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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

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

2. Name of Operator

Marathon Oil Company

3. Address of Operator

P. O. Box 552, Midland, Texas 79702

4. Location of Well

UNIT LETTER A LOCATED 750 FEET FROM THE North LINE AND 750 FEET FROM

THE East LINE OF SEC. 23

TWP. 16-S

RGE. 38-E

NMPM

12. County

Lea

15. Date Spudded

3-13-87

16. Date T.D. Reached

5-11-87

17. Date Compl. (Ready to Prod.)

5-21-87

18. Elevations (DF, RKB, RT, GR, etc.)

GR: 3697' KB: 3718'

19. Elev. Casinghead

3697'

20. Total Depth

13,300'

21. Plug Back T.D.

13,222'

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools
All

Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name

13,072'-13,100' (Devonian)

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

DLL-MSFL, CNL-LTD, FMS, GR-CBL-CCL

27. Was Well Cored

Yes

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	298'	17-1/2"	375 sx. C1. "C"	None
9-5/8"	36 & 40	5,007'	12-1/4"	1800 sx Lite & 250 C1. H	None
5-1/2"	17 & 20	13,280'	8-3/4"	1925 sx 50:50 POZ	None

29.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	12,986'	12,986'

31. Perforation Record (Interval, size and number)

13,072'-13,100' (0.41" diameter - 4JSPF - 105 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33.

PRODUCTION

Date First Production 5-21-87 Production Method (*Flowing, gas lift, pumping - Size and type pump*) Flowing Well Status (*Prod. or Shut-in*) Prod.

Date of Test <u>6-09-87</u>	Hours Tested <u>24</u>	Choke Size <u>24/64"</u>	Prod'n. For Test Period <u>223</u>	Oil - Bbl. <u>223</u>	Gas - MCF <u>50</u>	Water - Bbl. <u>0</u>	Gas - Oil Ratio <u>224</u>
Flow Tubing Press. <u>40 psi</u>	Casing Pressure <u>0</u>	Calculated 24-Hour Rate <u>223</u>	Oil - Bbl. <u>223</u>	Gas - MCF <u>50</u>	Water - Bbl. <u>0</u>	Oil Gravity - API (Corr.) <u>48.8</u>	

34. Disposition of Gas (*Sold, used for fuel, vented, etc.*)

Vented

Test Witnessed By

Jim Patterson

35. List of Attachments

DLL-MSFL, CNL-LTD

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. Pung TITLE Engineer DATE June 10, 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 1105.

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 <u>11,326'</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian <u>13,058'</u>	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>5015'</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>6319'</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock <u>6534'</u>	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>7716'</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>8346'</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>9517'</u>	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 <u>13,048'</u> to <u>13,140'</u>	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
21'	380	359	Surface sand & gravel	11512	11800	288	Sandstone and Shale
380	2123	1743	Red Bed	11800	11980	180	Limestone
2123	2552	429	Sand and Shale	11980	12148	168	Limestone and Shale
2552	4668	2116	Anhydrite & Salt	12148	12974	826	Limestone
4668	5305	637	Anhydrite & Dolomite	12974	13058	84	Shale
5305	9892	4587	Dolomite	13058	13300	242	Dolomite
9892	10195	303	Limestone				
10195	10540	345	Dolomite				
10540	10670	130	Limestone				
10670	11015	345	Limestone & Dolomite				
11015	11512	497	Limestone & Shale				

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