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Form C-105
Revised 11-1-84

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 _____

b. TYPE OF COMPLETION
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☒ DIFF. RESVR. ☐ OTHER _____

7. Unit Agreement Name

8. Form or Lease Name
W. S. Marshall "B"

2. Name of Operator
Marathon Oil Company

9. Well No.
4

3. Address of Operator
P. O. Box 552, Midland, Texas 79702

10. Field and Pool, or Wildcat
Paddock

4. Location of Well
UNIT LETTER L LOCATED 1980 FEET FROM THE South LINE AND 660 FEET FROM

11. County
Lea

THE West LINE OF SEC. 27 TWP. 21-S RGE. 37-E NMPM

15. Date Spudded 4-10-47 16. Date T.D. Reached 5-19-47 17. Date Compl. (Ready to Prod.) 5-28-87 18. Elevations (DF, RKB, RT, CR, etc.) GR: 3415' KB: 3428' 19. Elev. Casinghead 3415'

20. Total Depth 6555' 21. Plug Back T.D. 5440' 22. If Multiple Compl., How Many - 23. Intervals Drilled By Rotary Tools Cable Tools _____

24. Producing interval(s), of this completion - Top, Bottom, Name
5130'-5270'

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
None for recompletion - Logs filed previously

27. Was Well Cored
No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48	299'	17"	250 sx.	None
8-5/8"	32	2800'	11"	1500 sx.	None
5-1/2"	17	6520'	8"	500 sx.	None

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2-3/8"	5299'	--

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
5130'-39', 50'-53', 83'-95', 5217'-25', 40'-45', 54'-58', and 5265'-70' (1 JSPF) 53 holes .41" dia.		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		5130'-5270'	2500 gal. 15% NEFE
		5450'	CIBP & dump bailed 1 sx. cmt.
		6000'	CIBP & spot 2 sx. cmt. on plu

33. PRODUCTION

Date First Production 5-28-87 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 1-1/2" Insert Well Status (Prod. or Shut-in) Prod.

Date of Test <u>6-2-87</u>	Hours Tested <u>24</u>	Choke Size <u>24</u>	Prod'n. For Test Period <u>24</u>	Oil - Bbl. <u>60</u>	Gas - MCF <u>105</u>	Water - Bbl. <u>2500</u>	Gas - Oil Ratio <u>36.8</u>
Flow Tubing Press. <u>20</u>	Casing Pressure <u>20</u>	Calculated 24-Hour Rate <u>24</u>	Oil - BBL. <u>60</u>	Gas - MCF <u>105</u>	Water - Bbl. <u>2500</u>	Oil Gravity - API (Corr.) <u>36.8</u>	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold Test Witnessed By Ralph Skinner

35. List of Attachments
C-103 (Logs filed previously)

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 Eric M. Pungile TITLE Engineer DATE June 5, 1987

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 1135.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	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 _____ 3495'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 3862'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 5048'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____ 5128'	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____ 5487'	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	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 _____ 5128' to _____ 5270' 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
13'	152'	139'	Surface Sand & Gravel				
152'	1240'	1088'	Red Bed				
1240'	1370'	130'	Salt and Anhydrite				
1370'	1497'	127'	Salt				
1497'	3125'	1628'	Anhydrite				
3125'	6555'	3430'	Lime				

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JUN 10 1987
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