

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

N.M. Oil  
819 1st Street  
Artesia, NM 86210-2834FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

CIS 17

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		7. UNIT AGREEMENT NAME <b>Indian Hills Unit</b>	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input checked="" type="checkbox"/> Other <u>CORRECTION</u>		8. FARM OR LEASE NAME, WELL NO. <b>Indian Hills Unit 6</b>	
2. NAME OF OPERATOR <b>Marathon Oil Company</b>		9. API WELL NO. <b>30-015-25827</b>	
3. ADDRESS AND TELEPHONE NO. <b>P.O. Box 552, Midland, TX 79702</b>		10. FIELD AND POOL, OR WILDCAT <b>Indian Basin Atoka (Gas)</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface <b>UL "N", 560' FSL &amp; 1550' FWL</b> At top prod. interval reported below <b>UL "N", 1722' FSL &amp; 1797' FWL</b> At total depth <b>UL "N", 1804' FSL &amp; 1930' FWL</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec 20, T-21-S, R-24-E</b>	
14. PERMIT NO. <b>97139</b>		12. COUNTY OR PARISH <b>Eddy Co., NM</b>	
15. DATE SPUDDED		16. DATE T.D. REACHED <b>2/26/99</b>	
17. DATE COMPL. (Ready-to-prod.) <b>2/26/99</b>		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <b>GL:3753 KB:3769</b>	
20. TOTAL DEPTH, MD & TVD <b>9820' MD</b>		21. PLUG, BACK T.D., MD & TVD <b>9565' MD</b>	
22. IF MULTIPLE COMPL., HOW MANY* <b>NO</b>		23. INTERVALS DRILLED BY <b>ROTARY TOOLS</b>	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* <b>MD 9290'-9300' ATOKA</b>		25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN		27. WAS WELL CORED	

28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
See		Original	Completion	Report	

29. LINER RECORD					30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2 7/8"	9155'
						9122'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
9290'-9300' 6 SPF		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		9290'-9300'	NO STIMULATION

33.*		PRODUCTION				WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION <b>3/14/99</b>		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) <b>FLOWING</b>				<b>Producing</b>	
DATE OF TEST <b>3/14/99</b>	HOURS TESTED <b>24</b>	CHOKE SIZE <b>34/64</b>	PROD'N. FOR TEST PERIOD <b>0</b>	OIL - BBL. <b>0</b>	GAS - MCF. <b>154</b>	WATER - BBL. <b>154</b>	GAS - OIL RATIO <b>154</b>
FLOW. TUBING PRESS. <b>140</b>	CASING PRESSURE <b>0</b>	CALCULATED 24-HOUR RATE <b>0</b>	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <b>SOLD</b>				TEST WITNESSED BY <b>JUN 7 2001</b>			
35. LIST OF ATTACHMENTS				GARY GOURLEY PETROLEUM ENGINEER			

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Gunny Larke TITLE Engineer TechnicianDATE 6/1/01

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

37. SUMMARY OF POROUS ZONES: (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 pressure and recoveries):

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH

REC  
JUN 2 1964  
10:00

UNIT STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires 10/10/2000

N.M. Oil & Gas Division  
811 S. 1st Street  
Artesia, NM 88210-2834

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
**Marathon Oil Company**

3a. Address  
**P.O. Box 552, Midland, TX 79702**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**UL "N", 560' FSL & 1550' FWL  
Section 20, T-21-S, R-24-E**

RECEIVED  
JUN 01 2001  
JCD ARTESIA

3b. Phone No. (include area code)  
**915-682-1626**

7. If Unit or CA/Agreement, Name and/or No  
**Indian Hills Unit**

8. Well Name and No.  
**Indian Hills Unit #6**

9. API Well No.  
**30-015-25827**

10. Field and Pool, or Exploratory Area  
**Indian Basin Atoka (Gas)**

11. County or Parish, State  
**Eddy NM**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

<input checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>PERF ATOKA</b>
<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>AND PUT WELL BACK</b>
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<b>ON PRODUCTION</b>

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

**CORRECTION!! RESERVOIR NAME CHANGE ONLY.**

Work commenced 2/10/99. MIRU PU. NU BOP & Torus. POOH w/ 2-7/8" tbg. RIH w/4-3/4" bit on 5-1/2" casing scraper. RIH to 9102' & washed to 9135'. PU swivel & drilled to 9142'. POOH w/bit & scraper. RIH w/4-1/2" OD magnet to retrieve lost bit cones. Tagged @ 9145' & washed to solid bottom @ 9157'. POOH w/magnet & 1 cone. RIH w/ magnet, tagged @ 9157', washed to 9190' & POOH recovering 2nd cone. RIH w/bit & DCs on 2-7/8" tbg. Tagged @ 9190' & washed to 9575' w/no returns. Drilled from 9240' to 9428'. Circ. & POOH L/D DCs. RIH w/perf gun, RU wireline & ran GR/CCL. Spaced out guns & perfed 9290' to 9300' w/6 spf for a total of 60 holes. RIH w/prod. tbg & PLS packer. Couldn't get below 9107'. PUH to 9055'. Set packer. ND BOP & NU tree. RU swab unit & swabbed well. RD PU & turned well to production 2/26/99.

ACCEPTED FOR RECORD

JUN 7 2001

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Ginny Larke**

Title

**Engineering Technician**

Date **6/1/01**

**GARY GOURLEY**  
PETROLEUM ENGINEER

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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