

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

5. Lease Serial No.

NM-020500

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

OHIO "B" GOVT

1

9. API Well No.

30-045-07285

10. Field and Pool, or Exploratory Area

KUTZ FRUITLAND

11. County or Parish, State

SAN JUAN

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)

1-800-351-1417

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

1190' FSL & 1190' FWL
SEC. 23, T-28-N, R-11-W

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

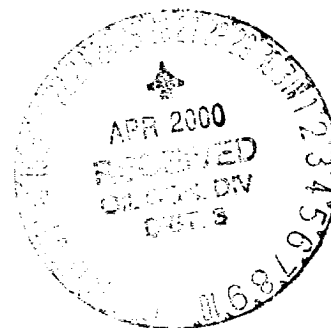
TYPE OF ACTION

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input 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 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.)

PROPOSE TO ADD PERFS IN THE FULCHER KUTZ PICTURED CLIFFS AND ZONE TEST FOR A POSSIBLE
DOWNHOLE COMMINGLE WITH THE KUTZ FRUITLAND SAND.

SEE ATTACHED RECOMPLETION PROCEDURE FOR DETAIL.



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

Name (Printed/Typed)

R. J. LONGMIRE

Title

DRILLING SUPERINTENDENT

Date

2/3/00

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.

(Instructions on reverse)

NMOC

Form C-128

Date: July 10, 1957

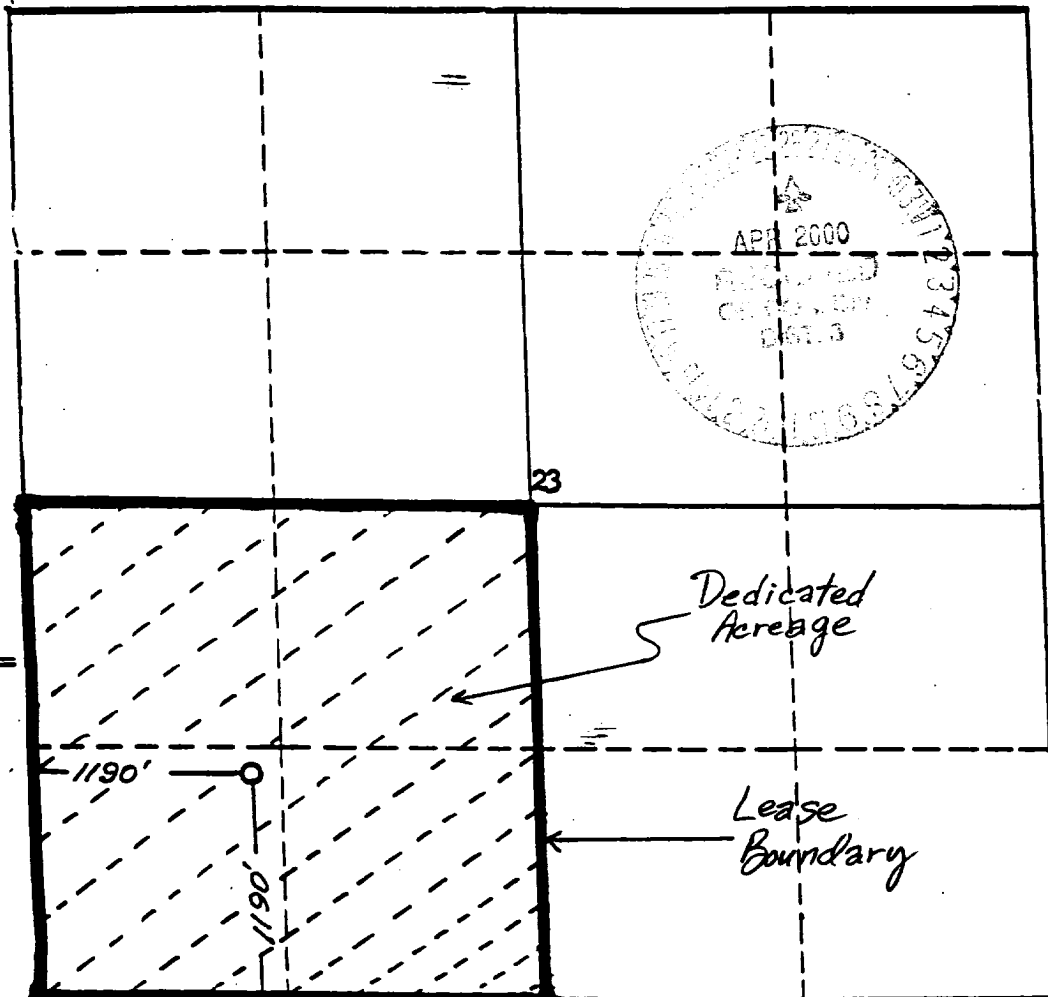
Lease No. 1, 043500 - Gen'l. Sec. 23

Located 1190 Feet From the SOUTH Line, 1190 Feet From the WEST Line,

SAN JUAN County, New Mexico. G. L. Elevation 5539.4 **UNGRADED.**

Name of Producing Formation Pictured Cliffs Pool Undesignated Dedicated Acreage 160

(Note: All distances must be from outer boundaries of Section)



NOTE

This section of form is to be used for gas wells only.

SCALE: 1" = 1000'

1. Is this Well a Dual Comp. ? Yes ___ No ___.
2. If the answer to Question 1 is yes, are there any other dually completed wells within the dedicated acreage? Yes ___ No ___.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Name _____
Position _____
Representing _____
Address _____

Date Surveyed 9 FEBRUARY 1957

Registered Professional Engineer and/or
Land Surveyor James P. Leese
N. Mex. Reg. No. 1163

WORKOVER PROCEDURE

Ohio 'B' Government #1

Kutz Canyon Field

1190' FSL & 1190' FWL

Section 23, T-28-N, R-11-W

San Juan County, New Mexico

Date: January 23, 2000

Purpose: Recomplete to the Pictured Cliffs and Downhole Commingle with the Kutz Fruitland Sand

GWl: 100% NRI: 87.5%

AFE #: 590800 AFE Amount: \$102,700 AFE Days: 6

Elevations: KB: 5552' GL: 5542'

TD: 1818' PBTD: 1565'

Surface Csg: 10-3/4" 32.75# H-40 8rd @ 167' cmt'd w/ 100 sks (circulated)

Production Csg: 5-1/2" 15.5# J-55 8rd @ 1600' cmt'd w/ 600 sks TOC @ 55'(TS)
[Drift (15.5#) = 4.825" 80% Burst (15.5#) = 3848 psi]

Tubing: 2-3/8" 4.7# H-40 EUE 8rd @ 1300'; "Anchor Joint" @ 1285'

Perforations: Fruitland: 1292'-1330'(4 SPF)

Anticipated BHP: ±200 psi in the Fruitland and Pictured Cliffs

Comments: 1) Use 2% KCl in all workover fluids(no substitutes).
2) Use 3-1/2" 9.3# N-80 tubing for frac string. [Drift = 2.867" 80% Burst = 8128 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. RIH & tag bottom. TOO H w/ 2-3/8" tubing. RIH w/ 5-1/2" RBP, setting tool on 2-3/8" tubing. 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/ 4-3/4" bit and 5-1/2" casing scraper on 2-3/8" tubing. Clean out well to PBTD @ ±1565'. POOH.
4. RU WL with full lubricator tested to 1500 psi. Run GR-CCL log across interval ±1565-1200'. Use Western Atlas Dual Induction-GR log from offset(Ohio 'B' Gov't #23-2) dated 10/7/90 for correlation. Perforate the correlative Pictured Cliffs interval from 1522'-1540'(18') w/ 4" casing guns loaded 4 SPF using 22.7 gram JRC charges.
5. Change pipe rams to 3-1/2". RIH w/ 5-1/2" 10K packer on 2-jts of 2-7/8" tubing and 3-1/2" tubing. Set packer @ ±120'. Test pipe rams to 1500 psi. Release packer and finish in hole hydrotesting tbg(below slips) to 6000 psi. Set packer at ±1400'.
6. RU flowback line to frac tank. RU stimulation company. Hold safety meeting. Test lines to 5000 psi. Stimulate Pictured Cliffs as per recommendation. RD stimulation company.
7. Flow back load. RIH w/ sinker bar and tag sand. POOH w/ packer & LD 3-1/2" tubing.
8. Change pipe rams to 2-3/8". RIH w/ notched collar, mud joint and seating nipple on 2-3/8" tubing. RU foam air unit and clean out to PBTD @ ±1565'. Circulate well until it cleans up. Land SN @ bottom perf. ND BOP. NU wellhead and pumping tee. RIH w/ rods & pump. Seat and space out pump. Load and test tubing. RDMO pulling unit. Turn over to production.

XC: D. W. Arnst
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