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Form C-105
Revised 1-1-55

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

5a. Indicate Type of Lease State ☐ Fee ☒
5. State Oil & Gas Lease No.

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐	7. Unit Agreement Name
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐	8. Farm or Lease Name Lou Worthan

2. Name of Operator Marathon Oil Company	9. Well No. 14
3. Address of Operator P. O. Box 2409 Hobbs, New Mexico 88240	10. Field and Pool, or Wildcat Wantz Granite Wash

4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>520</u> FEET FROM THE <u>North</u> LINE AND <u>330</u> FEET FROM <u>East</u> LINE OF SEC. <u>11</u> TWP. <u>22S</u> RGE. <u>37E</u> NMPM	12. County Lea
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15. Date Spudded 3-12-76	16. Date T.D. Reached 4-9-76	17. Date Compl. (Ready to Prod.) 4-22-76	18. Elevations (D.E., RKB, RT, GR, etc.) GL 3350' KDB 3361'	19. Elev. Casinghead 3350'
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20. Total Depth 7540'	21. Plug Back T.D. 7515'	22. If Multiple Compl., How Many ---	23. Intervals Drilled By Rotary Tools All	24. Cable Tools ---
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24. Producing Interval(s), of this completion - Top, Bottom, Name 7289'-7515' WANTZ GRANITE WASH	25. Was Directional Survey Made NO
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26. Type Electric and Other Logs Run Gamma Ray-Compensated Neutron-Formation Density-Caliper and Dual Laterolog-Microspherical logs. TD to 4800'.	27. Was Well Corral NO
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28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32	1265'	12-1/4"	400 sx Dowell Lite followed by 250 sx Class "C"	
7"	23	7516'	8-3/4"	Stg1-1112 sx Cl. "C" 50/50 Poz lite	
w/DV Tool @ 4520'			Stg2-1168 sx Dowell lite **		

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	7243'	7243'

31. Perforation Record (Interval, size and number) 7289', 93, 97, 7301', 05, 09, 13, 17, 21, 25, 7497', 99, 7501', 03, 05, 07, 09, 11, 13, 15. w/1 JSPF (20 holes)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>7289'-7515'</td> <td>400 gal 15% Acid</td> </tr> <tr> <td>7289'-7515'</td> <td>2000 gal Mod 101 Acid</td> </tr> <tr> <td>7289'-7515'</td> <td>30,000 gal VO-34,000# Sand Frac</td> </tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	7289'-7515'	400 gal 15% Acid	7289'-7515'	2000 gal Mod 101 Acid	7289'-7515'	30,000 gal VO-34,000# Sand Frac
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33. PRODUCTION							
Date First Production 4-25-76		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOW				Well Status (Prod. or Shut-in) PROD.	
Date of Test 4-28-76	Hours Tested 9	Choke Size 20/64"	Prod'n. For Test Period →	Oil - Bbl. 232.2	Gas - MCF 452	Water - Bbl. 0	Gas - Oil Ratio 1946
Flow Tubing Press. 920#	Casing Press. at Pkr. →	Calculated 24-Hour Rate →	Oil - Bbl. 619.2	Gas - MCF 1205	Water - Bbl. 0	Oil Gravity - API (Corr.) 48	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD	Test Witnessed By E. E. Powell
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35. List of Attachments GR-CNL-Formation Density-Caliper log; Inclination report.
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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 	TITLE <u>Petroleum Engineer</u>	DATE <u>April 30, 1976</u>
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xc: RPS JCH Skelly T-NM File

** Followed by 400 sx Class "C"

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-drilled or abandoned 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 quadruplicate except on state land, where six copies are required. See Rule 1105

Northwestern New Mexico

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FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation
11	1119	1108	Redbed and Anhy.
1119	1265	146	Anhy.
1265	1846	581	Anhy. & Salt
1846	2436	590	Redbed and Anhy
2436	3275	839	Anhy.
3275	3760	485	Lime & Anhy.
3760	3900	140	Lime
3900	4290	390	Lime & Sand
4290	7003	2713	Lime
7003	7020	17	Lime & Chert
7020	7339	319	Lime
7339	7353	14	Lime & Chert
7353	7459	106	Lime
7459	7479	20	Lime & Chert
7479	7483	4	Chert & Granite
7483	7529	46	Granite Wash
7529	7540	11	Chert & Granite