

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

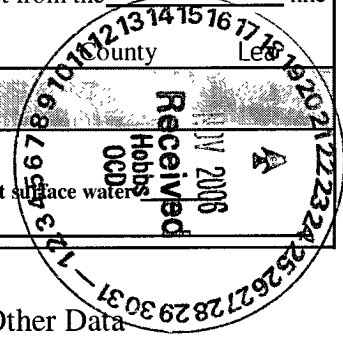
Form C-103
May 27, 2004

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

WELL API NO. 30-025-37533
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

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	7. Lease Name or Unit Agreement Name: Mark Owen
2. Name of Operator Marathon Oil Company	8. Well Number 10
3. Address of Operator P.O. Box 3487 Houston, TX 77253-3487	9. OGRID Number 14021
4. Well Location Unit Letter <u>M</u> : <u>510</u> feet from the <u>South</u> line and <u>660</u> feet from the <u>West</u> line Section <u>35</u> Township <u>21-S</u> Range <u>37-E</u> NMPM 11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>3376' Gr</u>	10. Pool name or Wildcat Penrose Skelly Grayburg (50350)
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 <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: Plug back San Andres Re-complete to Grayburg <input checked="" type="checkbox"/>

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.

Marthon Oil Company has completed operations to plug back the San Andres formation in the Mark Owen No. 10 and recomplete the well to the Penrose Skelly Grayburg pool. 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 11/16/2006
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 OCT 18 2007

Conditions of Approval, if any:

2A Eunice San Andres South

Mark Owen No. 10

Plug Back San Andres & Re-complete to Grayburg

- 10/18/2006 MIRU PU. RU Reverse unit. Set Frac Tnks. Unseat rod pump. POOH w/ rods and insert pump. SI well.
- 10/19/2006 ND wellhead. Install BOPE. Unset TAC. POOH w/ 2 7/8" tubing and production BHA. RIH w/ CIBP on 124 jts 2 7/8" tbg to 3860'. Set CIBP @ 3860' new PBTB. Circ hole clean w/ 60 bbls water. Pressure test BOP 2 7/8" pipe rams, casing, & CIBP to 2000 psi. Held Press. PUH t/ 3815' spot 840 gals 7 1/2% HCL acid & displaced w/ 15 bbls water. POOH w/ tbg. SI well.
- 10/20/2006 RU Baker Atlas. RU Lubricator and test to 1000 psi. RIH w/ 3 1/8" gun carrier w/ 311T 23 gram charges w/ 2 JSPF, 120° phasing. Perforated 3 intervals in one gun run as intervals as follows:
- | Interval | Feet | Shots |
|---------------|------|----------|
| 3650' - 3660' | 10' | 21 |
| 3722' - 3726' | 4' | 9 |
| 3808' - 3812' | 4' | 9 |
| Totals | 18' | 39 holes |
- POOH w/ guns. RIH w/ dump bailer. Dumped 20' cmt on CIBP @ 3860'. Top of cmt approx 3840'. RD Baker Atlas. Load 5 1/2" casing pressure perforations to 1600 psi. Perforations broke pumped and established rate at 3 BPM @ 1000 psi. Pumped 30 bbls water total. Bled off pressure. RIH w/ 5 1/2" pkr, 2 7/8" SN, 114 jts 2 7/8" J-55 tbg, Set pkr @ 3554'. L&T casing annulus 500 psi. Held Pressure. SI well.
- 10/23/2006 RU Acid pump truck. Test lines to 5000 psi. Pump 3 bbls water to establish rate. Switched to acid pumped 50 bbls 15% HCL acid and flushed w/ 40 bbls water. Dropped 50 ball sealers during acid job. Pressure increased to 4000 when balled out. Surged balls off and finished w/ flush. Released pkr and rih w/ 10 jts tbg to clean off any remaining balls. POOH w/ 124 jts tbg and pkr. RIH w/ RBP and 12 jts tbg. Set RBP. Test RBP to 1000 psi. Remove BOP and install frac valve. Pressure test frac valve and casing, wellhead and flowback manifold to 1000 2500 psi. Held Press. Re-install BOP. Unset RPB. POOH Remove BOP close frac valve. SI well.
- 10/24/2006 RU Halliburton frac job. RU Stinger tree saver. Test lines to 5000 psi. Start pumping frac job. Pumped 1490 bbl gel pad, pumped 857 2#/gal sand ramping to 8#/ gal. Pumped 90 bbls 8#/gal sand. Pumped 83 bbls flush. Max rate= 66 BPM, Max press = 2662 psi. SI treating valve. Bled off surface press. RD Halliburton. Total load to recover = 2520 bbls gel w/ 200,080 lbs 20/40 sand w/ Expedite 225 flowback control additive. SI
- 10/25/2006 Remove frac valve. Install BOP. RIH tag top of sand @ 3391'. Clean out sand to 3841'. Circ hole clean. POOH w/ 94 jts tbg. Leave 30 jts kill string in hole. SI well.
- 10/26/2006 POOH w/ remaining tbg. RIH Hydrotesting 2 7/8" tbg. RIH w/ Bull plugged 2 7/8" tbg sub, SN, Special Alloy jt, 8 jts 2 7/8" J-55 tbg, 5 1/2" TAC, & 112 jts 2 7/8" tbg, 22' tubing sub, 1 jt 2 7/8" tbg. Set TAC in 12 pts tension @ 3545'. SN @ 3830'. Bottom of tubing plug @ 3835'. Cmt on CIBP @ 3841'. CIBP @ 3860. RIH w/ rod insert pump, rods, and polish rod liner. Seat pump. Space out pump. Hang well on. L&T tbg and pump action. Leave well pumping to facilities.