

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2531

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. NM 05551					
b. TYPE OF COMPLETION: NEW ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N. Indian Basin Unit #27					
2. NAME OF OPERATOR Marathon Oil Company		7. UNIT AGREEMENT NAME North Indian Basin Unit					
3. ADDRESS AND TELEPHONE NO. P.O. Box 552, Midland, TX 79702 915/682/1626		8. FARM OR LEASE NAME, WELL NO. N. Indian Basin Unit					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface UL "L", 2340' FSL & 255' FWL At top prod. interval reported below UL "L", 2215' FSL & 712' FWL At total depth UL "L", 2174' FSL & 785 FWL		9. API WELL NO. 30-015-28977					
14. PERMIT NO. DATE ISSUED 15. DATE SPUDDED 5-16-96		10. FIELD AND POOL, OR WILDCAT S. Dagger Draw/Upper Penn					
16. DATE T.D. REACHED 7-8-96		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec.11, T-21-S, R-23-E					
17. DATE COMPL. (Ready to prod.) 7-21-96		12. COUNTY OR PARISH Eddy					
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GL:3764 KB:3780		13. STATE NM					
20. TOTAL DEPTH, MD & TVD 8300MD 8242TVD		19. ELEV. CASINGHEAD					
21. PLUG, BACK T.D., MD & TVD 8213MD 8156TVD		23. INTERVALS DRILLED BY All					
22. IF MULTIPLE COMPL., HOW MANY*		ROTARY TOOLS CABLE TOOLS					
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* MD 7780-7860, TVD 7730-7808 South Dagger Draw/Upper Penn		25. WAS DIRECTIONAL SURVEY MADE Yes					
26. TYPE ELECTRIC AND OTHER LOGS RUN Platform Express/GR		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		
13 3/8"	Conductor	32' KB	20"	Redi Mix			
9 5/8" K-55	36	1122	12 1/4"	625SX TOC Surface			
7 5/8" N&L80	26.4	1224	8 3/4"	200 SX Circ 40 SX			
5 1/2" K-55	17	8308	6 3/4"	1260 Circ 30 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"	7829	None
31. PERFORATION RECORD (Interval, size and number) 7770-7860 2JSPF				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)			
				AMOUNT AND KIND OF MATERIAL USED			
				7770-7860 11,250 Gallons 15% HCL			
33. PRODUCTION							
DATE FIRST PRODUCTION 7-21-96		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Submersible Pump				WELL STATUS (Producing or shut-in) Prod	
DATE OF TEST 7-29-96	HOURS TESTED 24	CHOKE SIZE Open	PROD'N. FOR TEST PERIOD →	OIL - BBL. 156	GAS - MCF. 825	WATER - BBL. 120	GAS - OIL RATIO 5288
FLOW. TUBING PRESS. Pump	CASING PRESSURE 100	CALCULATED 24-HOUR RATE →	OIL - BBL. 156	GAS - MCF. 825	WATER - BBL. 120	OIL GRAVITY - API (CORR.) 43.0	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY	
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 <u>Thomas M. Price</u>				TITLE <u>Advanced Eng. Tech</u>		DATE <u>8-1-96</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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Upper Penn	7454	7860	Dolomite, Limestone - oil & gas	Glorieta	2055	2055
				Bone Springs	3376	3300
				B/Leonardian	5594	5592
				Wolfcamp Shale	6058	6046
				Upper Penn	7454	7406
				B/Dolomite	7860	7808

38. GEOLOGIC MARKERS