

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.
30-025-37555

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:
Walter Lynch

8. Well Number

11

9. OGRID Number

14021

10. Pool name or Wildcat
Penrose Skelly Grayburg

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Marathon Oil Company

3. Address of Operator

P.O. Box 3487 Houston, TX 77253-3487

4. Well Location

Unit Letter E: 1980' feet from the North line and 810' feet from the West line

Section 1 Township 22-S Range 37-E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3356' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Marathon Oil Company completed operations to run a tracer log and cement squeeze the Queen perforations in the Walter Lynch No 11. This work was completed last year. The well was subsequently tested in March 2006, when it made only water. The well was shut in until November at which time it was again tested and still made only water. The well is currently shut in. A sundry notice for requesting TA status is being filed along with this sundry updating the well work. Please see attachment for details of RA tracer and cement squeeze operations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Charles E. Kendrix TITLE Engineering Technician DATE 07/10/2007

E-mail address: cekendrix@marathonoil.com

Type or print name Charles E. Kendrix

Telephone No. 713-296-2096

For State Use Only

APPROVED BY Guy W. Wink TITLE UC FIELD REPRESENTATIVE II/STAFF MANAGER DATE JUL 16 2007

Conditions of Approval, if any

Walter Lynch No 11
Run Radio Active Tracer Test & Squeeze Queen Perforations
(Put back on as Grayburg only)

02/22/06	MIRU PU. Unseat pump. POOH w/ rods & pump. Install BOPE. Unset TAC. SI well.
02/23/06	RIH w/ 2 7/8" tbg to 3836'. Did not tag. POOH w/ 120 jts and BHA. RIH w/ 5 1/2" CIBP on 121 jts tbg. Set CIPB @ 3760'. POOH w/ tbg. RIH w/ 5 1/2" Pkr on 118 jts 2 7/8" tbg. Test CIBP to 1000 psi. Held Pressure. PUH w/ Pkr. Set Pkr @ 3000'. Top Queen perf @ 3650'. SI well.
02/24/06	Swab 109 bbls. IFL @ 800', FFL @ 1000'. RD swab. RU Baker Atlas wireline & kill truck. Run temperature survey. Establish pump rate. Run wireline RA injection survey. Establish injection rate @ 1 BPM @ 700 psi. 2 BPM @ 840 psi. 3 BPM @ 1000 psi. Tracer found to be going into Queen perforations. Tracer then split with some going down hole and some going up hole. Tracer flow up hole was twice rate of tracer flow downhole. Tracer log confirms significant flow features behind casing from Queen formation to at least 3430'. Plan to squeeze Queen perforations.
02/27/06	POOH w/ 2 7/8" tbg & pkr. RIH w/ cmt retainer. Circ hole clean. Set Cmt Retainer @ 3586' on 115 jts 2 7/8" tbg. Cmt Squeeze Queen perforations @ 3650'-3660' w/ 300 sks Class C Neat cmt @ 500 psi. Displace tbg. reverse circ hole clean. POOH w/ tbg. SI Well.
02/28/06	RIH w/ bit, BHA, & tbg. Tag Cmt Retainer @ 3585'. Circ hole. Drill Cmt Retainer f/ 3585' to 3588'. Fell out of retainer into soft cmt. Stopped drilling. Circ hole clean. SI well.
03/01/06	Open well. Circ well. RIH w/ tbg. Tag cmt @ 3588'. Drill out cmt 3636'. Cement still green. Stop drilling 14' above top Queen perf @ 3650'. Circ hole clean. PUH 30' w/ bit. SI well. WOC
03/02/06	Open well. Circ hole. Drill cmt f/ 3636' to 3675'. Drop out of cmt and RIH to top fallen CIBP @ 3690. CIBP had stopped on sand fill. Sand fill f/ 3690' to CIBP @ 3760. Circ hole clean. Test cmt squeeze on Queen perforations to 200 psi. Held Pressure. PUH t/ 3665' w/ bit. Swab well dry for negative pressure test on perfs. Waited one hour, no fluid entry. SI well.
03/03/06	RIH w/ swab. FL @ 3500'. No fluid entry. RIH w/ bit break circ. Drill retainer @ 3690'. RIH & drill CIBP @ 3760'. Drill cmt f/ 3804' to 3878'. Circ sand fill hole f/ 3878' to PBTD @ 3960'. Circ hole clean PUH 20 jts. SI well.
03/04/06	RIH w/ 20 jts tag CIBP @ 3960'. No Fill. Circ hole clean w/ fresh water. POOH w/ 123 jts tbg & BHA. SI well.
03/07/06	RU Baker Atlas wireline. RIH w/ SRAL/CCL/GR. Logged f/ PBTD @ 3960 to 2800 w/ zero pressure. TOC @ 3010'. Pressured up casing to 500 psi. Re-ran log f/ 3960' to 3500'. Pressure csg to 1000 psi and ran SPAL f/ 3960 to 2800'. RD Baker Atlas. RIH w/ bull plugged perf sub, 122 jts 2 7/8" tbg. ND BOP, NU WH. RIH w/ rods & pump. (105 - 7/8" & 36 - 1" rods) SI well.
03/08/06	Well stacked out and left down. On tests well never made anything but water, and pumping unit was shut down.
11/09/06	Turned well on. Well made 92 bbls water, and pumped off. Well shut in on 11/10/2006.