

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.

FORM APPROVED
Budget Bureau No. 1004-0135
Expires November 30 2000

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)

800-351-1417

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1610' FSL & 880' FWL, U.L. "L"
SEC. 15, T-28-N, R-11-W

5. Lease Serial No.

NM-020498

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

OHIO GOVT

2-E

9. API Well No.

30-045-24334

10. Field and Pool, or Exploratory Area

KUTZ CANYON

11. County or Parish, State

SAN JUAN COUNTY

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

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 reclamatation, have been completed, and the operator has determined that the final site is ready for final inspection.)

PROPOSE TO SQUEEZE GRANEROS PERFS AND RE-ESTABLISH DAKOTA PRODUCTION AS PER THE ATTACHED PROCEDURE.



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

R. J. LONGMIRE

Title

DRILLING SUPERINTENDENT

Date

2/17/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Charlie Beecham

Title

Date

FEB 24 2000

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.

WORKOVER PROCEDURE

Ohio Government #2-E
Kutz Canyon Field
1650' FSL & 880' FWL
Section 15, T-28-N, R-11-W
San Juan County, New Mexico

Date: February 16, 2000

Purpose: Re-establish Dakota Production

GWI: 100%

NRI: 87.5%

AFE #: 591000

AFE Amount: \$109,800

AFE Days: 8

Elevations: KB: 5635'

GL: 5625'

TD: 6410'

PBTD: 6333'

Surface Csg: 9-5/8" 36# K-55 @ 563' cmt'd w/ 270 sks (circulated 25 sks)

Intermediate Csg: 7" 20# K-55 @ 1958' cmt'd w/ 250 sks (TOC @ 472')

Production Csg: 4-1/2" 10.5/11.6# K-55 @ 6406' cmt'd w/ 725 sks TOC @ 2500'
[Drift (11.6#) = 3.875" 80% Burst (10.5#) = 3832 psi]

Plugs: CIBP @ 6030'
Baker 'K1' Cement Retainer @ 6245'

Perforations: Graneros: 6070'-6076'(2 SPF)
Dakota 'A': 6123'-6144'(2 SPF)
Dakota 'B': 6260-6268'(2 SPF)

Anticipated BHP: ±600 psi in the Graneros and Dakota 'A'
±2500 psi in Dakota 'B'

Comments: 1) Use 2% KCl in all workover fluids(no substitutes).
2) Use 2-7/8" 6.5# N-80 tbg for workstring(80% Burst=8456 psi)

PROCEDURE

1. Inspect location and improve if necessary. Install and test safety anchors to 22,500#.
2. MIRU PU. ND wellhead. NU 7-1/16" BOP w/ pipe rams for 2-3/8" tbg on top & 2 valves below blind rams on bottom. Function test BOP. PU & RIH w/ 4-1/2" RBP, setting tool on 2-3/8" tbg. Set plug at ±125'. Test pipe rams to 1500 psi. Release from plug. POOH w/ setting tool. Test blind rams to 1500 psi.. RIH & latch onto plug. Release plug and POOH.
3. TIH w/ 3-7/8" bit 6-3-1/8" DC on 2-3/8" tubing and clean out well to cement retainer @ ±6245'(note CIBP @ 6030'). POOH. RIH w/ 4-1/2" RTTS treating packer on 2-3/8" and set at ±6200'. Pressure test cement retainer @ 6245' to 500 psi. Release packer & POOH.
4. RIH w/ 4-1/2" cement retainer and set @ 6020'. Squeeze perfs 6070'-6144' as per Halliburton recommendation. Sting out of retainer and reverse out cement. POOH.
5. RIH w/ 3-7/8" bit and 6-3-1/8" DC on 2-3/8" tubing. Drillout squeeze and pressure test to 200 psi(**DO NOT OVER PRESSURE**). FIH & drill up cement retainer @ 6245' and clean out well to PBTD @ ±6333'. POOH.
6. Change pipe rams to 2-7/8". TIH w/ 4-1/2" 10K packer on, 2-jts 2-3/8" 4.7# tbg & 2-7/8" workstring & set @ ±120'. Test pipe rams to 1500 psi. Release packer and finish in hole hydrotesting tbg(below slips) to 7000 psi. Set packer at ±6160'.

7. RU flowback line to frac tank. RU Halliburton. Hold safety meeting. Test lines to 7000 psi. Stimulate Dakota 'B' as per recommendation. Max pressure 6000 psi. Obtain ISIP 5, 10 & 15 SIP. Flowback load immediately on 1/4" choke. RD Halliburton.
8. RIH w/ sinker bar and tag sand. POOH w/ packer & LD 2-7/8" workstring.
9. Change pipe rams to 2-3/8". RIH w/ notched collar and seating nipple on 2-3/8" tubing. RU foam air unit and clean out to PBTD @ ±6333'. Circulate well until it cleans up. Land SN @ bottom perf. ND BOP NU wellhead.. RDMO pulling unit. Turn over to production.

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