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NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105
Revised 11-1-78

1a. TYPE OF WELL				5a. Indicate Type of Lease			
b. TYPE OF COMPLETION				State ☒ Fee ☐			
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐				5. State Oil & Gas Lease No.			
2. Name of Operator				A-2614			
Marathon Oil Company				7. Unit Agreement Name			
3. Address of Operator				8. Farm or Lease Name			
P.O. Box 2409 Hobbs, NM 88240				McDonald St. A/C 2			
4. Location of Well				9. Well No.			
UNIT LETTER <u>C</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>2310</u> FEET FROM				34			
THE <u>West</u> LINE OF SEC. <u>13</u> TWP. <u>22S</u> RGE. <u>36E</u> NMPM				10. Field and Pool, or Wildcat			
				Arrowhead-Drinkard			
15. Date Spudded				12. County			
1-1-81				Lea			
16. Date T.D. Reached		17. Date Compl. (Ready to Prod.)		18. Elevations (DF, RAB, RT, GR, etc.)		19. Elev. Casinghead	
1-22-81		2-8-81		GL 3483.0', KB 3496.3		3483.0'	
20. Total Depth		21. Plug Back T.D.		22. If Multiple Compl., How Many		23. Intervals Drilled By	
6750'		6714'				Rotary Tools	
						Cable Tools	
24. Producing Interval(s), of this completion - Top, Bottom, Name						25. Was Directional Survey Made	
Drinkard 6545' - 6605'						No	
26. Type Electric and Other Logs Run						27. Was Well Cored	
GR/CNL/FDC/Cal, CBL/GR/CCL, DLL/GR						No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
8 5/8"	24#	1320'	11"	270 sx light + 300 sx Class C w/2% CaCl ₂			
5 1/2"	15.5#	6750'*	7 7/8"	1st stg - 575 sx Cl "C" & 200 sx Cl C Neat			
				2nd stg - 1100 sx Cl "C" w/6#/sk salt &			
				100 sx Class "C" Neat			
29. LINER RECORD							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	30. TUBING RECORD		
					SIZE	DEPTH SET	PACKER SET
					2 3/8"	6616.10'	
31. Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
6545', 48, 50, 52, 57, 60, 62, 64, 70, 72, 76, 6580', 85, 88, 93, 98, 6601', 05, 1 JSPF (Total of 18 holes).				DEPTH INTERVAL			
				AMOUNT AND KIND MATERIAL USED			
				6545' - 6605' 2500 gal. MSR-100 + NE			
				6545' - 6605' 45000 gal. frac job: 32000# 100 mesh sand, 44000# 20/40 sand, 9000# 10/20 sand w/sk salt &			
				Benzoic acid flakes for divert.			
33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
2-17-81		Pumping - 1 1/2" rod pump				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
3-1-81	24 hrs.	Open		74	50	79	675.7
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
55 psi	55 psi		74	50	79	35	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
Sold						Patrick N. Burton	
35. List of Attachments							
GR/CNL/FDC/Cal Log, DLL/GR Log, C-104, Inclination Report.							
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.							
SIGNED <u>C. C. Sackhoff</u>				TITLE <u>Operations Superintendent</u>		DATE <u>3-2-81</u>	

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-filled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	1180'	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	1340'	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	2475'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	2616'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	2870'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	3320'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	3636'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	3890'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	5110'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____		T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	5454'	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	6172'	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	6529'	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____		T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____		T. _____	T. Chinle _____	T. _____
T. Penn. _____		T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____		T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 6545' to 6605' No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1180		Redbed				
	2650		Anhydrite & Dolomite & Salt				
	3800		Lime & Shale				
	6177		Lime & Shale & Dolomite				
	6750		Dolomite				