

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SURFACE DIVISION
COMMISSIONER
8 32 AM '90

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		5. LEASE DESIGNATION AND SERIAL NO. LC-029388-D	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
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 Johnson "B" Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface Unit Letter E, 2310' FNL & 660' FWL At top prod. interval reported below At total depth		9. WELL NO. 9	
14. PERMIT NO. 30-015-26379		DATE ISSUED 5-26-90	
15. DATE SPUDDED 6-7-90		16. DATE T.D. REACHED 6-22-90	
17. DATE COMPL. (Ready to prod.) 7-6-90		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) GL 3744'	
19. ELEV. CASINGHEAD 3744'		10. FIELD AND POOL, OR WILDCAT Tamano (Bone Spring)	
20. TOTAL DEPTH, MD & TVD 8816' MD		21. PLUG, BACK T.D., MD & TVD 8732' MD	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY All	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Second Bone Spring Carbonate 8048'-8130'		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-DLL-MLL-CAL, GR-CNL-ZDLC, DEL2/DEL4, CBIL, GR-DIFL		27. WAS WELL CORRED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13 3/8"	48#	755'	17 1/2"
8 5/8"	24# & 32#	2430'	11"
5 1/2"	15.5# & 17#	8816'	7 7/8"
CEMENTING RECORD			
385 sx class "C"			
1100 sx class "C"			
1720 sx class "H"			
AMOUNT PULLED			
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29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	8130'	7916'	
31. PERFORATION RECORD (Interval, size and number)			
Second Bone Spring Carbonate w/2 JSPF f/8048'-8130' (total 165 holes)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
8048'-8130'		Perf'd w/2 JSPF	
8048'-8130'		Acid 6000 gals 20% HCl	
33. PRODUCTION			
DATE FIRST PRODUCTION 7-6-90		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
DATE OF TEST 7-11-90		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24	CHOKE SIZE 18/64"	PROD'N. FOR TEST PERIOD OIL—BBL. 335	GAS—MCF. 550
WATER—BBL. 10	GAS-OIL RATIO 1642		
FLOW. TUBING PRESS. 690#	CASING PRESSURE 0#	CALCULATED 24-HOUR RATE OIL—BBL. 335	GAS—MCF. 550
WATER—BBL. 10	OIL GRAVITY-API (CORR.) --		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Flared			
TEST WITNESSED BY M. L. Greenough			
35. LIST OF ATTACHMENTS Electric Log & Inclination Survey			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED J.R. Jenkins		TITLE Hobbs Production Sup't.	
DATE 7-12-90			

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	787'	
B. Salt	2028'	
Queen	3350'	
Grayburg	3863'	
San Andres	4314'	
Delaware Sand	4890'	
Top Bone Spring	5670'	
1st Sand	7650'	
2nd Carbonate	7890'	
2nd Sand	8178'	