

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. 30-025-37649
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 15
3. Address of Operator P.O. Box 3487 Houston, TX 77253-3487	9. OGRID Number 14021
4. Well Location Unit Letter K : 1650 feet from the South line and 1650 feet from the West line Section 35 Township 21-S Range 37-E NMPM County Lea	10. Pool name or Wildcat
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3374" GR	
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 checked="" type="checkbox"/>	
OTHER: <input 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.

Marathon Oil Company has completed work to drill, set, and test the production casing on the Mark Owen No. 2 well. Please see attachment for details of work performed.



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. Kendrick TITLE Regulatory Compliance Rep DATE 04/05/2006

Type or print name **Charles E. Kendrick**

E-mail address: **ckendrix@marathonoil.com**

Telephone No. **713-296-2096**

For State Use Only

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE APR 11 2006

Conditions of Approval, if any:

Mark Owen No. 15
Drill, Set, and Test Production Casing

02/15/2006 Tag cement @ 1235' drill out cement float collar, float shoe to 1275'. Drill & survey 7 7/8" open hole f/ 1275' to 2484'.

02/16/2006 Drill & survey 7 7/8" open hole f/ 2484' to 3255'.

02/17/2006 Drill & survey 7 7/8" open hole f/ 3255' to 3620'.

02/18/2006 Drill & survey 7 7/8" open hole f/ 3620' to 3966'. Trip for new bit.

02/19/2006 Repair swivel. RIH w/ new bit. Drill & survey 7 7/8" open hole f/ 3966' to 4190'

02/20/2006 Drill & survey 7 7/8" open hole f/ 4190' to 4758'.

02/21/2006 Drill & survey 7 7/8" open hole f/ 4758' to 5111'.

02/22/2006 Drill & survey 7 7/8" open hole f/ 5111' to TD @ 5320'. Circ bottoms up. Pump high viscosity sweep, spot high viscosity pill on bottom. POOH w/ BHA, DCs, DP to run logs.

02/23/2006 RU logging crew. Ran dual laterlog, neutron density porosity gamma ray. RD logging crew.

02/24/2006 RU casing crew. RIH w/ 129 jts, 5 1/2", 15.5 #, J-55, LT& C casing to 5311'. See attached casing report for further details. RU Halliburton cementers. Pump 10 bbls fresh water, 12 bbls superflush 101, 10 bbls fresh water. Pumped Lead: Interfill 'C', 750 sks, 11.80 density, 2.52 yield, 14.65 gal/sk water. Pump Tail: 450 sks Premium Plus Super CBL Class H, 15.60 density, 1.19 yield, 4.70 gal/sk water. Drop plug, pump 19 bbls of 10% MSA acid and 107 bbls freshwater. Plug bumped. Float did not hold. Re-bump plug and shut in w/ 1700 psi held against plug until cement set. Lift BOP set casing slips. WOC. Released pressure. Cut off casing & nipped up wellhead. Rigged down rig.

03/07/2006 RU Baker Atlas. RIH w/ SRAL/CCL/GR. SRAL indicated top of cement 1200' f/ surface. Tag PBTD @ 5225'. Pressure test casing to 3000 psi. Held Pressure.