

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. 30-025-10440
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: J.L. Muncy
8. Well Number 1
9. OGRID Number 14021
10. Pool name or Wildcat 49210 Paddock

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3333' Gr
2. Name of Operator Marathon Oil Company	
3. Address of Operator P.O. Box 3487 Houston, TX 77253-3487	
4. Well Location Unit Letter <u>P</u> : <u>660</u> feet from the <u>South</u> line and <u>660</u> feet from the <u>East</u> line Section <u>24</u> Township <u>22-S</u> Range <u>37-E</u> NMPM County <u>Lea</u>	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> 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:

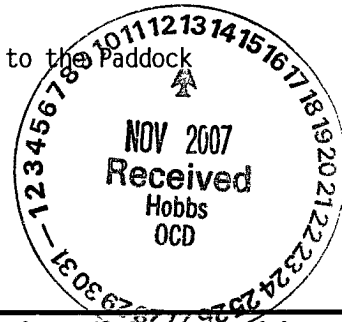
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: Recompletion work to Paddock ☒

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 has completed operations to re-complete the J.L. Muncy No 1 to the Paddock formation. Please see attachment for details of well work.



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 Reg Compliance Rep DATE 11/02/07
E-mail address: cekendrix@marathonoil.com
Type or print name Charles E. Kendrix Telephone No. 713-296-2096

For State Use Only

APPROVED BY Chris Williams TITLE OC DISTRICT SUPERVISOR/GENERAL MANAGER DATE APR 29 2008
Conditions of Approval, if any: 2A Tubb & G / Brunson Drinkard - Abo South

J.L. Muncy No 1

Plugback DHC Tubb/B. Drk Abo, South RC Paddock

- 09/26/07 MIRU PU. Fish plunger. Install BOP. RU Scanolog. Scan 2 3/8" prod tbg out of hole. RD Scanolog. RIH w/ 4 3/4" bit, 5 1/2" csg scraper on 74 jts 2 3/8" tbg for kill string. SI well.
- 09/27/07 Kill well w/ 20 bbls water. Cont RIH w/ tbg, csg scraper, & bit. Ran total 180 jts tbg. POOH w/ tbg, csg scraper, & bit. RIH w/ RBP on 2 jts tbg. Set RBP @ 60'. Load and test csg annulus, wellhead flange, & BOP pipe rams to 3000 psi. POOH w/ tbg. Load and test blind rams to 3000 psi. RIH w/ 5 1/2" CIBP on 177 jts tbg. Set CIBP @ 5510'. Circ hole clean w/ 120 bbls fresh water. Test CIBP to 500 psi. PUH w/ tbg to 5150' w/ 165 jts & 12' of tbg subs in hole. RU McClaskey acid pump truck. Pumped water to break circulation. Pump 500 gals 7 1/2% NEFE HCL Acid and displaced w/ 8 bbls fresh water. Reversed acid out of tbg. RD McClaskey. SI well.
- 10/01/07 Spot 210 gals 7 1/2% HCL acid over intended perforation interval. POOH w/ tbg. RU Baker Atlas wireline. Test lubricator to 1000 psi. Perforate Paddock formation w/ 3 1/8" slick gun carrier w/ 311T 23 gram charges w/ 2 JSPF, 120° phasing w/ collar locator. Perforated 4 intervals in 3 gun runs as follows:
- | Interval | Feet | Shots |
|---------------|-----------|-----------|
| 5080' – 5086' | 6 | 12 |
| 5092' – 5100' | 8 | 16 |
| 5104' – 5122' | 18 | 36 |
| 5128' – 5150' | <u>22</u> | <u>44</u> |
| Totals | 54' | 108 holes |
- RIH w/ dump bailer dump 10' cement on CIBP @ 5510'. *Needs to be 35'*
 POOH w/ wireline RD Baker Atlas. RIH w/ 5 1/2" HD pkr, SN, on 161 jts 2 3/8" tbg. Reverse 5 bbls water to insure no acid in annulus. Set pkr @ 5010'. Loaded csg annulus, loaded tubing. Pressured tbg and perfs to 1500 psi. Perforation began to take water @ 1/4 bbl / min. Pumped into perfs increased rate to 1 BPM @ 1800 psi. Pumped 10 bbls water. Bled tbg press off. SI well.
- 10/02/07 RU MacClaskey acid pump truck. Test surface lines to 5000 #. Pump 5000 gals 15% HCL acid. Started dropping ball sealers after 10 bbls acid was pumped. Saw no ball action. Pumped 40 bbls water to flush. SI well. RD McClaskey acid truck. Unset pkr. RIH w/ 22 jts tbg to 5500' to knock ball sealers off perfs. POOH w/ tbg & pkr. RIH w/ 2 3/8" collar, SN, 165 jts 2 3/8" J-55 tbg. SN @ 5140 w/ bottom of collar @ 5141'. Installed well head and flowline. RDMO PU. RU Swab Unit. SI well.
- 10/03/07 RU swab. Beginning TP=0, CP =0, IFL @ 83' f/ surface. Made 42 swab runs. FFL @ 2360'. Made 161 bbls total all water no oil. Slight gas blow between runs. Final TP=0, CP =200 psi. SI well.
- 10/04/07 TP=300#, CP=390#, IFL @ 1820'. Made 43 swab runs. Swabbed 158 bbls water and 16 bbls oil for the day. FFL @ 2350'. SI well.

10/05/07 TP=350#, CP=390#, IFL1735'. Made 42 swab runs for 115 bbls water & 25 bbls oil. Ending TP=0, CP=460 psi. FFL 1980'. SI well.

10/06/07 TP=350#, CP=600 #, IFL @ 1775'. Made 34 swab runs recovered 118 bbls water & 16 bbls oil. FFL @ 2340'. TP=0, CP=660#. SI well.

10/08/07 TP=350#, CP=920#, IFL @ 1775'. Made 41 swab runs recovered 141 bbls water & 8 bbls oil. Ending TP=0, CP=620#. SI well.

10/09/07 TP=180#, CP=760#, IFL @ 1870'. Made 40 swab runs recovered 110 bbls water & 11 bbls oil. FFL @ 4080' w/ scattered fluid up hole. TP=45, CP=480#. SI well.

10/10/07 TP=550#, CP=580#, IFL @ 3440'. Made 40 swab runs recovered 71 bbls water & 9 bbls oil. FFL @ 3835'. Good gas blow between runs. Ending TP=5#, CP=495#. SI well.

10/11/07 TP=500#, CP=535#, IFL @ 3650'. Made 28 swab runs recovered 45 bbls water & 5 bbls oil. Ending TP=5#, CP=495#. FFL @ 3815'. SI well.
RDMO Swab Unit.