

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil and Gas Division
811 S. 1st
Artesia, NM 88202-2834

FORM APPROVED
Budget Bureau 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.

Serial No.

NM 3802

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
SW-521

8. Well Name and No.
MERSHON GAS COM #1

9. API Well No.

30-015-20241

10. Field and Pool, or Exploratory Area
INDIAN BASIN UPPER PENN GAS
POOL

11. County or Parish, State

EDDY NM

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)
915-682-1626

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
UL "A", 990' FNL & 990' FEL
SECTION 21, T-22-S, R-23-E

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

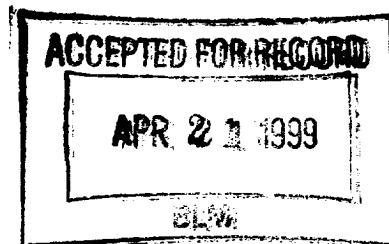
TYPE OF ACTION

<input checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input checked="" 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 final site is ready for final inspection.)

In reference to Notice of Incidents of Noncompliance #99-DW-139:

On 2/23/99 it was discovered that there was a casing leak in this well. Marathon Oil Company ran a downhole video to evaluate this well. A decision was then made to repair the casing and return this well to production. The details of this operation are attached.



ORIG SGD / GARY GOURLEY

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

Ginny Larke

Ginny Larke

Title

Engineer Technician

Date 4/9/99

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

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.

MERSHON GAS COM NO. 1
API No. 30-015-20241

Attachment to Form 3160-5
April 9, 1999

1. Work commenced 3/6/99. MIRU Coil tbg. unit. Pumped down tbg to clean up. RU on wellhead w/BOP. POOH w/1-1/4" coil. R/D coil unit.
2. MIRU PU. ND wellhead and NU BOP. Released 4-1/2" Lokset packer.
3. POOH w/2-3/8" tbg. & L/D packer. RU downhole video & RIH w/camera. Found holes in 4-1/2" casing @ 2156' and 2525'. Large amounts of pitting. Ran to 7393'. POOH w/camera & RD DHV.
4. RU wireline. Set 4-1/2" CIBP @ 7445'. Ran CBL from 7450'-5200'. TOC @ 5850'. Dumped 13' of cement on top of CIBP (top @ 7432'). RD wireline.
5. Dug out cellar. RIH & speared 4-1/2" csg. Attempted to PU csg. to remove slips, but couldn't move it. RIH w/4-1/2" chemical cutter. Cut 4-1/2" csg @ 5020'. RD wireline. ND BOP & tbg head. NU adaptor spool & NU BOP.
6. ND BOP. RU wireline. Set primer cord off around csg. head & freed slips. Speared csg & Pulled slips. NU BOP. POOH L/D 4-1/2" casing. RIH w/7-7/8" concaved mill on 6 DCs & 2-3/8" tbg. Tagged @ 4070'. PU swivel, but couldn't get through spot @ 4070'.
7. Reamed out 7-7/8" OH from 4070'-4080', 4350'-4360', and 90'-4100'. RIH to 5020'. Dressed off csg & POOH.
8. PU Weatherford casing patch, DV tool, 43 jts. 5-1/2" 17# csg., 69 jts. of 5-1/2" 15.5# csg. Latched onto csg. @ 5020'. Pulled lead patch. Dropped bomb. Opened stage tool. Cemented w/550 sx interfill "C" and additives tailed w/100 sx premium plus w/2% CaCl₂. Dropped plug, displaced w/118 bbls of water and circulated 0 sx. ND BOP & set 5-1/2" slips. Cut off csg. NU tbg head. NU BOP.
9. RIH w/4-3/4" bit. Drilled out cement & DV tool @ 4971'-5018'. POOH. Drilled out cement from 5018'-5030'. Drilled cement from 7414' to 7454'. Drilled out CIBP @ 7445' and tagged PBTD @ 7517'.
10. POOH w/tbg & RU wireline. Perforated casing from 7460'-7488', 7492'-7502', & 7508'-7535' w/2 spf @ 120° phasing. Set CIBP @ 7570' & RD wireline. RIH w/RTTS packer.
11. Set packer @ 7354'. Set & loaded backside to 500 psi. RU Halliburton and acidize perms 7461'-7488', 7493'-7502', 7508'-7536', 7573', & 7577' w/6000 gals. gelled Carbonate acid, 3000 gals. gelled spacer & 225 ball sealers in 4 stages. RD Halliburton & RU swabbing T. Swabbed well.
12. Released packer & POOH w/tbg L/D packer. RIH w/bailer on tbg & cleaned out wellbore to PBTD @ 7570'. POOH L/D 4500' of 2-3/8" tbg & bailer.
13. Changed out rams & installed Torus. RIH w/production tbg., ND BOP, & set TAC. RU tbg hanger. PU insert pump & K-bars made up to polished rod.
14. L/D polished rod & RIH w/rods w/fiberglass on top. Landed pump, loaded tbg & checked pump. Hung well on, RD PU, and turned well back to production on 3/21/99.