

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.**

5. Lease Serial No.
NMNM01165

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
YATES FEDERAL 6

9. API Well No.
30-015-26191-00-S1

10. Field and Pool, or Exploratory
WILDCAT

11. County or Parish, and State
EDDY COUNTY, NM

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
MARATHON OIL COMPANY

Contact: CHARLES E KENDRIX
E-Mail: CEKENDRIX@MARATHONOIL.COM

3a. Address
P O BOX 3487
HOUSTON, TX 77253

3b. Phone No. (include area code)
Ph: 713-296-2096
Fx: 713-499-6750

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 18 T20S R29E NESE 1980FSL 660FEL

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input checked="" type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<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 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 site is ready for final inspection.)

Marathon Oil has completed work to fracture treat the Yates Federal No. 6 in an undesignated Burton Flat Yates pool. Work on this well has not been successful. See below for details of fracture treatment and related work.

07/27/2004 MIRU pulling unit. Blow down well. Initial shut in pressure 270#. Install well head and BOP. SI

07/28/2004 RIH w/ casing scraper and bit, tag PBDT @ 1242'. Tripped in hole w/ CIBP. Set CIBP @ 1240'. POOH. RIH w/ packer on work string. Set packer @ 1218' and tested CIBP to 1500 psi. Held pressure. POOH w/ 2 7/8" workstring. Change out BOP rams to 3 1/2". SI

07/29/2004 RIH hydrotesting 3 1/2" tubing to 8000 psi. Trip pipe and run in hole w/ Neutral set packer, on/off tool w/ 2.313" X Nipple, 2 7/8" X 5' blast joint tubing sub, change over and 28 fts 3 1/2" tubing. Set packer @ 896' and test annulus to 1100 psi. Held pressure. Install tubing

Accepted for record - NMOC

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

Electronic Submission #52631 verified by the BLM Well Information System
For MARATHON OIL COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by LINDA ASKWIG on 01/05/2005 (05LA0224SE)

Name (Printed/Typed) CHARLES E KENDRIX

Title ENGINEERING TECHNICIAN

Signature (Electronic Submission)

Date 01/05/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

LES BABYAK
Title PETROLEUM ENGINEER

Date 01/05/20

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 Carlsbad

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

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #52631 that would not fit on the form

32. Additional remarks, continued

valve. Shut in for long week end.

08/03/2004 RU Halliburton frac equipment. Sand frac f/ 1037' to 1158' w/ 226 bbls 65% foam Gel @ 24 BPM @ 2601 psi. Rig down Halliburton. Rigged up metering and testing flow back manifold. SI tubing press. @ 620 psi. Made 35 bbls in first hour.

08/04/2004 Flowed back 56 bbls in next five hours. Well flowed back a total of 136 bbls before it died. No oil and no gas. SI

08/05/2004 Opened well with initial SI tubing pressure 650 psi. Flowed 5 bbls frac fluid in first hour. Well died. Total recovery 141 bbls frac load. SI

08/06/2004 Shut in tubing pressure 580 psi. RU wireline RIH w/ gradient gauges. Opened well 36/64 choke, well flowing CO2 gas, no fluid with tubing pressure @ 0 psi. Well died. Wireline bottom hole gradient= 631 psi SI, =158 psi flowing. Solid fluid to 1027' and gas cut gradient f/ 1027' to 300'. SI

Well never produced gas or oil, and it was later TA'd with CIBP isolating perfs.
Please see follow up sundry for details of TA procedures.

Accepted for record - NMOCB