

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. 30-025-06689
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: Dayton Hardy
8. Well Number 3
9. OGRID Number 14021
10. Pool name or Wildcat Paddock (49210)

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	11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3494' GR
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>J</u> : <u>1980</u> feet from the <u>South</u> line and <u>1980</u> feet from the <u>East</u> line Section <u>20</u> Township <u>21-S</u> Range <u>37-E</u> NMPM County <u>Lea</u>	
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-complete to Paddock Formation ☒

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 downhole commingled Blinberry / Drinkard formations in the Dayton Hardy No. 3 and re-complete the well to the Paddock 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 Regulatory Compliance Rep DATE 07/19/2006

Type or print name Charles E. Kendrix

E-mail address: ckendrix@marathonoil.com

Telephone No. 713-296-2096

For State Use Only

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE AUG 04 2006

Conditions of Approval, if any:

2A Blinberry Dil - & Drinkard

Dayton Hardy No. 3

Plug back Blinebry/Drinkard Re-complete to Paddock

- 01/26/2006 MIRU PU. POOH w/ rods & rod pump. Lay down rods on ground. SI well.
- 01/27/2006 Remove wellhead install BOPE. Shear TAC. Pump hot water down tbq. POOH w/ 177 jts 2 3/8" tbq, TAC, 32 jts 2 3/8" tbq, SN, and mud jt. RIH w/ 4 3/4" bit, 5 1/2" casing scraper, SN, & 210 jts 2 3/8" tbq. Bottom of Bit @ 6600'. POOH & stand back tbq, laid down casing scraper & bit. RIH w/ 20 jt kill string. SI well.
- 01/28/2006 POOH w/ kill string. RIH w/ CIBP on 176 jts 2 3/8" tbq. Set CIBP @ 5503'. PUH one jt. Circ hole clean w/ 120 bbls fresh water. Test CIBP & casing to 500 psi. PUH w/ tbq. Spotted 6 bbls 10% Acedic acid displaced to bottom w/ 16 bbls brine water. RD acid truck.. POOH laid down tbq. SI well.
- 01/30/2006 RU wireline. Run 3 1/8" slick guns w/ 311T 23 gram charges w/ 1 JSPF, 120° phasing w/ collar locator. Perforated six intervals in five gun runs top to bottom (perforated in acedic acid 100 gals). Intervals as follows:
- | Interval | Feet | Shots |
|-------------|------------|-----------|
| 5240'-5266' | 26' | 26 |
| 5280'-5288' | 8' | 8 |
| 5295'-5305' | 10' | 10 |
| 5315'-5330' | 15' | 15 |
| 5335'-5345' | <u>10'</u> | <u>10</u> |
| Totals | 69' | 69 |
- SI well.
- 01/31/2006 Change out BOP rams to 3 1/2". RIH w/ 5 1/2" pkr on 3 1/2" work string. Hydrotesting to 8000 psi. Set Packer @ 4335' on 136 jts 3 1/2" tbq. Load and test casing annulus to 500 psi. SI well.
- 02/01/2006 RU kill truck. Lest lines to 5000 psi. Break down perfs @ 3400 psi. Displace acedic acid w/ 20 bbls water @ 2 BPM. SI well RDMO PU. Waiting on frac job availability.
- 02/03/2006 MIRU PU. SD
- 02/04/2006 RU Halliburton Frac equipment. Pressure test surface line to 9000 psi. Start pumping acid. Pumped 3000 gals 7 1/2% HCL acid @ 6 BPM @ 2000 psi. Displaced acid w/ 59 bbls gel to top perforation. Wait 15 minutes on acid. Start pumping pad. Establish injection rate of 30 BPM @ 3736 psi. Pumped Pad of 382 bbls. Pumped frac of 620 bbls 1lb/gal sand ramping to 5 lb/ gal sand. Pumped 190 bbls 5 lb/gal sand. Pumped 59 bbls flush. Rig down Halliburton frac services. Total load to recover 1319 bbls acid & sand frac load combined. PUPed 100,300 lbs Premium Brown 20/40 sand w/ Halliburton additive Expedite 225 Flow Back control added. SI Well.

02/06/2006 Check tbg press. Well on vacuum. Unset Pkr. POOH laid down 3 ½" tbg & pkr. RIH w/ notched collar and bailer on 168 jts 2 7/8" tbg. Leave bottom of notched collar @ 5150' SI.

02/07/2006 Cont in hole w/ bailer. Tag sand fill @ 5380'. Bailed sand to PBTD @ 5499' (wireline depth). POOH w/ bailer. RIH w/ Mud jt, SN, 1 special alloy jt, 2 jts 2 7/8" tbg, 2 7/8" X 5 ½" TAC, and 167 jts 2 7/8" tbg. Remove BOPE. Set TAC in 10 pts tension @ 5105', SN @ 5198', bottom of Mud jt @ 5229'. Install well head. SI well.

02/08/2006 RIH w/ rod pump & rods. Hang well on load & test pump action. Leave well down waiting on pumping unit to be set.

02/10/2006 Pumping Unit set and started well to facilities @ 4:00 pm.