

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. 30-025-37653
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: Mark Owen
8. Well Number 17
9. OGRID Number 14021
10. Pool name or Wildcat Penrose Skelly Grayburg 50350

**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
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>N</u> : <u>510</u> feet from the <u>South</u> line and <u>1650</u> feet from the <u>West</u> line Section <u>35</u> Township <u>21-S</u> Range <u>37-E</u> NMPM County <u>Lea</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GR 3370'
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: ☐

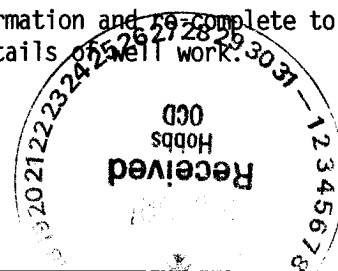
SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐

OTHER: Re-completion well work ☒

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 plug back the San Andres formation and re-complete to the Grayburg formation in the Mark Owen No. 17. 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 02/08/2007

Type or print name Charles E. Kendrix

E-mail address: cekendrix@marathonoil.com  
Telephone No. 713-296-2096

For State Use Only

APPROVED BY Chris Williams TITLE ASSISTANT SUPERVISOR/GENERAL MANAGER DATE FEB 27 2007

Conditions of Approval, if any:

2A Eunice; San Andres, S

## Mark Owen No. 17

### Plugback San Andres Re-complete Grayburg

09/27/2006 MIRU PU. Unbeam well, unseat rod pump. POOH w/ rods and pump. Kill Well Remove wellhead. Install BOPE. Unset TAC. POOH w/ tbg & production BHA. RIH w/ 20 jts for kill string. SI well.

09/28/2006 POOH w/ kill string. RIH w/ 5 1/2" CIBP & set @ 3920'. Circ hole. Test CIBP and casing to 2000 psi. PUH w/ 2 jts tbg. RU Acid pump truck. Pump 840 gals 15% HCL acid & displaced w/ 17 bbls water. POOH w/ tbg. SI well.

09/29/2006 RU Baker Atlas perforating equipment. Test lubricator to 1000 psi. RIH w/ 4" triple fire TAG gun carrier w/ TAG type 360 w/ 32 gram charges, w/ 120° phasing, w/ collar locator. Perforating top down in acid. Shot perforations w/ 2 gun run w/ 3 intervals as follows:

Interval	Feet	Shots
3670' – 3674'	4	9
3740' – 3744'	4	9
3826' – 3830'	4'	9
Totals	12'	27 shots

Assemble dump bailer and dump bail cement on top of CIPB @ 3920' RD Baker Atlas. Load casing and broke down perforations w/ acid. Pumped 20 bbls water. Bled off pressure. RIH w/ 5 1/2" pkr on 2 7/8" SN, & 115 jts 2 7/8" tbg. Set pkr @ 3588'. Test casing annulus to 500 psi. SI

10/02/2006 RU Acid pump truck. Acidize perforations w/ 1680 gals 15% HCL acid, while dropping ball sealers. Got excellent ball action. flushed w/ 40 bbls water. Bled off tbg pressure. Released pkr, & RIH w/ 9 jts tbg to knock off ball sealers. POOH w/ tbg & pkr. RIH w/ RBP on 10 jts tbg. Set RBP. POOH w/ tbg & test Blind Rams, and plug to 1000 psi. Held pressure. Remove BOPE, install Frac Valve. Pressure test frac valve, casing, wellhead, flowback manifold, and RBP to 2500 psi. Held pressure. Install BOP. RIH unset RBP. POOH w/ RBP. Close frac valve. Remove BOPE.

10/03/2006 RU Halliburton frac equip. RU stinger tree saver. Open surface casing and leave open. Test surface lines to 5000 psi. Pump flow efficiency test w/ 107 bbls gel pad. Pump gel pad total of 1192 bbls, pumped 859 bbls 1#/gal sand ramping to 8#/gal sand, pumped 118 bbls 8#/gal sand. Flushed w/ 86 bbls water. Shut in treating valve. Bled down surface lines. RD tree, Halliburton frac equip. Total load to recover 2362 bbls frac sand and load. Pumped a total of 204,140 lbs of 20/40 Ottawa sand w/ Halliburton additive Expedite 225 Flow back control added. SI well.

10/04/2006 Remove frac valve. Install BOPE. RIH & tag top of sand @ 3720'. Clean out sand f/ 3720' to 3813'. PUH above perfs to 3300'. SI well.

10/05/2006 RIH & tag sand @ 3813'. Circ hole clean to 3907'. POOH w/ tbg. Hydrotest tbg back in hole, w/ 2 jts 2 7/8" tbg (open ended), SN, Special alloy jt, 8 jts 2 7/8" tbg, TAC, & 113 jts 2 7/8" tbg. ND BOPE. Set TAC @ 3523', SN @ 3806', Bottom of tbg @ 3870'. PBD @ 3907 13' cement on CIBP @ 3920. SI well.

10/06/2006 RIH w/ rods & pump. L & T pump action. RD PU. Leave well pumping to facilities.