

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

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						14. PERMIT NO.	
3. ADDRESS OF OPERATOR P. O. Box 97, McFadden, Wyoming 82080						DATE ISSUED	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 800' FNL, 800' FEL (SA NE NE) Sec 33, T26N, R5W						18. ELEVATIONS (DF, RKB, ET, GR, ETC.)* 6544 GR 6554 RKB	
At top prod. interval reported below						19. ELEV. CASINGHEAD ---	
At total depth						12. COUNTY OR PARISH Rio Arriba	
10. FIELD AND POOL, OR WILDCAT Jicarilla Basin Dakota						13. STATE New Mexico	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA M Sec 33, T26N, R5W						15. DATE SPUN 2/6/67	
16. DATE T.D. REACHED 2/22/67						17. DATE COMPL. (Ready to prod.) 3/11/67	
20. TOTAL DEPTH, MD & TVD 7355 MD		21. PLUG, BACK T.D., MD & TVD 7330		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0 - 7335	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Graneros Sand Top 7074 Base 7088 Dakota Sand Top 7166 Base 7304						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Formation Density Log, Induction Gamma-Ray Log						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	
10 3/4	32.75	413	15"	475	Surface	None	
7 5/8	21.8	2990	9 5/8	600	Surface	None	
4 1/2	11.6	7352	6 1/4	500 sacks		None	
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	7057	None
31. PERFORATION RECORD (Interval, size and number) 7077-84, 7209-12, 7217-22, 7238-44, 7251-55, 7193-96, 7299-7303. Perforated 32 ft. 64 holes, Hyper Jets by Schlumberger.							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
7238 - 7303				500 gals. Mud Acid, 15000/ 40-60 and 15000/ 20-40 sand			
7077 - 7222				500 gals. Mud Acid, 39000/ 20-40, Sand water frac treatment			
33.* PRODUCTION							
DATE FIRST PRODUCTION 3/11/67		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Waiting for pipeline connection	
DATE OF TEST 3/11/67	HOURS TESTED 3	CHOKE SIZE 3/4	PROD'N. FOR TEST PERIOD →	OIL—BBL. Not Measured	GAS—MCF. 4204	WATER—BBL. ---	GAS-OIL RATIO ---
FLOW. TUBING PRESS. 330 psi	CASING PRESSURE 736 psi	CALCULATED 24-HOUR RATE →	OIL—BBL. Not Measured	GAS—MCF. 4204	WATER—BBL. ---	OIL GRAVITY-API (CORR.) ---	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented during test (ADF 4513)						TEST WITNESSED BY Neil Testeller, Farmington, N.M.	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Area Superintendent		TITLE		DATE APR 31, 1967		RECEIVED	

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

U. S. GEOLOGICAL SURVEY
FARMINGTON, N.M.

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 83, 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 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, 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: 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 FEET VERT. DEPTH
Dakota	7077	7303	Sand, contains Gas	Chacra	3774 (+2780)
				Cliff House (Top Mesa Verde)	4574 (+1980)
				Mancos shale	5274 (+1280)
				(Base Mesa Verde)	
				Alabrara	6232 (+322)
				Sanastee	6676 (-124)
				Greenhorn	6994 (-440)
				Graneros Formation	7051 (-497)
				Graneros Sand	7074 (-520)
				Top Dakota	7166 (-612)
				Morrison	7318 (-764)
				TU	7348