

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 <u>Dual Completion</u>		6. IF INDIAN, ALLOTTEE OR TRIBE 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 1100' FNL & 1550' FEL, Sec. 27, T26N R5W SE/4 NW/4 NE/4 At top prod. interval reported below At total depth		9. WELL NO. 10			
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT So. Blanco-Pictured Cliffs			
15. DATE SPUDDED 11-15-66		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 27-T26N-R5W			
16. DATE T.D. REACHED 11-28-66		12. COUNTY OR PARISH Rio Arriba			
17. DATE COMPL. (Ready to prod.) 2-27-75		13. STATE New Mexico			
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6525' GL, 6538' KB		19. ELEV. CASINGHEAD All measurements from KB.			
20. TOTAL DEPTH, MD & TVD 7500'		21. PLUG, BACK T.D., MD & TVD 7470'			
22. IF MULTIPLE COMPL., HOW MANY* Two		23. INTERVALS DRILLED BY ROTARY TOOLS 0-7500 CABLE TOOLS None			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Pictured Cliffs Sand 2968'-2990' (Dualled with previously producing Dakota)		25. WAS DIRECTIONAL SURVEY MADE No			
26. TYPE ELECTRIC AND OTHER LOGS RUN 1966 Cement Bon, Perforating Depth Control, IEL and FDC		27. WAS WELL CORED No			
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
9-5/8"		32.30		459	
4-1/2"		11.6		7,494	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
15"		525 Sacks		None	
7-7/8"		895 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"		7120'		7120'	
31. PERFORATION RECORD (Interval, size and number)					
Pictured Cliffs - 2968'-2990' W/ 3 Hyper II jets/ft.					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
2968'-2990'		37,500#, 20-40 mesh sand mixed w/ 2% KCl & FR-2			
33. PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)
		Pictured Cliffs - Flowing up Annulus			shut-in Pictured Cliffs
DATE OF TEST		HOURS TESTED		CHOKED SIZE	
3-4-75		3 hours		3/4"	
PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.	
		0		.181	
WATER—BBL.		GAS-OIL RATIO			
0		-		-	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
Packer		108 PSIG			
OIL—BBL.		GAS—MCF.		WATER—BBL.	
0		1447		0	
OIL GRAVITY-API (CORR.)					
34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.)					
Vented during test.					
TEST WITNESSED BY E. A. Nelson					
35. LIST OF ATTACHMENTS New Mexico Oil Conservation Commission Form C-122 & Northwest New Mexico Packer- Leakage test					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>E. A. Nelson</u>		TITLE <u>District Engineer</u>		DATE <u>4-7-75</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 23, 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 27: "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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Pictured Cliffs	2952	3020	Gas sand - perforated from 2968'-2990' Will produce from annulus (2-3/8" tubing x 4-1/2" casing).
Mesaverde Cliff House	4635	4715	Noncommercial gas sand perforated 4688'-4708', sandfractured and tested water and gas. Cement squeezed with 150 sacks of cement on January 29, 1975.
Dakota Sand	7154	7382	Gas sand - perforated in selective intervals and sandfractured in 1966. Will produce through packer at 7120' and through 2-3/8" tubing.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	2952'	
Lewis Shale	3020'	
Chacra	3845'	
Cliff House	4635'	
Point Lookout	5146'	
Mancos Shale	5304'	
Niobrara	6290'	
Basal Niobrara	6508'	
Sanastee	6760'	
Greenhorn	7072'	
Graneros	7126'	
Formation	7150'	
Graneros Sand	7248'	
Dakota Sand		
Morrison		
Formation	7374'	