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Form 1000-5  
and 1000-1

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 27 1992

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

Case Designation and Serial No.

NMM-85311

Indian, Aliens or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a well or reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

O.C.D.  
OFFICE

SUBMIT IN TRIPLICATE

Unit or CA Agreement Designation

Tamano (BSSC) Unit

Well Name and No.

Tamano (BSSC) Unit #601

API Well No.

30-015-25955

Field and Pool, or Exploratory Area

Tamano (Bone Spring)

County or Parish, State

Eddy County, NM

Type of Well

☐ Oil  
☐ Gas  
☐ Well

☐ Gas  
☐ Well

☒ Other

Water Injection Well

Name of Operator

Marathon Oil Company

Address and Telephone No.

P. O. Box 552, Midland, TX 79702 915/682-1626

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

Unit M, 660' FWL & 470' FSL

Section 11, T-18-S, R-31-E NMPM

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

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☒ Conversion or Injection

☐ Dispose Well

Note: Report required on completion of well  
Completion or Recompletion Report and Log (form)

3 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 initiated conversion operations on 12/7/91 to convert the Tamano (BSSC) Unit No. 601. Operations were completed on 12/20/91 with water injection beginning on 1/1/92. Listed on the attached page is an outline of the work that was completed.

FEB 25 1992

EB

4 I hereby certify that the foregoing is true and correct

Signed

*R. D. Gaddis*

R. D. Gaddis

Title

Production Engineer

Date 2/11/92

This space for Federal or State office use

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and unlawfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representation as to any matter within its jurisdiction.

Attachment to Form 3160-5  
Tamano (BSSC) Unit No. 601  
Item 13

1. MIRU PU. Installed BOP.
2. POOH w/killstring (tubing & rods removed previously).
3. RIH w/5 1/2" RBP on 2 7/8" workstring and set at 8040'. Circ two sx of sand on RBP. POOH.
4. RIH w/5 1/2" cmt retainer and set at 7895'.
5. Squeezed perfs 7963-71' & 7974-81' with a total of 150 sx. Squeeze to 2500 psi. Strung out of retainer and circ tubing clean. POOH.
6. RIH w/4 3/4" bit and drill collars. Drilled retainer and cement to 8008'. RIH and circ sand off RBP. Tested squeeze to 500 psi. POOH.
7. RIH w/bit and scraper to clean casing. Tagged at 8032'. POOH. RIH w/RBP retrieving tool. Could not retrieve RBP. POOH.
8. RIH w/impression block on sandline. Could not get to RBP due to apparent tight spot in casing above RBP. POOH.
9. RIH w/mill shoe and milled trash off RBP. Circ hole clean. POOH. RIH w/retrieving tool and retrieved RBP. POOH.
10. RIH w/5 1/2" RTTS to 8026' and set pkr. Test backside to 500 psi. Attempted to pump into perforations at 8072-8228'. Could not pump into perfs.
11. Released RTTS tool and RIH and set down at 8080'. POOH.
12. RIH w/4 3/4" bit and drill collars. Drilled cement from 8080-8225'. RIH to 8307'. Circ hole clean. POOH.
13. PU 5 1/2" RTTS tool and RIH to 8224'. Spotted 160 gals of 15% HCl across perfs. PU and set pkr at 8065'. Acidized perfs 8072-8228' with a total of 3000 gals of 15% NEFE HCl acid. RU swab. Swabbed and flowed a total of 6 BO and 125 BW.
14. Released pkr and POOH, laying down workstring & treating pkr. RIH w/killstring.
15. POOH w/killstring. PU a 2 3/8" x 5 1/2" Guiberson Uni-VI (fiberglass lined) w/2 3/8" nickel-plated wireline reentry guide, 2 3/8" Guiberson "XL" on-off tool (316 SS) and RIH on 2 3/8" Duoline N-80 tubing. Set pkr at 7996'. Released on-off tool and pumped pkr fluid. ND BOP and NU wellhead. Finished loading backside and engaged of-off tool.

Attachment to Form 3160-5  
Tamano (BSSC) Unit No. 601  
Item 13

16. Pressure tested backside to 500 psi. MIT test witnessed and approved by NMOCD personnel. RDMO PU.
17. Hooked up wellhead equipment.
18. Started water injection on 1/1/92.