

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

Form C-105
Revised 11-1-8

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 W. S. Marshall "B"

2. Name of Operator
Marathon Oil Company

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

4. Location of Well
UNIT LETTER M LOCATED 634 FEET FROM THE South LINE AND 632 FEET FROM
THE West LINE OF SEC. 27 TWP. 21-S RGE. 37-E

12. County
Lea

15. Date Spudded 3-5-87 16. Date T.D. Reached 3-26-87 17. Date Compl. (Ready to Prod.) 4-27-87 18. Elevations (DF, RKB, RT, GR, etc.)
GL: 3419' KB: 3432.6' 19. Elev. Casinghead 3416'

20. Total Depth 7600' 21. Plug Back T.D. 7548' 22. If Multiple Compl., How Many Two 23. Intervals Drilled By
Rotary Tools All Cable Tools _____

24. Producing Interval(s), of this completion - Top, Bottom, Name
Blinebry Oil and Gas 5604-5896 25. Was Directional Survey Made
No

25. Type Electric and Other Logs Run
CNL-LDT, DLL-MSFL, GR-CBL-CLL 27. Was Well Cored
No

29. 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	1200'	12-1/4"	400 sx Lite & 250 sx C1."C"	None
5-1/2"	15.5 & 17	7600'	7-7/8"	1st stage 900 sx 50:50 POZ	None
5-1/2" DV Tool		3990'	7-7/8"	2nd stage 2100 sx Lite &	
				100 sx. C1. "H"	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-1/16"	5548'	

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
5604, 19', 43', 51', 65', 75', 86', 5719', 26', 44', 55', 97', 5801', 13', 60', 70', 81', and 5896' (1 JSPF - 18 holes - .41" dia.)		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		5604'-5896'	3350 gal. 15% HCl
		5604'-5896'	60,000 gal. gelled water carrying 113,000 lbs. 20/40 sand.

33. PRODUCTION							
Date First Production 4-27-87		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 5-14-87	Hours Tested 24	Choke Size 16/64"	Prodn. For Test Period →	Oil - Bbl. 108	Gas - MCF 208	Water - Bbl. 60	Gas - Oil Ratio 1926
Flow Tubing Press. 250	Casing Pressure 250	Calculated 24-Hour Rate →	Oil - BBL. 108	Gas - MCF 208	Water - Bbl. 60	Oil Gravity - API (Corr.) 39°	

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

35. List of Attachments
CNL-LDT, DLL-MSFL, Inclination Report, Authorization for Multiple Completion

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. Purjil TITLE Engineer DATE May 20, 1988

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 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 in state land, where six copies are required. See Rule 1195.

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 _____ 2528'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3498'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3658'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 3806'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 5040'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____ 5148'	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____ 5514'	T. Gr. Wash _____ 7468'	T. Morrison _____	T. _____
T. Tubb _____ 6000'	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____ 6467'	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abc _____ 6588'	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 _____ 5604' to _____ 5896'	No. 4, from _____ to _____
No. 2, from _____ 6730' to _____ 6922'	No. 3, 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'	1250'	1237'	Redbed and anhydrite				
1250'	2460'	1210'	Anhydrite				
2460'	2890'	430'	Salt and anhydrite				
2890'	3280'	390'	Anhydrite				
3280'	3590'	310'	Anhydrite and Lime				
3590'	7468'	3878'	Lime and Dolomite				
7468'	7600'	132'	Granite Wash				

RECEIVED
MAY 22 1987
OCD
HOBBS OFFICE