Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: LC 064391-B

1a. Type of Well: [ ] Oil Well [X] Gas Well [ ] Dry Other

b. Type of Completion: [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff.Resvr,. Other

6. If Indian, Allotee or Tribe Name:

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

2. Name of Operator: Marathon Oil Company

8. Lease Name and Well No.: INDIAN HILLS UNIT GAS COM #38

3. Address: P.O. Box 552 Midland, TX 79702

3a. Phone No. (include area code): 800-351-1417

9. API Well No.: 30-015-32770

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

At surface: UL "J", 2333' FSL & 2020' FEL, Section 29, T-21-S, R-24-E

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

At top prod. interval reported below: 1148'FSL & 2603' FWL, Sec. 29, T-21-S, R-24-E

11. Sec., T., R., M., or Block and Survey or Area: SECTION 29, T-21-S, R-24-E

At total depth: 933' FSL & 2440' FWL

12. County or Parish: EDDY COUNTY

13. State: NM

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
5/15/2003	5/29/03	[ ] D & A [X] Ready to Prod. 6/24/2003	KB - 3792'; GL - 3775'

18. Total Depth: MD / TVD	19. Plug Back T.D.: MD / TVD	20. Depth Bridge Plug Set: MD / TVD
8425' / 8188'	8410' / 8173'	

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Halliburton TMDL-DSN-CSNG Computed Capture & Inelastic Poros.

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run [X] No [ ] Yes (Submit report
Directional Survey? [ ] No [X] Yes (Submit copy)

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.375"	9.625	36	0	1209'		1400 sx		surface	
8.75	7"	23 & 26	0	8425'		800 sx		surface	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8	8327	REP @ 8327						

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Upper Penn	7432	TD	7690'-8064'			open
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
7690'-8064'	24,500 gals. 17% CCA sour acid

ACCEPTED FOR RECORD
AUG 20 2003
ALEXIS C. SWOBODA
PETROLEUM ENGINEER

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
6/26/03	7/11/03	24		292	3556	1349			Sub Pump
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas: Oil Ratio**	**Well Status**	
	280	200						Producing	

28a. Production-Interval B

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

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

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	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	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status

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

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
Cisco	7432	7647	Dolomite w/thin strks porosity	San Andres	748
Canyon	7647	TD	Dolomite	Glorieta	2322
				Yeso	2450
				Bone Spring Lime	4773
				Tubb	6590
				Wolfcamp	6779
				Cisco	7432
				Canyon	7647

32. Additional remarks (include plugging procedure):

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)*

Name (please print) Ginny Larke Title Engineer Technician

Signature Ginny Larke Date 8/15/03

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.