

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

6. If Indian, Allottee 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 different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED

JUN - 3 1992

Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

Name of Operator
Marathon Oil Company

O. C. D.
REGIONAL OFFICE

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 F, 2310' FNL & 1988' FWL
Section 11, T-18-S, R-31-E

8. Well Name and No.

Johnson "B" Fed. A/C 1 #12

9. API Well No.

30-015-26864

10. Field and Pool, or Expansive Area

N. Shugart (Y, 7, Riv, On GB)

11. County or Parish, State

Eddy County, New Mexico

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 New well completion

- ☐ Change of Plans
☐ New Completion
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report required immediately on well completion or abandonment 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 measures and true vertical depths for all markers and zones pertinent to this work.)

Marathon Oil Company has completed the Johnson "B" Federal A/C 1 No. 12 as a Grayburg oil producer in the North Shugart (Yates, Seven Rivers, Queen, Grayburg) reservoir. Completion operations began on 4/21/92 with the well being finaled on 5/15/92 to produce 63 BOPD, 288 BWPD and 40 MCFD. Listed on the attached page is a summary of the work completed.

APC

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

Signed Thomas M. Price Thomas M. Price Title Advanced Engineering Technician Date 5/18/92

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Form 3160-5
Section 13
Johnson "B" Federal A/C 1 No. 12

1. Installed safety anchors. MIRU PU. NU BOP. RU wireline unit and RIH w/gauge ring and junk basket to 4358'. Ran GR-CBL-CCL from 4350 to 2800'. RU perforators and shot Grayburg w/4" csg gun, 2 JSPF from 4003', 4006', 4012-33'.
2. PU 2 3/8" x 5 1/2" Baker full bore packer and RIH to 3892' and set. Acidized perfs 4003' to 4033' w/1500 gals of 7 1/2" NEFE acid w/100 ball sealers. Saw some ball action. Released pkr & RIH to knock balls off perfs. PU pkr and reset. RU swab. Swabbed well dry.
3. RU wireline unit and obtained BHP of 881 psi at 4018'. RD wireline unit. Rigged up service company and attempted to frac Grayburg perfs. Attempt failed due to poor gel quality.
4. Circulated 100 bbls of 7 1/2" NEFE to clean up gel. RIH w/bit & csg scraper. POOH.
5. RIH w/treating pkr to 3892' and set. Acidized Grayburg perfs 4003' to 4033' w/500 gals of 7 1/2" NEFE, dropping 100 ball sealers. Balled out. Surged balls and finished job. Pump 8000 gals of EZ clean breaker into perfs.
6. RU swab. Swabbed well dry. Fluid entry 4-5 bbl/hr.
7. RD swab. Released pkr and POOH. RIH w/notched collar on btm and blast joint on top. Fracture treated Grayburg perfs as follows:
 - 4,200 gals 35# linear gel prepad
 - 30,000 gals 35# crosslinked borate gel w/3% diesel as pad
 - 1,000 gals 35# linear gel w/2.5/gals 20/40 Ottawa
 - 1,500 gals 35# linear gel w/5.0#/gal 20/40 Ottawa
 - 3,000 gals 35# linear gel w/7.5#/gal 20/40 Ottawa
 - 3,500 gals 35# linear gel w/10.0#/gal 20/40 Ottawa
 - 2,500 gals 35# linear gel as flush
- ISIP - 1400 psi. Started forced closure at 1 BPM at 1400 psi on 16/64" choke. Well flowed 3 hrs and 15 mins then died. Recovered 210 bbls. Shut well in.
8. SITP - 0 psi. RIH w/killstring and tagged sand at 4101'. Cleaned out to 4133'. POOH.
9. RIH w/production tubing. ND BOP. Set TAC and NU wellhead. Landed SN at 3985' w/TAC at 3891'. RIH w/1 1/4" pump on 7/8" and 3/4" steel rods.
10. Hung well on. RDMO pulling unit. Started well pumping 10 SPM at 120" strokes.
11. Tested well from 5/1/92 to 5/15/92. Finaled well at a rate of 63 BOPD, 288 BWPD w/40 MCFG. Total Load 1717 BW. Total recovery 563 BO and 3782 BW.