

(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM 011 10-107733
SUBMIT IN DUPLICATE
ARTESIA, NM 88210
(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 _____		5. 10-STATE PERMIT AND SERIAL NO. LC-029388-A	
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. IF ALLOTTEE, NAME _____	
3. ADDRESS OF OPERATOR P. O. Box 552, Midland, Texas 79702		8. IF ALLOTTEE, NAME Stetco "10" Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2310' FNL & 660' FEL At top prod. interval reported below At total depth		9. WELL NO. 2	
14. PERMIT NO. 30-015-26438		DATE ISSUED 8-1-90	
15. DATE SPUDDED 8-26-90		16. DATE T.D. REACHED 9-13-90	
17. DATE COMPL. (Ready to prod.) 9-29-90		18. ELEVATIONS (FF, RKB, RT, GR, ETC.)* 3733' GL	
19. ELEV. CASINGHEAD 3733'		20. TOTAL DEPTH, MD & TVD 8700' MD	
21. PLUG, BACK T.D., MD & TVD 8617' MD		22. IF MULTIPLE COMPL., HOW MANY* →	
23. INTERVALS DRILLED BY All		ROTARY TOOLS CABLE TOOLS None	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Second Bone Spring Carbonate 8020'-8042', 8050'-8100'		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL-MLL-GR-CAL, ZDEN-CNL-CAL		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13 3/8"	48#	756'	17 1/2"
8 5/8"	32# & 24#	2335'	11"
5 1/2"	17# & 15.5#	8700'	7 7/8"
CEMENTING RECORD			
447 sx "C"; circ			
674 sx "C"; circ			
1370 sx "H"; est TOC @ 500'			
AMOUNT PULLED None			
None			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
None			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	8276'	No pkr.	
31. PERFORATION RECORD (Interval, size and number)			
Second Bone Spring Carbonate w/2 JSPF (total 146 holes)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
Perf 8020'-8100'		2 JSPF (total 146 holes)	
Acid 8020'-8100'		6000 gals 20% HCl	
Acid frac 8020'-8100'		31,080 gals 2% HCl gel	
33.* PRODUCTION			
DATE FIRST PRODUCTION 10-2-90		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 1.25" insert	
DATE OF TEST 1-10-91		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24	CHOKE SIZE --	PROD'N. FOR TEST PERIOD →	OIL—BBL. 10
GAS—MCF. 16	WATER—BBL. 7	GAS-OIL RATIO 1600	
FLOW. TUBING PRESS. --	CASING PRESSURE 50	CALCULATED 24-HOUR RATE →	OIL—BBL. 10
GAS—MCF. 16	WATER—BBL. 7	OIL GRAVITY-API (CORR.) --	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented			
TEST WITNESSED BY Allen S. Wilson			
35. LIST OF ATTACHMENTS Inclination Report & Log List from #26 above.			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>J. R. Jenkins</u> TITLE <u>Hobbs Production Sup't.</u> DATE <u>1-14-91</u>			

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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				38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP		TRUE VERT. DEPTH
					MEAS. DEPTH		
				Base of Salt 7-Rivers Queen Grayburg San Andres Delaware Sand Top of B.S. 1st Sand 2nd Carbonate 2nd Sand T.D.	1990' 2620' 3323' 3840' 4300' 4885' 5671' 7568' 7858' 8144' 8700'		

RECEIVED

JAN 16 11 45 AM '91

CAR AREA HRS

WELL Stetco "10" Federal #2

LOCATION Sec. 10-18S-31E/Eddy County, New Mexico
(~~Olve~~ Unit, Section, Township, And Range)

OPERATOR Marathon Oil Company

DRILLING CONTRACTOR Exeter Drilling Company

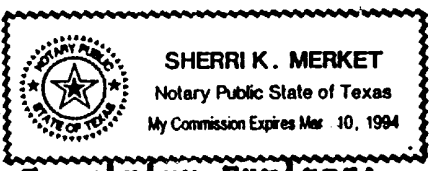
The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
3/4° 321'	2° 6,380'	
1° 475'	2 1/4° 6,594'	
3/4° 565'	3 1/4° 6,748'	
3/4° 720'	3 1/4° 6,808'	
1/2° 1,196'	3° 6,870'	
1° 1,598'	3° 7,059'	
1° 2,049'	2 3/4° 7,185'	
3/4° 2,420'	1 3/4° 7,352'	
3/4° 2,887'	2° 7,845'	
1/4° 3,345'	1 3/4° 8,140'	
1/2° 3,840'	1 1/2° 8,700'	
3/4° 4,365'		
1° 4,864'		
1 1/2° 5,362'		
1 1/2° 5,855'		
1 1/2° 6,206'		

Drilling Contractor Exeter Drilling Company

By Bruce D. Houtchens
Bruce D. Houtchens, Vice President-Southern Division

Subscribed and sworn to before me this 27th day of September, 1991



Sherri K. Merket
Notary Public Sherri K. Merket

My Commission Expires: 3-10-94 Midland County Texas