

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. 30-025-25884	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. A-2614	
7. Lease Name or Unit Agreement Name: McDonald State A/C 2	
8. Well Number 29	
9. OGRID Number 14021	
10. Pool name or Wildcat DHC Blinberry(06660)/Drinkard(19190)	

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"/>	
2. Name of Operator Marathon Oil Company	
3. Address of Operator P.O. Box 3487 Houston, TX 77253-3487	
4. Well Location Unit Letter H : 1800' feet from the North line and 330' feet from the East line Section 13 Township 22-S Range 36-E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL 3452'	
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: ☐

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 has completed work to squeeze the casing leak and downhole commingle the McDonald State A/C 2 No. 29 well as per DHC permit No. HOB-0093. Please see attachment for details of well 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 Engineering Technician DATE 12/21/2004

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

E-mail address: cekendrix@marathonoil.com

PETROLEUM ENGINEER Telephone No. 713-296-2096
FEB 02 2005

For State Use Only

APPROVED BY [Signature] TITLE _____ DATE _____

Conditions of Approval, if any:

McDonald State A/C 2 No. 29
Repair Casing Leak / Downhole Commingle
Blinebry (06660) & Drinkard (19190)

09/24/2004 RU Pulling Unit. Install BOPE. RIH w/ pkr & 4 jts tbgs set packer @ 125' from surface. Test casing between packer and CIBP @ 5315' t/ 500 psi. Held pressure. POOH w/ pkr and tubing. Flange up wellhead. RU reverse unit. Start pumping water down casing, established rate of 4 bpm @ 500 psi. Pumped 120 bbls water of 4 bpm @ 500#. No sign of water circulating up open braden head. SI

09/27/2004 Check casing pressure, unload work string, SI waiting on Triple N services.

09/28/2004 RU Triple N Services. Pump 65 sks cmt w/ 4% gel, 2% CaCl, ¼ pps Cellophane (19.6 bbls slurry) @ 4 bpm @ 400 psi. Displaced w/ ½ water. RD cementers. SI

09/29/2004 Check casing pressure. Pressure = 0. Change well head, install BOP. Unload 2 7/8" tubing. SI

09/30/2004 RIH w/ bit & drill collar. Drill cement f/ 18' to 77'. Circ hole clean. Pressure test casing to 500 psi. Held Pressure. POOH w/ bit and DC. RIH w/ Seating nipple & 65 jts. Tubing. SN @ 2023'. RU swab. SI

10/01/2004 Swab test casing leak. No inflow. RD swab. RIH w/ bit, DC, and tubing. Tagged CIBP @ 5315' drill on CIBP. SI

10/04/2004 Drill CIBP @ 5315'. CIBP fell downhole to 5656'. Circulate hole @ 4 bpm took 100 bbls to fill. Losing 2 bbl to formation. PU w/ bit above perfs. SI

10/05/2004 RIH w/ bit & drill collar. Tried to circ hole. Bit plugged. POOH unplug bit and drill collar. RIH left hanging at 5327'. SI

10/06/2004 Cont in hole tagged CIBP @ 5656'. Drill CIBP f/ 5656' to 5681'. POOH w/ bit. Bit worn down in center. RIH w/ Cone buster bit. Left hanging @ 5327' above perfs. SI

10/07/2004 Cont in hole w/ cone buster bit. Tag CIBP @ 5681'. Circ hole w/ air. Drill CIBP f/ 5681' to 5682'. POOH w/ bit and tubing. Cone buster worn in center. RIH w/ kill string. SI

10/08/2004 POOH w/ kill string. RIH w/ tbgs, 4 ¾" shoe w/ wire fingers and diamonds, 2 jts wash pipe, bumper sub and jars. Tagged top of fish @ 5682'. Mill over fish and scale fill f/ 5682' to 5813'. Dropped out of scale fill. RIH to fill tagged at 6212'. Clean out fill f/ 6212' to 6369. Pick up above perfs. SI

10/09/2004 POOH w/ tbg and BHA had caught 1 jt tbg. RIH w/ bit, BHA. Tag CIBP @ 6369'. Drill CIBP & Clean to plug back TD @ 6672'. Pull up above perms. SI

10/11/2004 POOH w/ tubing, BHA. RIH w/ mud joint, seating nipple, and production tubing. Bottom of mud joint @ 6643', seating nipple @ 6123, tubing anchor @ 5336'. Remove BOP and flange up wellhead. RIH w/ insert pump and rod string. SI

10/12/2004 Finish in hole w/ rods, seat pump, hang well on and start to production.



PBTD @ 6672'

Well Name & Number:	McDonald State A/C 2 No. 29		Lease	McDonald State A/C 2	
County or Parish:	Lea	State/Prov.	New Mexico		Country: USA
Perforations: (MD)	5460' - 5472' * 6485'-6653'		(TVD)	6710'	
Date Completed:	10/12/04			RKB:	
Prepared By:	Charles Kendrix		Last Revision Date:	12/22/04	