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Form C-105
Revised 1-1-65

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

FEB 25 1976

5a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	L 5029

1a. TYPE OF WELL										7. Unit Agreement Name													
b. TYPE OF COMPLETION										8. Farm or Lease Name													
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐ <u>O.C.C.</u>										State "27"													
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐										9. Well No.													
2. Name of Operator										10. Field and Pool, or Wildcat													
Marathon Oil Company										Wildcat													
3. Address of Operator										12. County													
P. O. Box 2409, Hobbs, New Mexico 88240										Chaves													
4. Location of Well										15. Date Spudded													
UNIT LETTER <u>M</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM										8-24-75													
THE <u>West</u> LINE OF SEC. <u>27</u> TWP. <u>4S</u> RGE. <u>27E</u> NMPM										16. Date T.D. Reached													
										9-24-75													
										17. Date Compl. (Ready to Prod.)													
										11-22-75													
										18. Elevations (DF, RKB, RT, GR, etc.)													
										GL 3942'; KDB 3960'													
										19. Elev. Casinghead													
										3942'													
20. Total Depth										21. Plug Back T.D.													
6561'										6345'													
22. If Multiple Compl., How Many										23. Intervals Drilled By													
-										Rotary Tools													
										All													
24. Producing Interval(s), of this completion - Top, Bottom, Name										25. Was Directional Survey Made													
6218-6268' <u>Steam</u>										Yes													
26. Type Electric and Other Logs Run										27. Was Well Cored													
Gamma Ray/Compensated Neutron-Formation Density w/Caliper and Dual Laterolog w/Micro SFL										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#				1400'				12 1/2" & 11"				435 sx Cl. C w/2% extender + 1/4# Cello				flakes, followed by 150 sx Cl-C w/2%			
												CaCl; "1-inched"				surface w/100 sx Class C.							
5 1/2"				15.5#				6561'				7 7/8"				300 sx Class "C"							
29. LINER RECORD										30. TUBING RECORD													
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		SIZE		DEPTH SET		PACKER SET									
										2 7/8"		6095'		6095'									
31. Perforation Record (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.													
6464-6486' w/1 JSPF (22 holes) Abandoned										DEPTH INTERVAL													
6218-22', 24-28', 30-40', and 64-68' w/1 JSPF (22 holes)										AMOUNT AND KIND MATERIAL USED													
										6464-6486' 2,000 gal 15% HCl (Abandoned)													
										6218-68' 4,000 gal 7 1/2% Morrow Acid													
										6218-68' 40,000 gal ALCO gel, 35,000# 20-40													
										sd, blended w/80 tons CO ₂													
33. PRODUCTION																							
Date First Production				Production Method (Flowing, gas lift, pumping - Size and type pump)								Well Status (Prod. or Shut-in)											
10-18-75				Flow								SI											
Date of Test		Hours Tested		Choke Size		Prod'n. For Test Period		Oil - Bbl.		Gas - MCF		Water - Bbl.		Gas - Oil Ratio									
11-21-75		24		32/64				-		1,344		-		-									
Flow Tubing Press.		Casing Pressure		Calculated 24-Hour Rate		Oil - Bbl.		Gas - MCF		Water - Bbl.		Oil Gravity - API (Corr.)											
280 psig		Packer				-		1,344		-		-											
34. Disposition of Gas (Sold, used for fuel, vented, etc.)												Test Witnessed By											
Flared												M. L. Johnston											
35. List of Attachments																							
Logs - see line No. 26; DST 6141' to 6233'*																							
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>M. L. Johnston</u>										TITLE <u>Petroleum Engineer</u>					DATE <u>February 24, 1976</u>								

*Inclination Survey to follow. C-104 to follow.

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-drilled 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 <u>417</u>	T. Canyon <u>6056 (-2096)</u>	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1460</u>	T. Strawn <u>6180 (-2220)</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>4395</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss Lm <u>6300 (-2340)</u>	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya <u>Dolo 6460</u>	T. Mancos _____	T. McCracken _____
T. San Andres <u>1315 (+2645)</u>	T. Simpson <u>(-2500)</u>	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>2518 (+1442)</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash <u>6530 (-2770)</u>	T. Morrison _____	T. _____
T. Tubb <u>3916 (+44)</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>4537 (-577)</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>5259 (-1299)</u>	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) <u>5798</u>	T. _____	T. Penn. "A" _____	T. _____
<u>(-1838)</u>			

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
12	464	452	Sand				
464	760	296	Sand & Anhydrite				
760	1328	568	Sand & Shale				
1328	1400	72	Sand & Anhydrite				
1400	1677	277	Salt & Anhydrite				
1677	2009	332	Lime & Shale				
2009	2503	494	Lime				
2503	3300	797	Lime & Salt				
3300	4150	850	Lime & Shale				
4150	4405	255	Dolomite & Anhydrite, Salt				
4405	4461	56	Dolomite & Anhydrite				
4461	4676	215	Lime & Shale				
4676	4686	10	Shale				
4686	4950	264	Lime & Shale				
4950	5128	178	Lime				
5128	5177	49	Lime & Shale				
5177	5638	461	Lime				
5638	6120	482	Lime & Shale				
6120	6154	34	Lime & Sand				
6154	6233	79	Lime & Shale				
6233	6268	35	Sand (Congl) & Shale				
6268	6290	22	Sand & Shale				
6290	6468	178	Lime & Chert				
6468	6530	62	Dolomite & Chert				
6530	6561	31	Congl Quartz & Dolo Pebbles				