

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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  
OGD - ARTESIA

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)

800-351-1417

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

Surface: UL "B", 1093' FNL & 1367' FEL

Bottom Hole: UL "H", 700' FNL & 1450' FWL,

Section 20, T-21-S, R-24-E

5. Lease Serial No.

LC-0643981-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or N  
Indian Hills Unit

NM 70964

8. Well Name and No.

Indian Hills Unit #25

9. API Well No.

30-015-31194

10. Field and Pool, or Exploratory Area  
Indian Basin Morrow 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

☒ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☒ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☒ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other INITIAL

COMPLETION

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 recompleate 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 recompleation 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.)

1/11/01 MIRU PU. NU BOP & RIH w/bit & DCs on 3-1/2" tbg to 8726'. Dressed off liner to 8731', circulated & POOH. RIH w/ 6-1/8" bit & drilled cement from 8731'-8337'. RI & tagged PBTD @ 10,341', circulated & POOH L/D DCs. RIH w/RTTS, RIH w/sandline, set RTTS @ 8500'. RU swab & swab tbg dry. POOH w/RTTS, PU TCP guns & PLS packer & RIH to 9978'. Ran GR/CLL, spaced out tbg, set packer @ 9995', ND BOP & NU wellhead. 3-1/2" production tbg (bottom) @ 10133', 7" perma-latch packer set @ 9894' (top). Dropped bar & perfed Morrow 9964'-9970', 9978'-9988', 9992'-10008', 10047'-10051', 10060'-10078', 10084'-10090', 10108'-10116', 10124'-10132' w/6 jspf. Opened well to flare-430 mcf w/150 psi ftp. After 6 hrs flowing-600 mcf w/170 psi ftp, 30/64 choke. Shut in 2 hrs, RU wireline, RIH w/release tool to 9943' & dropped guns. RD wireline, opened well to test unit. Flowed 1169 mcf w/400 psi ftp on a 22/64" choke. SI prior to fracture stimulation. Fracture treated Morrow 9964'-10132' w/56,254 gals. Titanate x-linked gel w/50% CO2, carrying 77,121 lbs. of 20/40 sand. Avg treating pressure-5789 psi, Max-8977 psi, Avg inj rate-23.7 bpm, Max 35.5 bpm, Max proppant concentration 8.8 PPA. RU flowlines & test well. Shut well in and turned it over to production 1/19/01. Well began actual production 1/25/01.

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

Ginny Larke

Title

Engineer Technician

Date 2/14/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Office

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.

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.