

NMOCD

Form 3160-4
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMNM01165		
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other <u>Re-entry</u>			6. If Indian, Allottee or Tribe Name		
2. Name of Operator MARATHON OIL COMPANY			Contact: CHARLES E KENDRIX E-Mail: CEKENDRIX@MARATHONOIL.COM		
3. Address P O BOX 3487 HOUSTON, TX 77253			3a. Phone No. (include area code) Ph: 713-296-2096		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESE 1980FSL 660FEL Sec 18 T20S R29E Mer NMP At top prod interval reported below NESE 1980FSL 660FEL Sec 18 T20S R23E Mer NMP At total depth NESE 1980FSL 660FEL			8. Lease Name and Well No. YATES FEDERAL 6		
14. Date Spudded 10/10/1989			15. Date T.D. Reached 04/22/2004		
16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 04/27/2004			9. API Well No. 30-015-26191-00-X2		
18. Total Depth: MD 3700 TVD 3700			19. Plug Back T.D.: MD 1240 TVD 1240		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory WILDCAT		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) OLDLOGSWEREUSED			11. Sec., T., R., M., or Block and Survey or Area Sec 18 T20S R29E Mer NMP		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)			12. County or Parish EDDY		
23. Casing and Liner Record (Report all strings set in well)			13. State NM		
24. Tubing Record			17. Elevations (DF, KB, RT, GL)* 3264 GL		

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
11.000	9.625	36.0	0	1210		400			
8.750	7.000	23.0	0	3107		600			

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
3.500	892	896						

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)			1037 TO 1057	0.410	80	
B)			1140 TO 1158	0.410	72	
C)						
D)						

Depth Interval	Amount and Type of Material
1037 TO 1158	ACIDIZE W/ 2000 GAS 15% HCL
1037 TO 1158	FRACTURED W/ 226 BBLs 65% FOAMED GEL

28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #52648 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECEIVED

JAN 10 2005

ACCEPTED FOR RECORD

JAN 6 2005

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)

UNKNOWN

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth

32. Additional remarks (include plugging procedure):

Well was prepared for Temporary Abandonment 09/07/2004 to 09/08/2004. See follow up sundry for details.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #52648 Verified by the BLM Well Information System.

For MARATHON OIL COMPANY, sent to the Carlsbad

Committed to AFMSS for processing by ARMANDO LOPEZ on 01/05/2005 (05AL0079SE)

Name(please print) CHARLES E KENDRIX

Title ENGINEERING TECHNICIAN

Signature (Electronic Submission)

Date 01/05/2005

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****