

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

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.

30-015-31048

5. Indicate Type Of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

NM 1832

7. Lease Name or Unit Agreement Name

NORTH INDIAN BASIN UNIT

891008508-0

8. Well No.

36

9. Pool name or Wildcat

INDIAN BASIN UPPER PENN GAS POOL

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 552, Midland, TX 79702

4. Well Location

Unit Letter F : 2210 Feet From The NORTH Line and 1650 Feet From The WEST Line

Section 16

Township 21-S

Range 23-E

NMPM

EDDY

County

10. Date Spudded

4/11/00

11. Date T.D. Reached

4/26/00

12. Date Compl. (Ready to Prod.)

5/25/00

13. Elevations (DF & RKB, RT, GR, etc.)

GL-3988'

KB-4006'

14. Elev. Casinghead

15. Total Depth

8102'

16. Plug Back T.D.

8008'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

ALL

Cable Tools

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

7350' - 7610' UPPER PENN

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run

CNL/NGR, NGR Spectroscopy tool, NGR Digital Array Sonic

22. Was Well Cored

NO

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	Conductor	40'		Cement to surface	
9-5/8"	36#	1205'	14.75"	885 SX, CIRC 275 TO SURF.	
7"	23 & 26#	8055'	8.75"	1900 SX, CIRC 250 SX	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	7941'	

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

7350' - 7386', 7394' - 7406', 7412' - 7438', 7444' - 7610'

4 SPF

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7592' - 7610'	1530 GAL 15% HCl
7350' - 7592'	20,000 GAL 15% HCl

28. PRODUCTION

Date First Production 5/27/00		Production Method (Flowing, gas lift, pumping - Size and type pump) Sub pump, 120 hp TD 650 pumps w/305 stages				Well Status (Prod. or Shut-in) Producing	
Date of Test 6/20/00	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 0	Gas - MCF 1711	Water - Bbl. 775	Gas - Oil Ratio n/a
Flow Tubing Press. 140	Casing Pressure 120	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.) n/a	

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

SOLD

Test Witnessed By

30. List Attachments

Logs and inclination survey

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

Ginny Larke

Printed Name

Ginny Larke

Title

Eng. Technician

Date

6/28/00

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

T. Anhy _____	T. Canyon _____ 7410'
T. Salt _____	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____ 1950'	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinberry _____	T. Gr. Wash _____
T. Tubb _____ 5342'	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo _____ 5605'	T. _____
T. Wolfcamp _____ 5622'	T. _____
T. Penn _____ 7230'	T. _____
T. Cisco (Bough C) _____ 7342'	T. _____

Northeastern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 7342' _____ to _____ 7610' _____	No. 3, from _____ to _____
No. 2, 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
5000'	5260'	260	Limestone				
5260'	5640'	380	Limestone interbedded w/sand				
5640'	6180'	540	Predominantly Shale				
6180'	6470'	290	Shale & Limestone				
6470'	7230'	760	Predominantly Shale				
7230'	7342'	112	Limestone				
7342'	7610'	268	Dolomite				
7610'	8100'	490	Limestone/Shale/Sandstone				