

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-020501

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

OHIO "C" GOVT

5

9. API Well No.

30-045-22705

10. Field and Pool, or Exploratory Area

KUTZ CANYON FIELD

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)

1450' FNL & 950' FEL

SEC. 26, 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

☐ 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

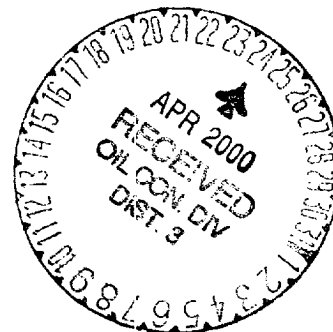
☐ Well Integrity

☒ Other Restim +

DHC

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 recomplete 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 recompletion 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 RESTIMULATE THE PICTURED CLIFFS & DOWNHOLE COMMINGLE WITH THE KUTZ
FRUITLAND SAND AS PER THE ATTACHED RECOMPLETION PROCEDURE



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

Charlie Beecham

Title

Date

APR 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.

(Instructions on reverse)

NMOCD

WORKOVER PROCEDURE

Ohio 'C' Government #5

Kutz Canyon Field

1450' FNL & 950' FEL

Section 26, T-28-N, R-11-W

San Juan County, New Mexico

Date: January 23, 2000

Purpose: Re-stimulate the Pictured Cliffs and Downhole Commingle with the Kutz Fruitland Sand

GWI: 100% NRI: 87.5%

AFE #: 590900

AFE Amount: \$94,700

AFE Days: 6

Elevations:

KB: 5697' GL: 5685'

TD: 1757'

PBTD: 1717'

Surface Csg: 8-5/8" 24# K-55 LT&C 8rd @ 242' cmt'd w/ 200 sks (circulated)

Production Csg: 4-1/2" 10.5# K-55 ST&C 8rd @ 1757' cmt'd w/ 400 sks TOC @ 503'
[Drift (10.5#) = 3.927" 80% Burst (10.5#) = 3832 psi]

Tubing: 2-3/8" 4.7# H-40 EUE 8rd, 2-3/8" x 1.87" Model 'L' Sliding Sleeve @ 1413', 3.062" x 1.995" Blast joints from 1415' to 1455', Model 'F' Non-Ported SN @ 1581', 3' tubing sub, 3-3/4" x 1.81" Model "FL" on-off toll, 4-1/2" Baker 43-A4 Model A-2 Lok-Set Retrievable Packer @ 1586', 6' perforated tubing sub, 2-3/8" x 1.78" Model R no-go and 4' tubing sub

Perforations: Pictured Cliffs: 1650'-1668'(1 SPF)
Fruitland: 1424'-1434'(2 spf)

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

Comments: 1) Use 2% KCl in all workover fluids(no substitutes).
2) Use 2-7/8" 6.5# N-80 tubing for frac string. [Drift = 2.347" 80% Burst = 7928 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. Release packer and POOH w/ 2-3/8" tubing. RIH w/ 4-1/2" 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/ 3-7/8" bit and 4-1/2" casing scraper on 2-3/8" tubing. Clean out well to PBTD @ ±1717'(If necessary). POOH.
4. Change pipe rams to 2-7/8". RIH w/ 4-1/2" 10K packer on 2-jts 2-3/8" tubing and 2-7/8" 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 ±1550'.
5. 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.
6. Flow back load. RIH w/ sinker bar and tag sand. POOH w/ packer & LD 2-7/8" tubing.
7. 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 @ ±1717'. 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
D. K. Barker
G. W. Donaghey
W. J. Dueease

M.D. Bidwell
W. S. Landon
R. J. Longmire
R. Skinner

K.W. Spilman
J.A. Bucci

WELL LOCATION AND ACREAGE DEDICATION

Supersedes C-128
Effective 1-4-65

All distances must be from the outer boundaries of the Section.

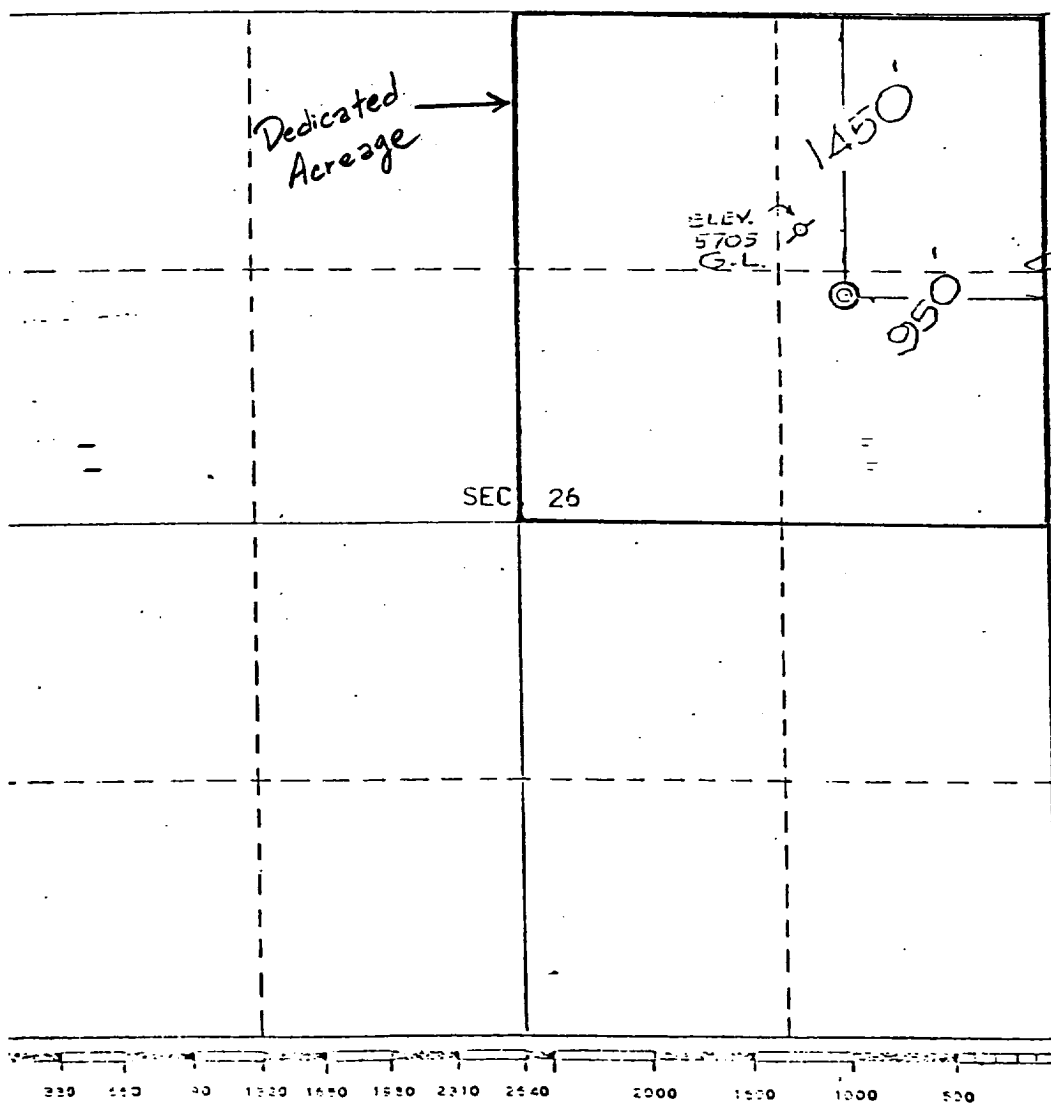
Marathon Oil Company			Lease Ohio "C" Government		Well No. 5
Well Letter H	Section 26	Township 28 North	Range 11 West	County San Juan	
Footage Location of Well:					
1450 feet from the North line and		950 feet from the East line			
Ind Level Elev. 5685	Producing Formation Fulcher Kutz-Pictured Cliffs Sand		Pool Fulcher Kutz - Pictured Cliffs	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation NA

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

James L. Campbell
James L. Campbell

Position

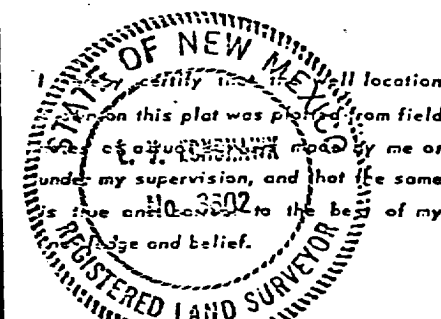
District Operations Manager

Company

Marathon Oil Company

Date

August 22, 1977



Date Surveyed

August 4, 1977

Registered Professional Engineer
and/or Land Surveyor

E.V. Echohawk

Certificate No. 3602

E.V. Echohawk LS