

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

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)
UL "A", 990' FNL & 990' FEL
SECTION 21, T-22-S, R-23-E

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
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

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 REPERF & ACIDIZE

- ☐ 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.)*

MARATHON OIL COMPANY plans to reperforate and acidize this well as follows:

RU Halliburton. Pump 1 bbl. mutual solvent & 4 bbls. 15% HCl acid down tubing followed by 3 bbls. mutual solvent to push acid into formation. Displace acid and solvent w/nitrogen to 7575'. RD Halliburton. Flow well back. If well dies, then shut well in for 24 hours. Record SITP & flow well to frac tank. If production is not established then RU wireline. Dump 25' of cement on top of Posi-set plug. RIH w/1-11/16" through tubing spiral gun loaded w/4 SPF at 60 degree phasing. Pump 6 bbls of 2% KCl with 1 gal. mutual solvent to maintain a 1000' fluid level for perforating. Perf. 7461'-7488' (108 holes), 7493'-7502' (36 holes), 7508'-7535' (108 holes). POOH and RD wireline. RU swab unit. RU Halliburton. Acidize the Upper Penn perfs with 8000 gals. of 15% HCl acid down 2-3/8" tubing. Pump 128 ball sealers evenly throughout the job. Displace acid w/2% KCl water to the top perf. Swab KCl water and acid back as quickly as possible. Put well in test.

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

Signed Gary Gourley

Title Engineer Technician

Date 4/17/98

(This space for Federal or State office use)

Approved (ORIG. SGD.) GARY GOURLEY
Conditions of approval, if any:

Title PETROLEUM ENGINEER

Date APR 21 1998

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.

* See Instruction on Reverse Side