

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE\*

NM OIL CONS COMMISSION  
Drawer **FORM APPROVED**  
Artesia **ONE NO. 1004-01'**  
**Expire February 29**

25F

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

**OCT 25 1994**  
**OCT 17 1994**  
**OCT 29 1994**

a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_  
 b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DEPT. RESTR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
**Marathon Oil Company**

3. ADDRESS AND TELEPHONE NO.  
**P.O. Box 552, Midland, TX 79702 915-687-8324**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
 At surface  
**LOT # 4 760' FNL & 660' FWL**  
 At top prod. interval reported below  
**LOT # 4 835' FNL & 557' FWL**  
 At total depth  
**LOT # 4 853' FNL & 566' FWL**

14. PERMIT NO. **30-015-28045** DATE ISSUED \_\_\_\_\_

5. LEASE DESIGNATION AND REF NO. **NM-04827-B**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME \_\_\_\_\_

7. UNIT AGREEMENT NAME \_\_\_\_\_

8. FARM OR LEASE NAME, WELL NO. **MOC FEDERAL 3**

9. API WELL NO. **30-015-28045**

10. FIELD AND POOL, OR WILDCAT **S. DAGGER DRW/UPPER PN**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**SEC 1, T-21-S, R-23-E**

12. COUNTY OR PARISH **EDDY** 13. STATE **NM**

15. DATE SPUDDED **7-27-94** 16. DATE T.D. REACHED **8-16-94** 17. DATE COMPL. (Ready to prod.) **9-24-94** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **GL:3682 KB:3700** 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD **7980** 21. PLUG, BACK T.D., MD & TVD **7825** 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)\*  
**7645-7716 UPPER PENN (7520-7626 ISOLATED)** 25. WAS DIRECTIONAL SURVEY MADE **YES**

26. TYPE ELECTRIC AND OTHER LOGS RUN **DLL/MSFL/LSS/GR/FMI/CNL/LDT/NGT** 27. WAS WELL CORED **NO**

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
16"	CONDUCTOR	78'		REDI-MIX	
9 5/8"	36#	1240'	12 1/4"	900 SX CRC 436 SX	
7"	23# & 26#	7980'	8 3/4"	1140 SX CRC 166 SX	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	7471-7635	7471 & 7635
					2 7/8"	7308'	NONE

31. PERFORATION RECORD (Interval, size and number)  
**7520-32, 7555-71, 7571-92, 7609-26, 7645-62**  
**7662-79, 7700-16 .45" 465 HOLES**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
 DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  
**7520-7716 2000 GALLONS 20% HCL**

33. PRODUCTION

DATE FIRST PRODUCTION **8-27-94** PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) **SUB PUMP 175 HP 229 STAGES** WELL STATUS (Producing or shut-in) **PROD**

DATE OF TEST **9-26-94** HOURS TESTED **24** CHOKE SIZE **OPEN** PROD'N. FOR TEST PERIOD → OIL - BBL **181** GAS - MCF. **575** WATER - BBL **863** GAS - OIL RATIO **3171**

FLOW, TUBING PRESS. **90** CASING PRESSURE **80** CALCULATED 24-HOUR RATE → OIL - BBL **181** GAS - MCF. **575** WATER - BBL **863** OIL GRAVITY - API (CORR.) **42.0**

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **FLARED** TEST WITNESSED BY **TIM WINTERS**

35. LIST OF ATTACHMENTS  
**LOGS**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
 SIGNED [Signature] TITLE **OPERATIONS SUPERINTENDENT** DATE **10-10-94**

\*(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		DESCRIPTION, CONTENTS, ETC.	BOTTOM		NAME	TOP	
	Surf	528		528	2124		MEAS. DEPTH	TRUE VERT. DEPTH
Queen	Surf	528	Sandstone, Dolomite	528		Queen	Surf	
San Andres	528	2124	Dolomite, Limestone	2124		San Andres	528	
Glorieta	2124	2227	Sandstone, Dolomite	2227		Glorieta	2124	
Y, Sr, Qn	2227	3795	Dolomite, Sandstone, Limestone	3795		Y, Sr, Qn	2227	
Bone Spring LM	3795	5900	Limestone, Shale, Sandstone	5900		Bone Spring LM	3795	
Wolfcamp	5900	7430	Shale, Limestone, Sandstone	7430		Wolfcamp	5900	
Upper Penn	7430	7968	Dolomite, Limestone, Shale			Upper Penn	7430	
Loggers TD	7968							