

NMOCD

Form 3160-5  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000**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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC064391B
2. Name of Operator MARATHON OIL COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address P O BOX 3487 HOUSTON, TX 77253-3487		7. If Unit or CA/Agreement, Name and/or No. NMNM70964X
3b. Phone No. (include area code) Ph: 713.296.2096 Fx: 713.499.6750		8. Well Name and No. INDIAN HILLS UNIT 46
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T21S R24E NWNW Lot D 710FNL 794FWL		9. API Well No. 30-015-33008-00-X1
		10. Field and Pool, or Exploratory INDIAN BASIN UPPER PENN ASSOC
		11. County or Parish, and State EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Start-up
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 site is ready for final inspection.)

See prior Sundry dated 02/03/2004 for drilling and production casing details.

Please see Word Doc attachment for production start up details.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #27528 verified by the BLM Well Information System For MARATHON OIL COMPANY, sent to the Carlsbad Committed to AFMSS for processing by LINDA ASKWIG on 02/09/2004 (04LA0148SE)</b>	
Name (Printed/Typed) CHARLES KENDRIX	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 02/09/2004

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <b>ACCEPTED</b>	ALEXIS C SWOBODA Title PETROLEUM ENGINEER <i>acs</i>	Date 02/10/2004
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 Carlsbad

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

11/05/2003 Installed BOP for workover rig. Closed pipe rams and tested casing to 1500#. RIH w/ 6 1/8" bit on 2 7/8" tubing to DV tool @ 6236'. Drilled out DV Tool cont. in hole tagged PBSD @ 8076'.(257 jts) Circ hole.

11/06/2003 POOH w/ tubing ran Cement bond log from bottom up. Found top of cement at appx. 7630'.

11/07/2003 Perforated casing in 17 intervals top to bottom as follows:

<u>INTERVAL</u>	<u>FEET</u>	<u>Shots</u>
7326' - 7332'	6	24
7352' - 7380'	28	112
7388' - 7396'	8	32
7401' - 7446'	45	180
7466' - 7478'	12	48
7492' - 7510'	18	72
7518' - 7536'	18	72
7542' - 7552'	10	40
7564' - 7568'	4	40
7572' - 7577'	5	20
7586' - 7592'	6	24
7609' - 7613'	4	40
7616' - 7622'	6	24
7646' - 7652'	6	24
7656' - 7668'	12	48
7680' - 7702'	22	88
<u>7712' - 7719'</u>	<u>7</u>	<u>28</u>
<b>TOTALS:</b>	<b>217'</b>	<b>868</b>

11/10/2003 & 11/11/2003 RIH w/ PPI packers acidized perfs using 124 2' settings from with 100 gal per ft of 17% CCA acid. Total acid 24,000 gals.

11/12/2003 RIH w/ FC 1800 ESP on 250 joints N-80 2 7/8" tubing. Bottom of tubing pump assembly @ 7945'.

11/13/2003 Start well to production