

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____						5. LEASE DESIGNATION AND SERIAL NO. NM 0384623									
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME									
2. NAME OF OPERATOR Marathon Oil Company						7. UNIT AGREEMENT NAME SW 242									
3. ADDRESS AND TELEPHONE NO. P.O. Box 552, Midland, TX 79702 915/682-1626						8. FARM OR LEASE NAME, WELL NO. COMANCHE FEDERAL "3" #2									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FNL & 660' FEL UNIT LETTER "A" At top prod. interval reported below 660' FNL & 660' FEL At total depth 660' FNL & 660' FEL						9. API WELL NO. 30-015-29972									
10. FIELD AND POOL, OR WILDCAT SOUTH DAGGER DRAW UPPER PENN ASSOCIATED						11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA SEC 3, T-21-S, R-23-E									
12. COUNTY OR PARISH EDDY						13. STATE NM									
15. DATE SPUDDED 12/20/97		16. DATE T.D. REACHED 1/14/98		17. DATE COMPL. (Ready to prod.) 2/6/98		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB-3,785'; GL-3,769'									
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 9500'		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*									
23. INTERVALS DRILLED BY →		24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 7732' - 7782' UPPER PENN		25. WAS DIRECTIONAL SURVEY MADE NO		26. TYPE ELECTRIC AND OTHER LOGS RUN HALS (DLL-MSFL-LLS-GR-CAL, LDT-CNL) SONIC, NGT-CAL, FMI-GR									
27. WAS WELL CORED		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		40'				SURFACE							
9-5/8"		36#		1,194'		12-1/4"		850 SX TO SURFACE CIRC 218 SX							
7"		26#, 23#		9,500'		8-3/4"		1835 SX/2 STGS CIRC 198 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"		8442'			
31. PERFORATION RECORD (Interval, size and number) 7732'-7782'; 100 4" HOLES @ 2 SPF						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
						DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED							
						7732'-7782'		8,750 GAL. 20% HCl ACID (175 GPF)							
33. PRODUCTION															
DATE FIRST PRODUCTION 2/7/98		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) ODI R-9 SUB. PUMP W/37' SHROUD						WELL STATUS (Producing or shut-in) PRODUCING							
DATE OF TEST 2/9/98		HOURS TESTED 24		CHOKE SIZE WIDE OPEN		PROD'N. FOR TEST PERIOD →		OIL - BBL. 5		GAS - MCF. 988		WATER - BBL. 552		GAS - OIL RATIO 110.400	
FLOW. TUBING PRESS. 110		CASING PRESSURE 110		CALCULATED 24-HOUR RATE →		OIL - BBL.		GAS - MCF.		WATER - BBL.		OIL GRAVITY - API (CORR.) 48			
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>Garry Lark</u> TITLE <u>ENGINEER TECHNICIAN</u> DATE <u>2/20/98</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
UPPER PENN	7405'	7790'	LIMESTONE & DOLOMITE: GAS, OIL, & WATER	QUEEN	SURFACE	
UPPER MORROW	9148'	9173'	SANDSTONE: NOT TESTED	SAN ANDRES	470'	
MIDDLE MORROW	9278'	9292'	SANDSTONE: NOT TESTED	GLORIETA	2000'	
LOWER MORROW	9333'	9338'	SANDSTONE: NOT TESTED	BONE SPRINGS	3223'	
				WOLF CAMP SHALE	5720'	
				UPPER PENN	7405'	
				B / DOLOMITE	7790'	
				STRAWN	8103'	
				ATOKA (CLASTICS)	8710'	
				MORROW (LIME)	8992'	
				BARNETT	9345'	