

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

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 3487 Houston, TX 77253-3487

3b. Phone No. (include area code)

713-296-2096

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

SHL UL "M", Sec 11, T-21-S, R-23-E, 760' FSL & 990' FWL

BHL UL "N", Sec 11, T-21-S, R-23-E, 725' FSL & 1424' FWL

RECEIVED

APR 21 2005

BIBB-ART-TEAM

5. Lease Serial No.

NM-0551 05551

6. If Indian, Allottee or Tribe Name

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

NM-70998-XB

8. Well Name and No.

North Indian Basin

Unit No. 22

9. API Well No.

30-015-28583

10. Field and Pool, or Exploratory Area

South Dagger Draw Upper Penn

11. County or Parish, State

Bibb

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 type="checkbox"/> Acidize | <input checked="" type="checkbox"/> Deepen | <input 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 type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <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 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.)

Marathon Oil has finished drilling operations to deepen the North Indian Basin Unit No. 22 to the Morrow formation, and set a 4 1/2" production liner. The well was directional drilled with a 6 /18" bit from 8050' to 9750' MD , 9601' TVD. Please see attachment for daily details of well work performed. Reports to follow on completion procedures and completion report.

ACCEPTED FOR RECORD

APR 19 2005

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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

Charles E. Kendrix

Title

Engineering Technician

Date

04/07/2005

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.

**North Indian Basin Unit No. 22
Deepen to Morrow
Drilling Operations / Set Liner**

- 04/29/2004** Trip in to Plug back TD @ 7964'. Drill cement 7964 to 8049'. Drill out float shoe @ 8050. Drill open hole 8050' to 8070' with 6 1/8" bit. POOH to run directional tools.
- 04/30/2004** Directional drilled and surveyed from 8070' to 8221'.
- 05/01/2004** Directional drilled and surveyed from 8221' to 8768'.
- 05/02/2004** Directional drilled and surveyed from 8768' to 8980'. Trip for motor and MWD. Directional drilled and surveyed from 8980' to 9047'.
- 05/03/2004** Directional drilled and surveyed from 9047' to 9580'.
- 05/04/2004** Directional drilled and surveyed from 9580' to TD @ 9750'. Circulated hole clean, and made short trip. Circulate and tripped out of hole. Ran Triple Combo log stuck tool on bottom @ 9747'. Pulled free after working for 30 minutes.
- 05/05/2004** Ran 60 joints 4 1/2" 11.6 # L80 LTC liner to 9750'. (Float shoe @ 9750', Float collar @ 9707', Top of liner @ 6989') Circulated hole clean. Rigged up Haliburton. Set Baker liner hanger. Cement w/ 200 sks Modified Super H + 0.5% Halad344 + 0.4% CFR3 + 1 # sk Salt + 0.2 % HR7 mixed at 13.0 ppg with 1.66 yield. Dropped wiper dart and Displaced cement. Bumped plug w/ 2000 psi. Set Packer pulled up and reversed out 20 sks cement. Layed down drill pipe.
- 05/06/2004** Nipped up BOP, rigged down, and released rig.