

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-105  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

2040 Pacheco St.  
Santa Fe, NM 87505

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.

30-025-33951

5. Indicate Type Of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐

2. Name of Operator

Marathon Oil Company

3. Address of Operator

P.O. Box 2409 Hobbs, NM 88240

4. Well Location

Unit Letter F : 2036 Feet From The North Line and 2089 Feet From The West Line

Section 31 Township 17-S Range 35-E NMPM Lea County

10. Date Spudded 7/14/97 11. Date T.D. Reached 8/26/97 12. Date Compl.(Ready to Prod.) 9/24/97 13. Elevations(DF & RKB, RT, GR, etc.) GL 3982' KB 4001' 14. Elev. Casinghead

15. Total Depth 11,610 16. Plug Back T.D. 10,990 17. If Multiple Compl. How Many Zones? 3 18. Intervals Drilled By Rotary Tools X Cable Tools

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

8438-9309 Vacuum; Abo, North

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

See Attached

22. Was Well Cored

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>11 3/4"</u>	<u>42#</u>	<u>1,385</u>	<u>14 3/4"</u>	<u>815 SXS</u>	
<u>8 5/8"</u>	<u>32 &amp; 24 #</u>	<u>3,143</u>	<u>11"</u>	<u>980 SXS</u>	
<u>5 1/2"</u>	<u>17#</u>	<u>11,610</u>	<u>7 7/8"</u>	<u>2440 SXS</u>	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					<u>2 7/8" L-80</u>	<u>10,638</u>	

26. Perforation record (interval, size, and number)

8438-8559 2 JSPP 162 Holes  
9124-9309 2-JSPP

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

8438-8559 4000 gals 15% acid  
9124-9309 6000 gals 15% acid

28. PRODUCTION

Date First Production 9/28/97 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping Well Status (Prod. or Shut-in) Producing

Date of Test 2/16/98 Hours Tested 24 Choke Size 30 Prod'n For Test Period 30 Oil - Bbl. 98 Gas - MCF 1 Water - Bbl. 3267 Gas - Oil Ratio

Flow Tubing Press. 150 Casing Pressure 50 Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.)

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

Sold

Test Witnessed By

30. List Attachments

Deviation Survey, Logs

31. 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

Signature Kelly Cook Printed Name Kelly Cook Title Records Processor Date 3/16/98

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 25 through 29 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

## Northeastern New Mexico

T. Anhy	
T. Salt	
B. Salt	
T. Yates	
T. 7 Rivers	
T. Queen	
T. Grayburg	
T. San Andres	
T. Glorieta	
T. Paddock	
T. Blinebry	
T. Tubb	7380'
T. Drinkard	7608'
T. Abo	7990'
T. Wolfcamp	9378'
T. Penn	10,074'
T. Cisco (Bough C)	

T. Canyon	
T. Strawn	11,001'
T. Atoka	11,162'
T. Miss	
T. Devonian	
T. Silurian	
T. Montoya	
T. Simpson	
T. McKee	
T. Ellenburger	
T. Gr. Wash	
T. Delaware Sand	
T. Bone Springs	
T. Middle Wolfcamp	9752'
T. Lower Wolfcamp	9939'
T. Middle Penn	10,482'
T. Lower Morrow	11,430'

T. Qjo Alamo \_\_\_\_\_  
T. Kirtland-Fruitland \_\_\_\_\_  
T. Pictured Cliffs \_\_\_\_\_  
T. Cliff House \_\_\_\_\_  
T. Menefee \_\_\_\_\_  
T. Point Lookout \_\_\_\_\_  
T. Mancos \_\_\_\_\_  
T. Gallup \_\_\_\_\_  
Base Greenhorn \_\_\_\_\_  
T. Dakota \_\_\_\_\_  
T. Morrison \_\_\_\_\_  
T. Todilto \_\_\_\_\_  
T. Entrada \_\_\_\_\_  
T. Wingate \_\_\_\_\_  
T. Chinle \_\_\_\_\_  
T. Permian \_\_\_\_\_  
T. Penn "A" \_\_\_\_\_

T. Penn. "B" \_\_\_\_\_  
T. Penn. "C" \_\_\_\_\_  
T. Penn. "D" \_\_\_\_\_  
T. Leadville \_\_\_\_\_  
T. Madison \_\_\_\_\_  
T. Elbert \_\_\_\_\_  
T. McCracken \_\_\_\_\_  
T. Ignacio Otzte \_\_\_\_\_  
T. Granite \_\_\_\_\_  
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## OIL OR GAS SANDS OR ZONES

No. 1, from ..... to .....  
No. 2, from ..... to .....

No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 4, 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 .....

**LITHOLOGY RECORD** (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology