

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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O. C. D.
ARTESIA OFFICE

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

CSF

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
LC-029388-(D)

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Johnson "B" Fed. No. 10

9. API Well No.
30-015-26439

10. Field and Pool, or Exploratory Area
Tamano (Bone Spring)

11. County or Parish, State
Eddy County,
New Mexico

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Marathon Oil Company

3. Address and Telephone No.
P. O. Box 552, Midland, Texas 79702 (915) 682-1626

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
990' FNL & 450' FWL
Unit Letter D, Section 11, Township 18 South, Range 31 East

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Step-Rate Test</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)

As soon as possible, Marathon Oil Company proposes to run a step-rate test on the subject well. Rods, pump and tubing will be tripped out-of-hole. A packer will be set on tubing at approximately 7970', above all Bone Spring Second Carbonate, BSSC, perms from 8017'-8080'. Fresh water will be injected from steam-cleaned frac tanks for one week at a rate of 1000 BWPD or a maximum surface pressure of 1600 psi, whichever is more restrictive. A step-rate test will then be performed as follows:

TIME (mins.)	RATE (BPM)
30	0.025
30	0.050
30	0.100
30	0.250
30	0.500
30	0.750

The purpose of this test will be to determine the parting pressure of the BSSC. The data is necessary for design of a waterflood project for the proposed Tamano (BSSC) Unit. Results will be forwarded to the BLM upon completion of the test.

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

Signed *Daniel D. Taimuty* Title Reservoir Engineer Date June 4, 1991

(This space for Federal or State office use)

Approved by _____ Title _____ Date 7/3/91

Conditions of approval, if any: