

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

270 Please Serial No.
NM-06293 *A*

(SHL)

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other					6. If Indian, Allottee or Tribe Name				
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other <u>Drill to new bottom hole location</u>					7. Unit or CA Agreement Name and No. <u>Indian Hills Unit NM 909644</u>				
2. Name of Operator <u>Marathon Oil Company</u>					8. Lease Name and Well No. <u>Indian Hills Unit No. 45</u>				
3. Address <u>P.O. Box 3487 Houston, TX 77253-3487</u>			3a. Phone No. (include area code)		9. API Well No. <u>30-015-32338 01 S1</u>				
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <u>806'FNL & 1010'FEL UL, Sec 28, T-21-S, R-24-E NM-06293</u> At top prod. interval reported below <u>162'FSL & 1117'FEL, Sec 21, T-21-S, R-24-E</u> At total depth <u>800'FSL & 1112FEL, Sec 21,T21S,R24E</u>					10. Field and Pool, or Exploratory <u>Indian Basin U. Perm Assoc.</u>				
14. Date Spudded <u>07/24/2002</u>					15. Date T.D. Reached <u>09/07/2004</u>		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <u>09/22/2004</u>		
18. Total Depth: MD <u>8413</u> TVD <u>7697</u>		19. Plug Back T.D.: MD <u>N/A</u> TVD <u>N/A</u>		20. Depth Bridge Plug Set: MD <u>N/A</u> TVD <u>N/A</u>		17. Elevations (DF, RKB, RT, GL)* <u>GL 3654'</u>			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <u>No Logs ran on second lateral</u>					22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 Sk. & Type of Cement	Shurry Vol (BBL)	Cement Top*	Amount Pulled
12.25	9.625	36.0	0	1208		1225		8	
8.75	7.0	26.0	0	8237		1395		0	
4.75	n/a	n/a	7722	8413		open hole			RECEIVED
									JUN 03 2005
									ODD-ARTCOM
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"	7859'								
25. Producing Intervals					26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Upper Perm	7554	8413	7722-8413 Open Hole						
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
7722 - 8413	19,600 Gals HCL Acid								
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
09/23/04	09/30/04	24	→	75	28	798	40.7	.80	Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
N/A	250	180	→	75	28	798	373	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 page 2)

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.)

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 Perm	7554	8413	Dolomite, Limestone & Shale	San Andres	783
				Glorieta	2400
				Yeso	2556
				Base of Bone Springs	5187
				Tubb	6764
				Abo	6858
				Wolfcamp	6885
				Cisco	7550
				Canyon	7721

32. Additional remarks (include plugging procedure):

Logs for the original completion are on file with BLM and NMOC. Directional survey and wellbore diagram for the lateral are attached.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ 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) Charles E. KendrickTitle Engineering TechnicianSignature Charles E. KendrickDate 05/24/2005

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.