

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						14. PERMIT NO.	DATE ISSUED JAN 20 1967	
3. ADDRESS OF OPERATOR P. O. Box 97, McFadden, Wyoming 82080						U. S. GEOLOGICAL SURVEY FARMINGTON, N.M.		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1100' FNL, 1550' FEL, Sec 27, T 26N, R 5W, SE $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ At top prod. interval reported below At total depth								5. LEASE DESIGNATION AND SERIAL NO. Tract 251 Contract 000154
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache								
7. UNIT AGREEMENT NAME								
8. FARM OR LEASE NAME Jicarilla Apache								
9. WELL NO. 10								
10. FIELD AND POOL, OR WILDCAT Jicarilla-Basin Dakota								
11. SEC., T. R., M., OR BLOCK AND SURVEY OR AREA Sec. 27 T 26N R 5W								
12. COUNTY OR PARISH Rio Arriba				13. STATE New Mexico				
15. DATE SPUDDED 11/15/66		16. DATE T.D. REACHED 11/28/66		17. DATE COMPL. (Ready to prod.) 12/27/66		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6525 GR 6538 KB All measurements from KB		
20. TOTAL DEPTH, MD & TVD 7500		21. PLUG, BACK T.D., MD & TVD 7470		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS 0 - 7500		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Graneros Sand Perforations: 7154-58, 7279-82, 7286-90, 7292-95 Dakota Sand Perforations: 7314-16, 7322-26, 7330-31, 7367-69, 7373-78, 7380-82						19. ELEV. CASINGHEAD None		
26. TYPE ELECTRIC AND OTHER LOGS RUN Cement Bond - Perforating Depth Control - Induction Electrical - Formation Density						25. WAS DIRECTIONAL SURVEY MADE None		
27. WAS WELL CORED none								
28. CASING RECORD (Report all strings set in well)								
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		
9 5/8		32.30		459		15"		
4 1/2		11.6		7494		7 7/8		
3 stages: 1st stage cement from 7494 to 5560 - 218 sacks.		3rd stage - 3474 - Surface 290 sacks.		525 sacks		895 sacks		
330 sacks.				sacks. 2nd stage cement		5560 to 3474 -		
29. LINER RECORD								
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		
None								
30. TUBING RECORD								
SIZE		DEPTH SET (MD)		PACKER SET (MD)				
2 3/8		7145		None				
31. PERFORATION RECORD (Interval, size and number) 7154-58, 7279-82, 7286-90, 7292-95, 7314-16, 7322-26, 7330-31, 7367-69, 7373-78, 7380-82 60 Schlumberger Hyper Jets - 3 3/8" gun 2 holes per foot								
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.								
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED				
7154 - 7382				1000 gal. Mud Acid, 120,000# 20-40 sand mixed 1/2 to 1 1/4# per gal. with slick water for frac treatment				
33.* PRODUCTION								
DATE FIRST PRODUCTION 12/27/66		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut in waiting on pipe line.		
DATE OF TEST 12/27/66		HOURS TESTED 3 hr.		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD not measured		
FLOW. TUBING PRESS. 316 psig		CASING PRESSURE 891 psig		CALCULATED 24-HOUR RATE 4031		OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO not measured - - -		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented during test								
35. LIST OF ATTACHMENTS Test and Pressure Data								
36. I hereby certify that the foregoing and attached information is correct as determined from all available records								
SIGNED [Signature]				TITLE Area Superintendent				
DATE January 18, 1967								

*(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 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 19: 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	TRUE VERT. DEPTH
Dakota	7154	7382	Sand, contains gas	Pictured Cliff	2952	
No cores or drill stem tests taken and fractured for stimulation			Was perforated at selected intervals and fractured for stimulation	Lewis Shale	3020	
				Chacra	3845	
				Cliff House	4635	
				Point Lookout	5146	
				Mancos Shale	5304	
				Niobrara	6290	6508
				Sanastee	6760	
				Greenhorn	7072	
				Graneros Formation	7126	
				Graneros Sand	7150	
			Dakota Sand	7248		
			Morrison Formation	7394		