

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
LC 064391B

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
70964A ✓

2. Name of Operator
MARATHON OIL COMPANY / Contact: GINNY LARKE
E-Mail: vllarke@marathonoil.com

8. Lease Name and Well No.
INDIAN HILLS UNIT 25

3. Address P.O. BOX 552
MIDLAND, TX 79702 3a. Phone No. (include area code)
Ph: 800.351.1417 Ext: 8321

9. API Well No.
30-015-31194 S2

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface NWNE Lot B 1093FNL 1367FEL

At top prod interval reported below SENE Lot H 1652FNL 809FEL

At total depth NWNE Lot H 2103FNL 696FEL

10. Field and Pool, or Exploratory
INDIAN BASIN UPPER PENN ASSOC

11. Sec., T., R., M., or Block and Survey
or Area Sec 20 T21S R24E Mer NMP

12. County or Parish
EDDY 13. State
NM

14. Date Spudded
11/11/2000 15. Date T.D. Reached
12/19/2000 16. Date Completed
☐ D & A ☒ Ready to Prod.
10/18/2002

17. Elevations (DF, KB, RT, GL)*
4184 KB

18. Total Depth: MD 10400
TVD 10244 19. Plug Back T.D.: MD 9931
TVD 9785 20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 L80	44.0	0	87		0			
17.500	13.375 J55	54.0	0	1795		2350		0	
12.250	9.625 K55	40.0	87	5428		0			
12.250	9.625 L80	44.0	5428	8864		2375		0	
8.750	7.000 K55	26.0	8731	10400		325			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
3.500	8674							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) UPPER PENN	7926	8526	7929 TO 8361		990	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7929 TO 8361	20,600 GALS SBM 15% CCA SOUR ACID W/5' SPACING, 71 SETTINGS

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/18/2002	10/21/2002	24	→	427.0	2925.0	3336.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	250	200.0	→					PGW	

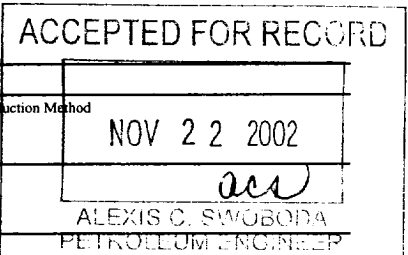
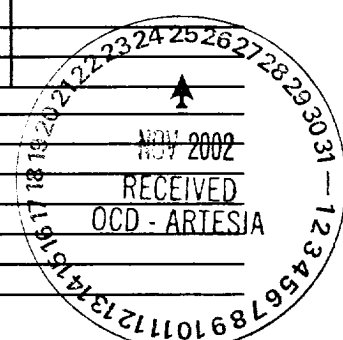
28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #15979 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

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

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
UPPER PENN MORROW	7926 9692	8526 10148	DOLOMITE, SHALE, LIMESTONE SAND, SHALE, LIMESTONE	QUEEN SANANDRES GLORIETTA YESO BONE SPRING 3RD BONE SPRING SAND WOLFCAMP UPPER PENN STRAWN ATOKA MORROW BARNETT	479 1185 2842 2951 5153 7031 7116 7926 8669 9348 9692 10220

32. Additional remarks (include plugging procedure):

This report is for a recompletion. The Morrow has been plugged back and the Upper Penn is now producing. Logs and directional survey were sent when the well was initially completed in January, 2001.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #15979 Verified by the BLM Well Information System.
For MARATHON OIL COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by Linda Askwig on 11/14/2002 ()

Name (please print) GINNY LARKE

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 11/14/2002

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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