

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

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 020489									
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									
3. ADDRESS OF OPERATOR P.O. Box 2659 Casper, WY 82602						8. FARM OR LEASE NAME Ohio Government									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1150' FSL & 1800' FWL Unit M At top prod. interval reported below At total depth						9. WELL NO. 4									
14. PERMIT NO.						10. FIELD AND POOL, OR WILDCAT Fulcher Kutz-Pictured Cliffs									
DATE ISSUED						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 15, T28N, R11W									
15. DATE SPUDDED 11-16-78 16. DATE T.D. REACHED 11-19-78 17. DATE COMPL. (Ready to prod.) 4-11-79 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5620' GL, 5633' KB 19. ELEV. CASINGHEAD - -						12. COUNTY OR PARISH San Juan 13. STATE New Mexico									
20. TOTAL DEPTH, MD & TVD 1760'		21. PLUG, BACK T.D., MD & TVD 1722'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0'-1760' ROTARY TOOLS None CABLE TOOLS None									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1614'-1626' Pictured Cliffs						25. WAS DIRECTIONAL SURVEY MADE No									
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-FDC-GR-CAL, DIL, CBL						27. WAS WELL CORED									
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#		270'		12-1/4"		250 Sacks		None					
4-1/2"		10.5#		1760'		7-7/8"		540 Sacks							
29. LINER RECORD												30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
				None						2-3/8"		1548'		None	
31. PERFORATION RECORD (Interval, size and number) 1614'-1626' 2 shots/ft. 24 shots Total, 3-3/8" Hollow Casing gun, w/ Hyper Jets.								32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
								DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
								1614'-1626'		24,000 gals. of 70% foam frac, 9000# of 10-20 sand 25,000# of 8-12 sand.					
33.* PRODUCTION															
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in) SI, waiting on sales line connection							
4-11-79		Flowing													
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
4-11-79		3		3/4"		→		0		88		0		- -	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)			
288 psig		288 psig		→		0		703		0		- -			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold to El Paso Natural Gas Company												TEST WITNESSED BY E. A. Nelson (MOC)			
35. LIST OF ATTACHMENTS None															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED		Harry Magnus						TITLE		District Operations Manager		DATE		May 4, 1979	

*(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, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

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.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. 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 25: "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	NAME	TOP	
				MEAS. DEPTH	TRUE VERT. DEPTH
OJO Alamo	680'	701'	OJO Alamo	680'	
Kirtland Shale	701'	910'	Kirtland Shale	701'	
Farmington Sand	910'	1,400'	Farmington Sand	910'	
Fruitland Sand	1,400'	1,612'	Fruitland Sand	1,400'	
Pictured Cliffs	1,612'	1,698'	Pictured Cliffs	1,612'	
Lewis Shale	1,698'	1,750' TD	Lewis Shale	1,698'	