

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget-Bureau No. 42-R355.6.

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 - 020498	
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 950' FSL and 990' FEL Unit P At top prod. interval reported below At total depth		9. WELL NO. 3	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUNDED 11-20-78		16. DATE T.D. REACHED 11-23-78	
17. DATE COMPL. (Ready to prod.) 3-27-79		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5,516' GL, 5,529' KB	
19. ELEV. CASINGHEAD --		20. TOTAL DEPTH, MD & TVD 1,700'	
21. PLUG BACK T.D., MD & TVD 1,659'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Pictured Cliffs - 1,522'-1,533', 1,542'-1,548'	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-FDC-GR-CAL, DIL, CBL	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight, lb./ft.	
8-5/8"		24#	
4-1/2"		10.5#	
Depth Set (MD)		Hole Size	
266'		250 sacks	
1,700'		520 sacks	
Amount Pulled		None	
None		None	
29. LINER RECORD		30. TUBING RECORD	
Size		Top (MD)	
Bottom (MD)		Sacks Cement*	
Screen (MD)		Size	
2-3/8"		Depth Set (MD)	
1,556'		Packer Set (MD)	
None		None	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
1,522' - 1,533' 2 shots/ft		Depth Interval (MD)	
1,542' - 1,548' 3-3/8" Hollow Carrier		1,522' - 1,533'	
Gun w/Hyper Jets		1,542' - 1,548'	
Amount and Kind of Material Used		30,500 gals of 78% foam	
frac, 13,500# of 10-20 sand		36,000# of 8-12 sand	
33.* PRODUCTION		WELL STATUS (Producing or shut-in)	
Date First Production		3-26-79	
Production Method (Flowing, gas lift, pumping—size and type of pump)		Flowing	
Date of Test		3-26-79	
Hours Tested		3	
Choke Size		3/4"	
Prod'n. for Test Period		0	
Oil—BBL.		101	
Gas—MCF.		0	
Water—BBL.		0	
Gas-Oil Ratio		--	
Flowing Tubing Press.		186 psig	
Casing Pressure		186 psig	
Calculated 24-Hour Rate		0	
Oil—BBL.		809	
Gas—MCF.		0	
Water—BBL.		0	
Oil Gravity-API (Corr.)		--	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY	
To be sold to El Paso Natural Gas Company		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 <u>Darryl Magnus</u> TITLE <u>District Operations Manager</u> DATE <u>April 11, 1979</u>	

(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 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; CONED 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
030 Alamo	714'	726'		030 Alamo	714'	
Kirtland	726'	888'		Kirtland	726'	
Farmington	888'	1,330'		Farmington	888'	
Fruitland	1,330'	1,518'		Fruitland	1,330'	
Pictured Cliffs	1,518'	1,613'		Pictured Cliffs	1,518'	
Lewis Shale	1,613'	1,700'	TD	Lewis Shale	1,613'	