

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
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)
800-351-1717

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

660' FSL & 1980' FWL
SEC. 18, T-20-S, R-29-E

FORM APPROVED
Budget Bureau No. 1004-0135
Expires November 30 2000

5. Lease Serial No.

NM-01165

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

YATES FEDERAL 18

9. API Well No.

30-015-30828

10. Field and Pool, or Exploratory Area

BURTON FLATS MORROW

73280

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 ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off
☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity
☐ Casing Repair ☐ New Construction ☐ Recomplete ☒ Other SPUD & DRILG
☐ Change Plans ☐ Plug and Abandon ☐ Temporarily Abandon OPERATIONS
☐ 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 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.)

11/13/99 - MIRU TMBR/Sharp # 23. Spud 26" hole @ 2230 hrs. Drilled to 375'. Ran 9 jts, 20", 94#, J-55, BTC casing to 375'. Cemented w/ 850 sx, Premium Plus w/ 2% cacl, .25 pps flocele. Did not circulate cement. WOC 6 hrs, Ran 1" to 58", cemented w/ 150 sx Premium Plus, circulated 25 sx to pit. Total WOC 18 hrs.
P.U. 17. 5" bit and drilled stab-in shoe and formation to 1245'. Ran 4 jts, 13.375", 54.5#, J-55 and 24 jts, 48#, H-40 casing to 1245'. Float Collar @ 1198'. Cemented w/ 1100 sx Interfil Prem Plus followed by 250 sx Premium Plus w/ .25 pps flocele, 2% cacl. Circulated 431 sx to pit. N.U. 13-5/8" annular and mud cross. Total WOC 12.25 hrs. Tested annular against casing to 1000 psi

Drilled 12.25" hole to 3229'. Ran 72 jts. 9.625", 36#, K-55, LTC casing to 3229'. Cemented casing w/ 1000 sx HOWCO lite, w/ 3% P.P., 3% CFR-3, 2% econolite, 6 pps nacl, Tailed in w/ 250 sx, P.P. w/ 2% econolite, Circulated 452 sx. Set slips w/ 80K, cut 9.625". N.U. 13-5/8" 3M X 11" 5M B section. Tested to 1000 psi. N.U. 11 5m dual ram BOPE and annular w/ rotating head. Tested BOPE and lines to 300/3000 psi. / TIH W/ 8.75" bit and tested casing and blind rams to 1000 psi. Total WOC - 19.5 hrs. Drilled plug and float and resumed drilling formation to 11,800'. TD well @ 1815 hrs, 12/6/99.

Logged well w/ Platform Express 11,800' to surface. Set 103 sx Class "H" @ 11,800'. Dressed off cement to 11,532'. Ran DST # 1, 11,550' - 11,237'. Opened tool w/ instant blow, built to 35 psi in 15 min. SI 60 min, GTS in 11 min. Opened tool, Built to 70 psi in 19 min., had flow for 15 min and pkr seat failed. Recovered 188' GCM, Sample chamber 2500 cc mud Rm .272 @ 60, 50 psi. Temp 173 deg. 1H - 5823, 1F - 847 - 521, ISI - 4636. FF 838 - 631.

Consulted W/ BLM for plugging recommendations. Plugged well as follows: # 1 - 75 sx class "H" 10,800' - 10,600'. # 2 - 56 sx Class "H" 9450' - 9350'. # 3 - 56 sx Class "H" - 7960' - 7810'. # 4 - 56 sx - Class "H" 5950' - 5800'. # 5 - 56 sx Class "C" 3274' - 3174'. WOC 4 hrs, tagged plug @ 3254'. Spotted 50 sx Class "C" @ 3254', WOC 3 hrs, Tagged plug @ 3099'. Set plug # 6 - 38 sx, Class "C" @ 1298'. Plug # 7 - 38 sx Class "C" @ 425'. Plug # 8 - 20 sx Class "C" 50' - surface. Nipped down BOPE released rig @ 12/12/99. Cut casing 3' below GL and installed dry hole marker.

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

R. J. LONGMIRE

Title

DRILLING SUPERINTENDENT

Date

12/16/99

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

(ORIG. SGD) DAVID R. GLASS

Title 18 U.S.C. Section 1001, 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.

(Instructions on reverse)