

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 _____		5. LEASE DESIGNATION AND SERIAL NO. Tract 251 Contract 000154	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBU NAME Jicarilla Apache	
2. NAME OF OPERATOR Marathon Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 2659, Casper, Wyoming 82601		8. FARM OR LEASE NAME Jicarilla Apache	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface Sec. 34, T26N, R5W (1,850' FNL & 790' FEL) At top prod. interval reported below At total depth		9. WELL NO. 17	
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT So. Blanco Pictured Cliffs	
15. DATE SPUDDED 8-13-74		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 34, T26N, R5W	
16. DATE T.D. REACHED 8-22-74		12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 8-28-74		13. STATE New Mexico	
18. ELEVATIONS (DF, RNB, RT, GR, ETC.) 6,614' Gr.		19. ELEV. CASING HEAD 6,625' KB	
20. TOTAL DEPTH, MD & TVD 3,180'		21. PLUG BACK T.D., MD & TVD 3,118'	
22. IF MULTIPLE COMPL., HOW MANY* →		23. INTERVALS DRILLED BY 0-3,180'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Pictured Cliffs 3,018' to 3,044' w/Hyper Jets .49" Hole, 78 Holes		25. WAS DIRECTIONAL SURVEY MADE? None	
26. TYPE ELECTRIC AND OTHER LOGS RUN IEL, CDL, CDN, GR, BHCAL, CBL		27. WAS WELL CORED? None	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24#	224'	12-1/4"
4-3/4"	16#	3,172'	7-7/8"
		CEMENTING RECORD	
		215 Sacks Class "G"	
		(800 Sacks HOWCO Lite	
		(200 Sacks Class "B"	
		AMOUNT PULLED	
		None	
		None	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
None			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	2,980'	2,980'	
31. PERFORATION RECORD (Interval, size and number)			
Pictured Cliffs 3,018' to 3,044' w/Hyper Jets .49", 78 Holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3,018' to 3,044'		Sand Frac 6,000# 100-mesh	
		Sand 25,000#, 10-20 w/jelled water.	
33.* PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
		Flowing	
DATE OF TEST		WELL STATUS (XXXXXX shut-in)	
10-16-74		Pending pipeline connection	
HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.
3 Hours	3/4"	→	0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	GAS—MCF.
75 psig	Packer	→	1,039
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		WATER—BBL.	
Vented During Test		0	
35. LIST OF ATTACHMENTS		OIL GRAVITY-API (CORR.)	
Test report.		0	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.			
SIGNED <u>Paul J. Johnson</u>		TITLE <u>Dist. Operations Manager</u>	
		DATE <u>11/12/74</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 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: "Sucks 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Ojo Alamo	2,280'	2,612'	Water
Pictured Cliffs	2,979'	3,050'	Gas Sand

The Ojo Alamo Sand was perforated 2,550-58', 2,572-78', and 2,583-91' on 9/23/74. These perforations were swab tested for 2 days at a final rate of 39 BWPH, no gas or oil. The perforations: 2,550-2,591' were cement squeezed with 150 sacks cement on 9/25/74. The cement plug was drilled out and the cemented off perforations were swab tested again and no fluid entered.

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2,280'	
Pictured Cliffs	2,979'	