

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCD

FORM 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.*

RECEIVED

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

MAR 08 2005

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		7. If Unit or CA/Agreement, Name and/or No. NMNM71145
3b. Phone No. (include area code) Ph: 713-296-2096 Fx: 713-499-6750		8. Well Name and No. INDIAN HILLS UNIT 27
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T21S R24E NENW 503FNL 2310FWL		9. API Well No. 30-015-31406-00-S1
		10. Field and Pool, or Exploratory INDIAN BASIN UPPER PENN ASS
		11. County or Parish, and State EDDY COUNTY, NM

## 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	Workover Operatic
	<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.)

Marathon Oil Company has completed operations to add perforations and acidize the Indian Hills Unit Gas Com No. 27. Please see attached Word document for details of well work performed.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #54532 verified by the BLM Well Information System For MARATHON OIL COMPANY, sent to the Carlsbad Committed to AFMSS for processing by LINDA ASKWIG on 02/28/2005 (05LA0455SE)</b>	
Name (Printed/Typed) CHARLES E KENDRIX	Title ENGINEERING TECHNICIAN
Signature (Electronic Submission)	Date 02/25/2005

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <b>ACCEPTED</b>	ALEXIS C SWOBODA Title PETROLEUM ENGINEER <i>sw</i>	Date 03/01/2005
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 \*\***

**Indian Hills Unit Gas Com No.27**

**Unit C. Section 29, T-21-S, R-24-E**  
**Eddy County, New Mexico**

**10/11/2004** RUPU

**10/12/2004** NU BOPS, ND WH. NU 11" BOPS w/ torus annular. RU spoolers. POH w/ 49 stds of 2 7/8" tbg to clamps- RU to remove clamps. COH w/ remaining tbg to sub pump. RIH w/ overshot on 80 stands. Pumped 1680 bbls of brine and 3040 bbls of fresh water.

**10/13/2004** CIH w/29 jts of 2 7/8" tbg to RBP. Latch on to plug and tallied pipe out of hole. Install frac valve. Pumped 477 bbls of cut brine.

**10/14/2004** RU 7" full lubricator with grease head. RIH/w gamma tool to correlate. RIH w/ first 4 1/2" TAG gun loaded w/ 39g predator charges @ 5JSPF in 60 deg phasing. Perforate from 7814'-7794', 7794'-7774' and 7774'-7754'. WO gauge ring. RU 9.590" gauge ring on junk basket. RIH to 7390'. POH- LD guage ring. Will run a bit and scraper prior to PPI.

**10/15/2004** PU used 8 1/2" bit, 9 5/8" casing scraper. RIH to PBTD. POH-LD bit and scraper. PU 9 5/8" PPI packers. RIH to 8355'. POH w/90 stands of tbg. Closed and locked pipe rams.

**10/16/2004** TOH w/ bit and scraper. PU 9 5/8" PPI packers. RIH to 7714'. Measure down to 7814'. PUH stimulating perfs from 7814' to 7794' @ 3' spacings pumping 125 gallons of 15% CCA sour acid per foot in 7 settings. Flushed tubing clean. TUH 7520'.

**10/17/2004** NU stripper head due to high volume of gas. TIH w/ PPI packer to setting # 8 @ 7793'. TUH acidizing remaining new perfs w/ PPI @ 3' settings pumping 125 gpf of 15% CCA sour acid. Total of 43 settings using 15,300 gallons of acid. ND 7 1/16" stripper head. RU lubricator. Fish retrievable valves. RD lubricator and sandline. POH w/ 120 jts of 2 7/8" tbg to 9 5/8" PPI packers. PU FC 1800 pump package and assembled. RIH on 2 stands of tbg. Closed and locked pipe rams.

**10/18/2004** Pick pump up to surface and installed motor lead. RIH on 263 jts of 2 7/8" tbg. Ran used SS cap strings. Long string terminated at 7974' - 7 jts above SN and short string ran 7688' -16 jts above SN. SN @ 8199' and Bottom Pump @ 8308' Land hanger in well w/ BHA landed at 8322.01. RD spoolers. ND BOPS. NU wellhead. Charged CT line with chemical. Opened well to flowline. RDPU.