

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 17 1992

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

O. C. D.  
SUNDY NOTICES AND REPORTS ON WELLS  
BUREAU OF LAND MANAGEMENT

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

1. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	2. Name of Operator: Marathon Oil Company	3. 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): 2310' FSL & 2060' FWL Section 11, T-18-S, R-31-E	5. Well Name and No.: Johnson "B" Fed. A/C #11	6. API Well No.: 30-015-26872	7. Field and Pool, or Exploratory Area: Shugart, N. (Y, 7R, Q, GB)	8. County or Parish, State: Eddy Co., NM
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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 Completion

- ☐ 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 1

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 operations on 1/8/92 to complete the Johnson "B" Federal A/C 1 No. 11 in the Grayburg zone. Following is the procedure:

01/08/92 MIRU DAS Well Service. ND wellhead. NU BOP. PU & RIH w/4 3/4" bit, 5 1/2" csg scraper, x-over, SN, 74 jts 2 3/8" tbg. Secure well. SDFN.

01/09/92 RIH w/4 3/4" bit & csg scraper on 148 jts 2 3/8" tbg (4550'). Tag PBTD (4562'). Rig Howco. Test BOP to 1000#. Acidize tbg w/500 gals 15% HCl acid. Circ hole w/115 bbls 2% KCl wtr. POOH w/2 3/8" tbg & bit scraper. RU WL truck. Ran GR-CCL-CBL logs from 4560'-4000' under 0# psig. Log from 4560' to surface under 1000# psig. Secure well. SDFN.

01/10/92 Open well. RU wireline truck w/full lubricator. Test to 1000#. OK. Perforate 4041'-56', 4120'-32'. 2 SPF (56 holes) w/4" csg gun. POOH. RD wireline. RIH w/RTTS pkr on 2 3/8" tbg. Rig Howco. Test lines to 5000#. Spot 300 gals 15% NEFE @ 4132'. Pull 6 jts tbg. Reverse 5 bbls down annulus. Set pkr @ 3958'.

(See Attachment)

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

Signed

Title

Date

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

2 1992

Attachment  
Form 3160-5  
Johnson "B" Fed. A/C No.11

Break down perfs @ 1700# .2 BPM. Dec to 1200#. Circ acid to pkr. Set pkr. Acidize perfs 4041-4132' w/2700 gals 15% NEFE using 112 balls. Good BA. No BO. AIR 3 BPM @ 1600#. Max psig 2000#. Flush w/22 bbls 2% KCl. ISIP 1030#, 5 min 1000#, 10 min 970#, 15 min 940#. Open well. Flow back 13 bbls in 1 1/2 hrs. Well died. Ran swab. BFL. Surface swb 2 hr. Rec 23 bbls load w/trace of oil. EFL 3600'. SDFN.

01/11/92 12 hr SITP 50#. Bled off psig. Ran swab. BFL 1400' FS. Swab tbg dry in 1 hr. Rec 8 1/2 bbls. Establish stable fluid entry of 2 BPH. 10% oil cut. Rec total 21 bbls fluid (18 BW, 3 BO).

01/12/92 12 hr SITP 75#. Bled off psig. Ran swab. BFL 1800' FS. Swab tbg dry in 1 hr. Rec 10 bbls. Establish fluid entry of 1 1/2 BPH. 8% oil cut. Total rec 18 bbls.

01/13/92 SWI Sunday.

01/14/92 Open well. 0# psig. Ran swab BFL 1500' FS. Swab 1 hr, tbg dry. Rec 10 bbls 60% oil. Wait 1 hr. Ran swab. Rec 3 bbls 10% oil. Swab total of 5 hrs. Rec total 19 bbls. Last swab run 10% oil cut.

01/15/92 RU Cardinal Survey. Ran GR base log from 4562-3850'. RD WL truck. RU Western Co. Load hole w/2% KCl wtr. Test frac lines to 4000#. Pumped 10,000 gals pre-pad. Frac perfs 4041-4132' w/20,000 gals gelled wtr using 28,000# of Ottawa 20-40 sand + 12,000# 20-40 resin coated sand. Max psig 2330#, min psig 1650#, ATP 2000#, AIR 6 BPM. ISIP 1450#, 5 min 1250#, 10 min 1180#, 15 min 1150#. RU Cardinal WL. Ran after frac survey. RD WL. SDFN.

01/16/92 16 hr SITP 100#. Bled off psig. Flow back 7 bbls. Load wtr in 2 hr. Rig swab, BFL surface. Swab 200 bbls in 7 hrs. EFL 1800' FS. Ending fluid sample 10% oil cut. SDFN.

01/17/92 Open well 0# psig. Ran swab. BFL 400' FS. Swab perfs 9 hrs. Rec 244 bbls total fluid, with oil cut increasing from 10% to 15% by end of swabbing. FFL 1500' FS.

01/18/92 Well had 220 psi on tbg. Flowed back 2 bbls oil. Starting FL @ 800'. Made 30 runs. Final FL @ 1200'. 20% oil. Swabbed back 154 bbls. SWI for weekend.

01/19/92 SD.

01/20/92 SD.

01/21/92 SITP 255#. Open well. Flow well 2 hrs. Rec 42 bbls & died. Lowered tbg. Tag fill @ 4506'. POOH w/tbg. RIH w/bulldog bailer. Clean out well to PBTD of 4562'. RIH w/137 jts of 2 3/8" tbg w/2 3/8" x 1 3/4" working pump barrel & tbg anchor. Btm of pump @ 4252'. Tbg anchor @ 3920'. ND BOP. Set tbg anchor. RIH w/167-3/4" rods w/pump, plunger. Space out pump. Hang well on production. RD. Release PU.  
FINAL REPORT.

01/22/92 Align and balance PU. Place well on test.

01/23/92 Well pumped 4 BO, 149 BW & 0 MCFG in 13 hrs.

01/24/92 Well pumped 0 BO & 18 BW in 2 hrs. Well producing sand. Will install purge valve & raise tbg above perfs.

01/25/92 MIRU Ram pulling unit. POOH w/rods & plunger. NU BOP's. FIH w/tbg & tag TD @ 4518.01' KB. POOH. RIH w/HF purge valve on btm of mud jt, 2 3/8" x 1 3/4" pump barrel, 2 jts 2 3/8" tbg, 5 1/2" x 2 3/8" TAC & 165 jts 2 3/8" tbg to 4008.48' KB, SN @ 3956.44' KB & TAC @ 3892-14' KB. Kill well w/140 BW. RIH w/6' x 1 3/4" plunger assembly on 156-3/4" Norris 97 rods. Space out & hang well on. Load & test to 500 psi. Check pump action. RD PU. Put well on test.

01/26/92 Well pumped 158 BO & 265 BW in 15 hrs.

01/27/92 Well pumped 150 BO & 215 BW in 24 hrs.

01/28/92 Well pumped 122 BO & 259 BW in 24 hrs.

01/29/92 Well pumped 130 BO, 200 BW & 122 MCFPD in 24 hrs.

01/31/92 Well pumped 123 BO, 100 BW & 51 MCFPD in 17 hrs. Well flowing intermittently up tbg & csg. Producing fluid level at 797' FS (2.6% liquid).