

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

25F

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other ☐		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐
2. NAME OF OPERATOR Marathon Oil Company						8. FARM OR LEASE NAME, WELL NO. INDIAN HILLS UNIT GAS COM #13	
3. ADDRESS AND TELEPHONE NO. P.O. Box 552 Midland, TX 79702						9. API WELL NO. 30-015-30164-31274	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface UL "L", 2182' FSL, 590' FWL At top prod. interval reported below UL "L", 1760' FSL, 1015' FWL At total depth UL "L", 1662' FSL, 1153' FWL						10. FIELD AND POOL, OR WILDCAT INDIAN BASIN UPPER PENN GAS POOL	
14. PERMIT NO.						DATE ISSUED	
15. DATE SPUDDED 1/20/98						18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB-3710'; GL-3694'	
16. DATE T.D. REACHED 3/2/98						19. ELEV. CASINGHEAD	
17. DATE COMPL. (Ready to prod.) 4/27/98						23. INTERVALS DRILLED BY ALL	
20. TOTAL DEPTH, MD & TVD 7923' MD 7870' TVD						21. PLUG, BACK T.D., MD & TVD 7908' MD 7855' TVD	
22. IF MULTIPLE COMPL., HOW MANY*						25. WAS DIRECTIONAL SURVEY MADE YES	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* UPPER PENN FORMATION FROM 7330'-7856' TVD - 7280'-7803'						27. WAS WELL CORED	
26. TYPE ELECTRIC AND OTHER LOGS RUN NGT/CR/CCL, CBL/GR/CCL							
28. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
9-5/8", K-55		36#		1210'		12.25	
7", K-55		23# & 26#		7923'		8.25	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-7/8"		7874'					
31. PERFORATION RECORD (Interval, size and number) 7330-7368(152 holes), 7373-7437(256), 7443-7464(84), 7496-7510(56), 7525-7540(60), 7554-7578(96), 7588- 7601(52), 7607-7628(84), 7639-7644(20), 7685-7694 (36), 7800-7810(40), 7820-7856(144) all 4" holes							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
7856'-7330'				27,000 qals. 15% NEFE HCl acid			
33. PRODUCTION							
DATE FIRST PRODUCTION 5/8/98		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Submersible pump				WELL STATUS (Producing or shut-in) P	
DATE OF TEST 5/10/98		HOURS TESTED 24		CHOKE SIZE OPEN		PROD'N. FOR TEST PERIOD 57	
FLOW. TUBING PRESS. 260		CASING PRESSURE 170		CALCULATED 24-HOUR RATE →		OIL - BBL. 57	
						GAS - MCF. 3732	
						WATER - BBL. 1103	
						GAS - OIL RATIO 65474	
						OIL GRAVITY - API (CORR.) 44	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Logs & Directional Survey							
36. I hereby certify that the foregoing and attached information is true and correct as determined from all available records							
SIGNED Ginny Larke		TITLE Engineer Technician					
		DATE 5/19/98					

*(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	MEAS. DEPTH	TRUE VERT. DEPTH
UPPER PENN	7288	7896 (TD)	DOLOMITE & LIMESTONE: GAS, OIL, & WATER	SAN ANDRES	588'	588'
				GLORIETA	2155'	2155'
				YESO	2383'	2383'
				BONE SPRING	4378'	4368'
				BASE LEON. LIME	6338'	6301'
				WOLFCAMP SHALE	6552'	6512'
				UPPER PENN	7287'	7234'