

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

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						7. UNIT AGREEMENT NAME Wills Federal									
3. ADDRESS OF OPERATOR P. O. Box 2409 Hobbs, NM 88240						9. WELL NO. 1									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 330' FNL & 330' FWL At top prod. interval reported below At total depth						10. FIELD AND POOL, OR WILDCAT Rhodes, Yates									
14. PERMIT NO.						DATE ISSUED									
15. DATE SPUDDED 12/17/83		16. DATE T.D. REACHED 12/24/83		17. DATE COMPL. (Ready to prod.) 2/15/84		18. ELEVATIONS (DF, RKB, ET, GR, ETC.)* 2970 GR, 2982 KB		19. ELEV. CASINGHEAD 2970							
20. TOTAL DEPTH, MD & TVD 3500		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY all		ROTARY TOOLS CABLE TOOLS							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3221 - 93 Upper Yates								25. WAS DIRECTIONAL SURVEY MADE No							
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CNL-LDT-C; GR-DLL								27. WAS WELL CORED No							
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
8 5/8		24		1198		11"		525 sx		None					
5 1/2		15.5		3500		7 7/8		1100 sx		None					
29. LINER RECORD										30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number) 3334-36, 40-41, 50-53, 60-67 w/1 JSPF (17 holes) 3221-26, 30-32, 37-40, 52-54, 61-62, 71, 84-87, 92-93 w/1 JSPF (25 holes)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
										3334 - 67		1000 gal. 15% acid, 20000 gal.			
										3221 - 93		50-50 CO ₂ , w/38000# sand			
												1000 gal. 15%, 30000 gal.			
												50-50 CO ₂ w/54000# sand			
33.* PRODUCTION															
DATE FIRST PRODUCTION 2-16-84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2 1/2" x 1 1/4" rod pump						WELL STATUS (Producing or shut-in) Temporarily abandoned							
DATE OF TEST 3-12-84		HOURS TESTED 24		CHOKE SIZE		PROD'N. FOR TEST PERIOD →		OIL—BBL. 2		GAS—MCF. TSTM		WATER—BBL. 32		GAS-OIL RATIO	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE →		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.) 33°			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)										ACCEPTED FOR RECORD MAY 8 1984		TEST WITNESSED BY Thomas F. Zaparka			
35. LIST OF ATTACHMENTS GR-CNL-LDT-C; GR-DLL															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED Thomas F. Zaparka		TITLE Production Engineer						DATE 3-22-84							

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 83. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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
Yates	3060	3408	Sand and Anhydrite
Seven Rivers	3408	3500	Sand and Dolomite