

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

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| WELL API NO. 30-025-36964 |
| 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 6 |
| 9. OGRID Number 14021 |
| 10. Pool name or Wildcat Penrose Skelly Grayburg (50350) |

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"/> | 7. Lease Name or Unit Agreement Name: Dayton Hardy |
| 2. Name of Operator Marathon Oil Company | 8. Well Number 6 |
| 3. Address of Operator P.O. Box 3487 Houston, TX 77253-3487 | 9. OGRID Number 14021 |
| 4. Well Location Unit Letter I : 2310' feet from the South line and 720' feet from the East line Section 20 Township 21-S Range 37-E NMPM County Lea | 10. Pool name or Wildcat Penrose Skelly Grayburg (50350) |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3489' GL | |
| 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 checked="" type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: Acidize, Frac, Start Producing <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 bring the newly drilled Dayton Hardy No. 6 to production. The well was perforated, acidized, and fracture treated to bring it to production. Please see the attachment for details of the completion 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 Engineering Technician DATE 06/28/2005
Type or print name Charles E. Kendrix E-mail address: cekendrix@marathonoil.com Telephone No. 713-296-2096

For State Use Only

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE JUL 14 2005
Conditions of Approval, if any:

**Dayton Hardy No. 6
Perforate, Acidize, and Fracture
Put on Production**

05/26/2005 Rig up Baker Atlas. Install lubricator and test. RIH w/ 3 1/8" slick Gun w/ 311T w/ 23 gram charges shot @ 1 JSPF, 120° phasing correlated to logs w/ collar locator. Perforate well in 7 runs w/ the following intervals:

| Interval | Ft/ Interval | Shots / Interval |
|---------------|--------------|------------------|
| 3750' – 3754' | 4' | 4 |
| 3770' – 3774' | 4' | 4 |
| 3796' – 3800' | 4' | 4 |
| 3824' – 3828' | 4' | 4 |
| 3846' – 3848' | 4' | 4 |
| 3862' – 3866' | 4' | 4 |
| 3886' – 3890' | 4' | 4 |
| 3910' – 3916' | 6' | 6 |
| 3926' – 3928' | 2' | 2 |
| 3934' – 3948' | 14' | 14 |
| 3955' – 3957' | 2' | 2 |
| Total | 52' | 52 shots |

Rigged down Baker Atlas, RU kill truck. Load 5 1/2" casing and pressured up to 2000 psi. Broke down perforations and pumped 70 bbls water into perfs @ 5 bpm @ 1000 psi. Rigged down kill truck. SIFN

05/30/2005 Rigged up Haliburton acidizing equipment. Tested lines to 5000 psi. Load casing casing w/ 20 bbls water. Break down perforations @ 2100 psi. Establish injection rate o 15 bpm @ 1750 psi. Acidized Grayburg interval 3750' to 3955' w/ 4200 gals 7 1/2% HCL Acid. Dropped 29 ball sealers saw no ball action. Displaced w/ 100 bbls bbls fresh water. Rigged down Haliburton. Rigged up Baker Atlas wireline. Retrieved 23 ball sealers w/ junk basket on wireline. Rigged up Haliburton sand frac equipment. Tested lines to 5000 psi. Start pumping frac job. Break down perfs @ 25 bpm @ 1500 psi. Established injection rate of 57 bpm @ 1750 psi. Pumped pad 619 bbls @ 57 bpm @ 1655 psi. Pumped 119 bbls 1#/ gal sand @ 57 bpm @ 1717 psi. Pumped 167 bbls 2# / gal sand @ 57 bpm 1633 psi. Pumped 165 bbls 3# /gal sand @ 57 bmp @ 1629 psi. Pumped 168 bbls 4# / gal sand @ 57 bpm @ 1647 psi. Pumped 190 Bbls 5 # / gal sand @ 57 bpm @ 1724 psi. Pumped 263 bbls 6#/gal Sand @ 57 bpm @ 1885 psi. Pumped 85 bbls flush @ 44 bpm @ 1923 psi. Pumped a total of 157,860 lbs Premium Brown – 20/40 Sand w/ Expedite 225 Flowback Control added. SI

- 06/01/2005** **Changed out BOPE stack. Set pipe racks and tubing. RIH w/ 4 3/4" blade bit, bit sub, and 124 jts tubing. Tagged top of sand fill at 3948'. PUH 20 jts. SI**
- 06/02/2005** **RU reverse unit. Tagged top of sand. Circulate out sand f/ 3948 to 4095' (PBTD). POOH w/ bit assembly and tubing. RIH w/ mudjoint, seating nipple, alloy joint, 2 jts 2 7/8" tubing, tubing anchor, 112 jts 2 7/8" tubing. SI**
- 06/03/2005** **Remove BOPE. Set Tubing Anchor. Anchor @ 3592', Seating nipple @ 3691', and bottom of tubing @ 3720'. RIH w/ rod insert pump, 10 - 1" steel rods, 97 - 7/8" steel rods, and 41 - 1" steel rods. Seat and space out pump. Hang on well. Load and test pump action. Waiting on electric motor to be set. SI**
- 06/08/2005** **Installed electric motor on pumping unit and turned well to production at Dayton Hardy Battery.**