

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.

JUL 23 2007  
OCD-ARTESIA

FORM APPROVED  
OMB NO. 1004-0137  
Expires March 31, 2007

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)

UL"K", 2030' FSL & 1650' FWL Sec 1, T-21-S, R-23-E

5. Lease Serial No.

NM - 04827 B

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

MOC Federal No. 8

9. API Well No.

30-015-28823

10. Field and Pool, or Exploratory Area

East Indian Basin Morrow  
(96561)

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

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other Isolate UP &

Put Morrow on Pump

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 final site is ready for final inspection.)

Marathon Oil Company worked on isolating the Upper Penn and Morrow in the MOC Federal No 8 from 12/06/2006 to 06/30/2007. Please see attached details of well work that was completed to date.

A follow up notice of intent sundry is also included with this filing with Marathon's proposal for a further work which is needed to bring this well back on production.

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

Charles E. Kendrix

Title

Regulatory Compliance Representative

Date 07/16/2007

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 Accepted for record - NMOCB

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.

**MOC Federal No 8**  
**Isolate Upper Penn w/ Casing Liner**  
**Put Morrow Back on Production w/ rod pump**

12/06/06 RU Baker Atlas and Scientific Drilling. RU lubricator. TP=10 psi. RIH w/ gyro tool and determined deviation of well. Tagged fill @ 9440' ( approx 125' fill) POOH RD lubricator. Determined that well could be produced through rod pump.

12/29/06 MIRU PU. Installed BOP. SI well.

01/02/07 Attempted to release pkr. Attempted to release f/ on/off tool. Pkr & on/off tool were stuck. Ordered pipe recovery unit. SI well.

01/03/07 RU Baker Atlas – run free point. Tbg stuck @ pkr. TOH w/ wireline. RIH w/ chemical cutter. Cut tbg @ 9079'. RD Baker atlas. POOH w/ tbg, layed down cut joint. RIH w/ 4 1/2" OS w/ 2.9" grapple, 6 -- 4 3/4" Drill collars, x-cellerator sub, jars, XO – on 2 7/8" N-80 tbg. Engaged fish. Jarred 2 times w/ 15000 #; packer free w/ 7 pts drag. SI Well.

01/04/07 Jarred packer uphole 645'. Jarred for 3 hrs. POOH found lugs on on/off tool had sheared. Ordered mill shoe. RIH w/ kill string. SI well.

01/05/07 POOH w/ killstring. PU 5 3/4" shoe w/ cut rite lip, 1 jt wash pipe, 6 DC's, RIH t/ fish. RU swivel. Milled on pkr 3 to 4 hrs. Made 10". Pkr spinning w/ mill. POOH laid down mill shoe. PU short catch. RIH on jars & DC's w/ 20 stands for killstring. SI well.

01/08/07 Cont w/ short catch. Latched on to fish. Jarred for 6 1/2 hrs. Freed pkr. POOH and laid down packer. RIH w/ killstring. SI Well.

01/09/07 RIH w/ tapered mill & string mill in tandem to 9425'. Solid tag at 9425'. RU power swivel and attempted to move below possible bridge. Unable to move lower. POOH laid down mills. PU new 6 1/8" rotary bit, 7" csg scraper, DC's, RIH to 9425. PUH one jt. SI Well.

01/10/07 POOH w/ drill bit and Csg Scraper. RIH w/ bailer. SI well.

01/11/07 Bail fill in two trips w/ 9434' to 9565'. RIH w/ tbg string. SI well.

01/12/07 RU pipe scanning tools. Scanned all tbg. No bad tbg. RD scanners. PU PLS pkr w/ on/off tool & 3300 psi Pump out plug. RIH t/ 8020'. Set pkr. Release tbg f/ on/off tool. POOH w/ tbg. Leaving 20 stand killstring. SI well.

01/15/07 Shut down due to weather.

01/16/07 Wait on weather. SI well.

01/17/07 POOH w/ killstring. RIH w/ 5 1/2" csb and setting tools. Unable to se tool after many attempts. SI well.

01/18/07 Made several attempts to set tool. No success. POOH w/ tools and csg. Tools full of scale. RIH w/ killstring. SI well.

01/19/07 Shut down due to weather.

01/22/07 Shut down due to weather.

01/23/07 Shut down due to weather.

01/24/07 POOH w/ killstring. PU lower liner packer, 7 jts 5 1/2" csg, RU upper liner pkr and setting tool. RIH on 2 7/8" tbg to 7909' to 7585'. Made several attempts to set liner. Moved up and down hole 1 jt, and 1 stand. Unable to set liner. POOH leaving 71 stands in hole. SI well RU Halliburton acid truck slowly pumped 2000 gal NEFE acid down csg. SI well

01/25/07 POOH w/ killstring. RIH w/ PU tandem csg scrapers. RIHH PU lower liner pkr & 7 jts 5 1/2" LTC. PU upper pkr and setting tool. RIH on 2 7/8" tbg. Made several attempts to set tool. Moved up and down hole one joint and one stand. Unable to set liner. POOH w/ 50 stands 2 7/8" tbg. SI well.

01/26/07 POOH w/ remaining tbg, and setting tool. LD top pkr, 7 jts 5 1/2" csg, and bottom pkr. RIH w/ killstring. SI well.

01/27/07 POOH w/ killstring. PU overshot RIH to PLS packer. RU pump. Wash over w/ 15 bbls 7% KCL water to push debris off of tool. Jayed on to tool & Jayed off. OK. POOH w/ 50 stands tbg. SI well.

01/29/07 POOH w/ tbg. Run casing patch again. No success at setting tool again. LD tools & csg. RIH w/ killstring. Tools were full of iron sulfide.

01/30/07 PU PLS overshot & XO RIH on tbg. Laid down 2 jts tbg. Land tbg w/ wellhead flange. RDPU.

06/01/07 MIRU PU. Installed BOP. POOH w/ 242 jts tbg. Ran in hole w/ 316' 5 1/2" csg liner. Set Liner at approximately 7600' to 7900'. Release f/ on/off tool. (pumped 260 bbls down backside while setting liner) POOH w/ tbg. RIH w/ killstring. SI well

06/04/07 W/ PLS packer set @ 8020' w/ pump out plug.(below csg liner isolating Morrow perms) RIH w/ 7" RTTS pkr & set @ 7350 above csg liner. Loaded tbg w/ 35 bbls 7 1/2% KCL water w/ Claystay. Pressure test liner to 350 psi for 10 minute. Pressure leaked off to 0 psi in six minutes. Released RTTS packer. RIH to 8020' latched on to on/off tool. Loaded tubing w/ KCL water pressured to 3000 psi to pump out PLS pkr plug. Released on/off tool. PUH w/ 30 jts. SI Well.

06/05/07 POOH w/ remaining tbg & RTTS Pkr. RIH /w 2000' 2 3/8" tbg & 6020' of 2 7/8" tbg to PLS pkr @ 8020'. Latch on to on/off tool & released pkr. CIH to 9526'. Some drag going down. Tried to set PLS @ 9526'. Would not set. Pulled up to 9494'. Tried to set PLS pkr, still would not set. Pulled up hole to 9435'. SI well.

06/06/07 RDMO PU Left well shut in.

06/28/07 MI RUPU NUBOP, RIH w/ 2 jts and pkr would take weight. Tried to get off on/off tool, would not release. PUH w/ pkr to 9335'. SI Well.

06/29/07 Rigged up wireline & RIH w/ chemical cutting tool. Cut off 2 3/8" tbg @ 9329' in 4' sub above on/off tool. POOH w/ 2 7/8" tbg & 2 3/8" tbg . Laid down 2 3/8" tbg. RIH w/ 2 7/8" tbg to top of cut off sub on PLS pkr. Tried to push pkr down hole. Could not move packer. Set TAC @ 7298' w/ bottom of tubing @ 9288' SI well. RD MOPU