

Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 19 1991

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

O. C. D.  
ARTESIA OFFICE

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.  
NM-01165

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Yates Federal #17

9. API Well No.

30-015-26747

10. Field and Pool, or Exploratory Area

Burton Flat (Delaware

11. County or Parish, State

Eddy, NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Marathon Oil Company

3. Address and Telephone No

P.O. Box 552, Midland, TX 79702

915/682-1626

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

2310' FSL & 660' FWL

Sec. 17, T-20-S, R-29-E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Well Completion & Testing

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

@ 1550 psig. Estab rate of 2 BPM @ 800 psig. ISIP = 480 psig. Opened by on pkr & circ acid to bottom. Closed bypass trapping 600 psig on annulus. Acidized w/ 1000 gals 7 1/2% NEFE HCl acid using 40 1.3 SG RCN ball sealers for divert. Put 2 BA then 2 BS/BA throughout treatment. Flushed to btm perf w/14 bbls 2% KCL. At treating press 770 psig @ avg rate of 2.2 BPM. Max press = 800 psig, Max rate 3 BPM. Saw no significant ball action. ISIP = 580 psig, P5 = 550 psig, P10 = 500 psig, P15 = 450 psig. Rel pkr & RIH to 3400' to clear perfs. PUH to 3257' & reset pkr in 15,000# tension. RU swab & RIH. 1st FL = 200' FS. Made 2 SR f/SN & swabbed well dry. Made 1 SR/hr f/next 2 hrs w/200' fluid entry/hr. Made a total of 5 SR 2 hrs & recov'd 13 BW. SI & secured well. SDFN.

6-17-91 - SITP = 0 psig. SICP = 0 psig. RIHw/swab. 1st FL = 1900' FS. Swabbed well dry in 2 runs f/SN @ 3257' KB. Sample on 1st run +20% oil cut, thereafter 10%. Made 1 SR after 1 hr w/200' fluid entry. Made a total of 5 SR in 5 hrs & recov'd 4 BW, tr on oil. Rel Baker full bore pkr & POOH w/106 jts 2 3/8" 4 J-55 tbgs, SN,

(con't)

14. I hereby certify that the foregoing is true and correct

Signed

(This space for Federal or State office use)

Title

Production Superintendent

Date 8/5/91

Approved by

Conditions of approval, if any:

Title

Date

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 statement or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side