

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

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.

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

3b. Phone No. (include area code)

800-352-1417

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SHL: UL "A", 806 FNL & 1010 FEL, SECTION 28, T-21-S, R-24-E

BHL: UL "P", 305 FSL & 1136 FEL, SECTION 21, T-21-S, R-24-E

5. Lease Serial No.

NM07260

6. If Indian, Allottee or Tribe Name

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

INDIAN HILLS UNIT

70964A

8. Well Name and No.

INDIAN HILLS UNIT NO. 45

9. API Well No.

30-015-32338

10. Field and Pool, or Exploratory Area

INDIAN BASIN UPPER PENN
ASSOCIATED GAS POOL

11. County or Parish, State

EDDY COUNTY 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

☒ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off
☐ Alter Casing ☒ Fracture Treat ☐ Reclamation ☐ Well Integrity
☐ Casing Repair ☐ New Construction ☐ Recomplete ☐ Other
☐ Change Plans ☐ Plug and Abandon ☐ Temporarily Abandon
☐ Convert to Injection ☐ Plug Back ☐ 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 final site is ready for final inspection.)

Work began August 4, 2003 to acid frac this well. MIRU PU, tanks & reverse unit. ND wellhead & NU BOPs. POOH w/pump & tbq. RIH w/7" RBP to 8021'. Hot water & chemical treated tbq for paraffin. Ran BHP bombs @ 8011'. Pumped 500 gals 17% CCA acid w/55 gals parasperse. Pumped 15000 gals fresh water spacer. Pumped 29500 gals 17% CCA acid. Flushed w/20000 gals of fresh water. All fluids were heated to 180 degrees F. Pump rates and pressure were very inconsistent. Max rate of 47.0 BPM @ 2550 psig. Pick up and assemble RA 7 pump package & RIH on 257 jts 2-7/8" tbq. PU hanger & make final splice. ND BOPs, NU wellhead & RD PU. Turned well over to production department on 8/9/03.

ACCEPTED FOR RECORD

SEP 22 2003

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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

Ginny Larke

Title

Engineer Technician

Date 9/12/03

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

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, 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.