

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

SUNDRY NOTICES AND REPORTS ON WELLS

O. C. D.
OFFICE

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

Type of Well
☐ Oil Well ☐ Gas Well ☒ Other Water Injection Well

2 Name of Operator

Marathon Oil Company

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)

Unit P, 560' FSL & 990' FEL
Section 11, T-18-S, R-31-E NMPM

7 Unit or CA Agreement Designation

Tamano (BSSC) Unit

8 Well Name and No.

Tamano (BSSC) Unit #201

9 API Well No.

30-015-26082

10 Field and Pool, or Exploratory Area

Tamano (Bone Spring)

11 County or Parish, State

Eddy County, NM

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 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 initiated conversion operations on 1/4/92 to convert the Tamano (BSSC) Unit No. 201 to water injection. Work on the well was completed and water injection started on 1/15/92. Listed on the attached page is an outline of the work that was completed.

FEB 25 1992

14 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 willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

Attachment to Form 3160-5
Tamano (BSSC) Unit No. 201
Item 13

1. MIRU PU. Installed rod stripper. POOH laying down rods and pump. ND wellhead and NU BOP.
2. Released TAC and POOH laying down 2 3/8" production tubing.
3. PU 2 7/8" workstring and RIH w/5 1/2" RBP and pkr. Set RBP at 8075'. Tested RBP to 2000 psi. Held OK. Spotted 2 sx sand on plug. POOH.
4. RIH w/cmt retainer and set at 7930'. Pressured annulus to 1000 psi. Cmt squeeze perms 8005' to 8024' w/150 sx cement. Strung out of retainer and circ hole clean. POOH.
5. RIH w/4 3/4" bit and collars. Tagged cmt at 7923'. Drilled cmt & retainer to 8031'. Continued in hole and washed sand off RBP. Tested squeeze to 1000 psi. POOH.
6. RIH w/retrieving tool and latched onto RBP. POOH.
7. RU perforators and perfed 2nd Bone Spring Carbonate at 8121-97' OA, 2 SPF. RD perforators.
8. RIH w/5 1/2" RTTS tool and set at 8066'.
9. Acidized perms 8121-8197' w/3000 gals of 15% NEFE HCl acid, spearheading 500 gals of xylene ahead of acid. RU swap and recovered 17 bbls of water.
10. Released packer and POOH laying down workstring.
11. PU 2 3/8" x 5 1/2" Baker Lok-Set packer (fiberglass lined) w/nickel-plated wireline reentry guide, Guiberson "XL" on-off tool (316 SS) and RIH on 259 joints of 2 3/8" N-80 Duoline tubing. Set packer at 8033'. ND BOP and NU wellhead.
12. Filled annulus w/2% KCl water containing pkr fluid. Pressured backside to 525 psi. MIT witnessed and approved by NMOCD personnel.
13. Hooked up wellhead equipment.
14. Started injecting water on 1/15/92.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

(See other in-
structions on
reverse side)

LEASE DESIGNATION AND SERIAL NO.

NMM-85311

IF INDIAN ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

Tamano (ESSC) Unit

LEASE OR LEASE NAME

Tamano (EBSC) Unit

WELL NO.

201

FIELD AND POOL OR WILDCAT

Tamano (Bone Spring)

SECTION, TOWNSHIP, RANGE OR BLOCK AND SURVEY
OR AREA

Sec. 11, T-18-S, R-31-E
NMPM

COUNTY OR
PARISH

Eddy

STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: ☐ OIL WELL ☐ GAS WELL ☐ DRY ☐ Other Water Injection

b. TYPE OF COMPLETION:

☐ NEW WELL ☐ WORK OVER ☐ REPERF ☐ PLUG BACK ☐ DIFF. DESVR ☐ Other Conversion

2. NAME OF OPERATOR

Marathon Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 552, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface Unit P, 560' FSL & 990' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

FEB 27 1992

O. C. D.
ARTS & OFFICE

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (D.P., R&B, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

See original Completion Report

20. TOTAL DEPTH, MD & TVD 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL. HOW MANY* 23. INTERVALS DRILLED BY 24. DEPTH TO TOP OF 25. TABLE TOOLS

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL
SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORRED

29. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
See original Completion Report					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	8033'	8033'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

Shingle Perfs: 8005-8024' (Squeezed)

2nd Bone Spring Carbonate: 8121-97'
(reperfed same interval)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8005-3024'	Squeezed w/150 sx
8121-8197'	Acidized w/500 gals xylene &
	3000 gals 15% HCl

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				
FLOW, TUBING PRESS. & CASING PRESSURE		CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

FEB 25 1992

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED R. D. Gaddis

TITLE Production Engineer

DATE 2/11/92

*(See Instructions and Spaces for Additional Data on Reverse Side)