

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED  
OMB NO. 1004-0137  
Expires March 31, 2007

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. LC 064391 B							
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr., Other		6. If Indian, Allottee or Tribe Name							
2. Name of Operator Marathon Oil Company		7. Unit or CA Agreement Name and No. NM 70964							
3. Address P.O. Box 3487 Houston, TX 77253-3487		8. Lease Name and Well No. Indian Hills Unit # 30							
3a. Phone No. (include area code) 713-296-2096		9. API Well No. 30-015-31655 53							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface UL "L", 1494' FSL & 688' FWL At top prod. interval reported below UL "F" 1393' FNL & 1670' FWL @ 10406' MD At total depth UL "C", 1115' FNL & 1760' FWL @ 11443' MD		10. Field and Pool, or Exploratory Indian Basin Mississippi Wildc 11. Sec., T., R., M., or Block and Survey or Area Sec 20, T-21-S. R-24-E							
14. Date Spudded 04/07/2001		15. Date T.D. Reached 07/19/2001							
16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 3791' GL							
18. Total Depth: MD 11,443 TVD 11,017		19. Plug Back T.D.: MD 10,601 TVD 10,209							
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Well perforated from original logs on file w/ NMOCD							
22. Was well cored? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.50	13.375	54	0	1205		1875		0	
12.25	9.625	47	0	8191	6680	2130		0	
8.5	7.00	26	8026	10750		350			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2.875	10285'	10253'							
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Mississippian	10406	10540	10406-10540	.410	72	Open			
B)									
C)									
D)									
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
10406-10540		15,000 gals ZCA acid							
10406-10540		15,000 gals CCA sour 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
NA	No Test								Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
								Shut In	
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
									Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

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MAY 09 2006

CONFIDENTIAL

ACCEPTED FOR RECORD

Flowing

JAN 26 2006

ALEXIS C. SWOBODA  
PETROLEUM ENGINEER

## 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

## 32. Additional remarks (include plugging procedure):

Marathon attempted to flow this well for number of days, but it was unable to sustain flow. We are evaluating the well for possible further work to the Mississippian or to come up hole for a wolfcamp completion.

## 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)\*

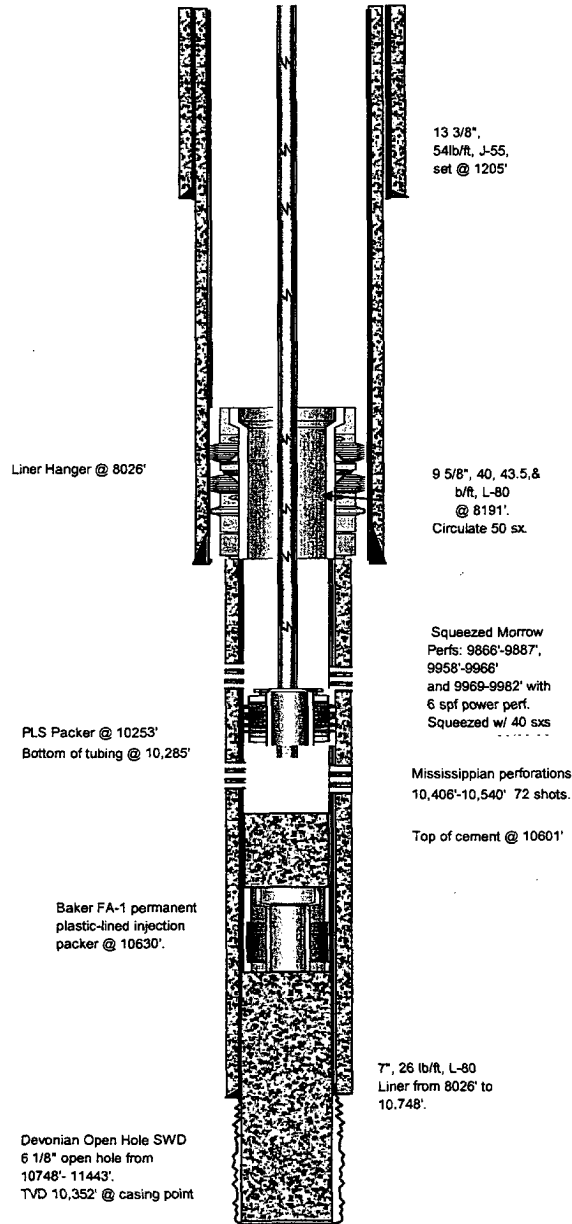
Name (please print) Charles E. KendrixTitle Engineering TechnicianSignature Charles E. KendrixDate 01/18/2006

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.

# Indian Hills Unit #30 Mississippian Completion



GL 3791', KB 3817', TD 11443'  
(Depths are Measured Depth)



Prepared By:	Charles Kendrix	Last Revision Date:	01/18/06
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