

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

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

Form C-103  
May 27, 2004

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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"/>	WELL API NO. <b>30-025-31268</b>
2. Name of Operator <b>Marathon Oil Company</b>	5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator <b>P.O. Box 3487 Houston, TX 77253-3487</b>	6. State Oil & Gas Lease No. <b>A-2614</b>
4. Well Location Unit Letter <b>J</b> ; <b>2480</b> feet from the <b>South</b> line and <b>1660</b> feet from the <b>East</b> line Section <b>16</b> Township <b>22S</b> Range <b>36E</b> NMPM County <b>Lea</b>	7. Lease Name or Unit Agreement Name: <b>McDonald State A/C 1 - 16</b>
	8. Well Number <b>1</b>
	9. OGRID Number <b>14021</b>
	10. Pool name or Wildcat <b>Wildcat Grayburg</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3552' GR</b>	
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	
<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <b>Recompletion Work</b> <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.

Marathon Oil Company has completed operations to re-complete the McDonald State A/C 1 No-1 WSW well to the Grayburg formation. Marathon is also seeking to re-name this well. Please see accompanying C-104 for the details of the new name. Please see attachment for details of well work completed.

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 NMOC guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Charles E. Kendrick TITLE Engineering Technician DATE 03/13/2006  
Type or print name **Charles E. Kendrick** E-mail address: cekendrix@marathonoil.com Telephone No. **713-296-2096**

For State Use Only

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE \_\_\_\_\_  
Conditions of Approval, if any: 2A WSW: San Andres

APR 10 2006

**McDonald State A/C 1 – 16 No. 1**  
**Grayburg Re-completion Work**

- 11/11/2005     MIRU PU. Install BOPE. Set pipe racks & tbg. RU reverse unit. SI
- 11/14/2005     RIH w/ 6 1/8" bit, 7" casing scraper, & 140 jts 2 7/8" tbg to 4377'. PUH w/ bit @ 3813'. Pickle tubing w/ 10 bbls acid and flush w/ 40 bbls water. POOH. RU wireline. RIH Set CIBP @ 4060'. POOH w/ wireline. Load & Test CIBP & Csg to 1000 psi. Held Pressure. SI
- 11/15/2005     High wind shut down work.
- 11/16/2005     RU wireline. Perforate f/ 3889' to 3993' w/ 3 1/8" slick gun, 1 SPF, 120° Phasing (24 holes). RD wireline. RIH w/ 7" Pkr, Hydrotested 140 jts tgb in the hole. Circulate hole, PUH, leave pkr swinging @ 3850' on 123 jts tbg. SI
- 11/17/2005     RIH w/ Pkr & tbg to 3995'. Spot 6 bbls 15% HCL acid. PUH. Set Pkr @ 3788' on 121 jts. Tested casing annulus to 1000#. Pump into perforations. Displace acid. Swab 40 bbls water load back. SI well RD PU
- 11/21/2005     MIRU PU. Install Frac valve and elevators.
- 11/22/2005     RU Halliburton. Acidize f/ 3889' to 3993' w/ 95 bbls 7 1/2% HCL acid @ 20.4 BPM @ 2489 psi. Sand Frac w/ 842 bbls gel @ 19.5 BPM @ 3288 psi. SI well. RD Halliburton. Load = 772 bbls.
- 11/23/2005     RIH w/ sand line to 3788'. Tbg clear. POOH w/ Pkr & tbg. RIH w/ notched collar & 127 jts 2 7/8" tbg. Tag top of sand fill @ 3968'. Circulate sand to 4060' PBTD. Circ hole clean. POOH. RIH w/ mud joint, seating nipple, special alloy joint, 2 jts 2 7/8" tbg, TAC, and 120 jts 2 7/8" tbg. SI.
- 11/28/2005     ND BOPE. Set TAC in 15 pts tension. Install well head. TAC Set @ 3738', Seating nipple @ 3835', Bottom of tubing @ 3867'. Pick up rods and RIH w/ 2" RWBC pump w/ 1.5" gas anchor. Hung well on. Load & test pump and tubing to 1000 psi. Held w/ good pump action. Left well waiting on pumping unit to be set.
- 11/30/2005     Finish Install Pumping Unit and flowlines. Start well to production.