

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French, Hobbs, NM 88240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.

30-015-31591

5. Indicate Type Of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

OG-6063-2

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

7. Lease Name or Unit Agreement Name

INDIAN HILLS UNIT

8. Well No.

32

9. Pool name or Wildcat

INDIAN BASIN UPPER PENN ASSOCIATED

4. Well Location

Unit Letter M : 1293 Feet From The SOUTH Line and 660 Feet From The WEST Line

Section 16 Township 21-S Range 24-E NMPM EDDY County

10. Date Spudded

3/3/2001

11. Date T.D. Reached

3/30/2001

12. Date Compl. (Ready to Prod.)

6/23/2001

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

KB-4203' GL-4177'

14. Elev. Casinghead

15. Total Depth

8700'

16. Plug Back T.D.

8652'

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

7870' - 8360', UPPER PENNSYLVANIAN

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run

LATEROLOG ARRAY/MCFL/NGT, 3 DETECTOR LITHODENSITY CN/NGT

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
13-3/8"	54.5	1795'	17.5	1400 sk + 8 yds redi-mix	
9-5/8"	40 & 43.5	8700'	12.25	2205 sk, circ. 90 sk	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					3-1/2"	8602'	RBP-8602'

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

8326'-8360' 5 jspf, 8114'-8134', 8134'-8154',
8166'-8186', 8186'-8206', 8206'-8226', 8234'-8244'
5 jspf, 7870'-7972', 7984'-7990', 8088'-8114' 5 jspf

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8326'-8360'	4000 gals 15% CCA acid
7870'-8244'	26,500 gals 15% CCA sour acid

PRODUCTION

28. Date First Production 6/23/01 Production Method (Flowing, gas lift, pumping - Size and type pump) 4-TG4000 SUB PUMP Well Status (Prod. or Shut-in) PRODUCING

Date of Test <u>7/8/01</u>	Hours Tested <u>24</u>	Choke Size	Prod'n For Test Period	Oil - Bbl. <u>704</u>	Gas - MCF <u>14839</u>	Water - Bbl. <u>9427</u>	Gas - Oil Ratio <u>21078</u>
Flow Tubing Press. <u>390</u>	Casing Pressure <u>340</u>	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

LOGS & 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 Engineer Technician Date 7/12/01

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 _____ 8000
T. Salt _____	T. Strawn _____ 8504
B. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____ 50	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____ 1256	T. Simpson _____
T. Glorieta _____ 2890	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinbry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo _____	T. Yesso _____ 3013
T. Wolfcamp _____ 7066	T. Bone Springs Lime _____ 5262
T. Penn _____	T. 3rd Bone Springs _____ 6686
T. Cisco (Bough C) _____ 7850	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 _____ 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
7850	8504	654	Dolomite, Shale, Limestone Contains Oil, Gas & Water				