASINGHEAD 3878'GL		20. TOTAL DEPTH, MD & TVD 10,828'MD		21. PLUG BACK T.D., MD & TVD 10,170		22. IF MULTIPLE COMPL. HOW MANY*	
23. INTERVALS DRILLED BY ALL		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Bone Spring 8185'-8221'; 8362'-8420'; 8621'-8638'		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN GR-DIFL-CAL, GR-CNL-ZDL-CAL, GR-DLL-MLL-CAL, GR-BHCA-CAL	
27. WAS WELL CORRED No		28. CASING RECORD (Report all strings set in well)					
Casing Size		Weight, LB./FT.		Depth Set (MD)		Hole Size	
20"		----		56'		----	
13 3/8"		48#		745'		17 1/2"	
8 5/8"		32# & 24#		2732'		11"	
5 1/2"		17# & 15.5#		10,788'		7 7/8"	
29. LINER RECORD		30. TUBING RECORD		31. PERFORATION RECORD (Interval, size and number)			
Size		Top (MD)		Bottom (MD)		Sacks Cement*	
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32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		33. PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
Depth Interval (MD)		Amount and Kind of Material Used		Flared			
8185'-8638'		Perf 2 JSPF (126 holes)		TEST WITNESSED BY			
8185'-8638'		Acid 9700 Gals. NEFE HCL		A. S. Wilson			
8362'-8638'		Frac 120,000 Gals. & 222,500# 20/40		35. LIST OF ATTACHMENTS			
33. DATE FIRST PRODUCTION 2-17-91		33. PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 1.5" insert		Inclination Report & Log List from Item 26 above			
33. DATE OF TEST 3-12-91		33. HOURS TESTED 24		33. CHOKER SIZE -----		33. PROD'N. FOR TEST PERIOD -----	
33. FLOW. TUBING PRESS. -----		33. CASING PRESSURE -----		33. CALCULATED 24-HOUR RATE -----		33. OIL—BBL. 230	
33. GAS—MCF. 146		33. WATER—BBL. 0		33. OIL GRAVITY-API (CORR.) -----		33. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED <u>Carl A. Bagwell</u>		TITLE <u>Engineering Technician</u>		DATE <u>3-15-91</u>			

*(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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Rustler	1195'	
				Yates	2674'	
				7-Rivers	3087'	
				Queen	3792'	
				Penrose	4019'	
				Grayburg	4275'	
				Delaware	5035'	
				Bone Spring	5911'	
				1st Sand	7623'	
				2nd Carbonate	7722'	
				2nd Sand	8236'	
				3rd Sand	8936'	
				Wolfcamp	9233'	