

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

WELL API NO. <b>30-015-30097</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. <b>V-992</b>
7. Lease Name or Unit Agreement Name: <b>Indian Basin "32" State</b>
8. Well Number <b>2</b>
9. OGRID Number <b>14021</b>
10. Pool name or Wildcat <b>Indian Basin Upper Penn Associated</b>

**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 type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>	RECEIVED JAN 24 2006 OCD-ARTESIA
2. Name of Operator <b>Marathon Oil Company</b>	
3. Address of Operator <b>P.O. Box 3487 Houston, TX 77253-3487</b>	
4. Well Location Unit Letter <b>J</b> : <b>2000</b> feet from the <b>South</b> line and <b>1650</b> feet from the <b>East</b> line Section <b>32</b> Township <b>21-S</b> Range <b>24-E</b> NMPM County <b>Eddy</b>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>4214' GL</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

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 Company has completed operations to add perforations and acid treat the Indian Basin "32" State No. 2 in the Indian Basin Upper Penn Associated pool. Please see attached document for work details.**

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 01/19/2006  
Type or print name **Charles E. Kendrick** E-mail address: cekendrix@marathonoil.com Telephone No. **713-296-2096**

For State Use Only

FOR RECORDS ONLY

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JAN 25 2006  
Conditions of Approval, if any:

## Indian Basin "32" State No. 2 Add Perforations and Acidize

- 08/01/2005 Move in rig up pulling unit.
- 08/02/2005 RIH w/ production string attempt to catch RBP. Failed. POOH laid down ESP. Made two attempts to RIH w/ over-shot to catch RBP. Failed.
- 08/03/2005 RIH w/ wash pipe and overshot caught RBP POOH. Laid down RBP. RIH w/ 5 3/4" shoe w/ external cut rite to 6 1/8", on six 4 1/2" drill collars. Tag up 2<sup>nd</sup> RBP. RU swivel & milled approx 6". PUH above perfs SI
- 08/04/2005 RIH resumed milling on RBP. Milled 5 hrs RBP fell 45' and hung up. Milled for 1 more hour and RBP fell 7 feet to 8332'. This gives 90' of working depth below perfs. POOH laying down collars and mill. RIH w/ killstring SI.
- 08/05/2005 POOH w/ killstring. RU Baker Atlas perforators. Installed 7" frac valve and lubricator. Tested lubricator to 1000 psi. Held. RIH and pulled GR-CCL log from 8332' to 7870'. Correlating to original open hole log. Perforated new Upper Penn perfs in 7 intervals w/ 6 gun runs using 4 JSPF, 120° phasing, w/ 3 3/8" guns w/ 311T 23 grain charges as follows:
- | Interval      | Feet       | Shots     |
|---------------|------------|-----------|
| 7976' - 7989' | 13         | 52        |
| 7993' - 7996' | 3'         | 12        |
| 7996' - 8020' | 24'        | 96        |
| 8075' - 8097' | 22'        | 88        |
| 8146' - 8169' | 23'        | 96        |
| 8197' - 8221' | 24'        | 96        |
| 8221' - 8242' | <u>21'</u> | <u>84</u> |
| Totals        | 130        | 524       |
- Gun #4 was expanded enough to require killing well to remove lubricator. Gun # 5 was extremely expanded. Gun # 6 showed some expansion. RIH w/ junk basket and gauge ring to PBTD no problems. Rigged down lubricator and frac valve. RD Baker Atlas. Run killstring. SI.
- 08/06/2005 Cont. in hole w. tubing and 7" PPI tools. Rigged up Halliburton acid job. Tested lines to 5000 psi. Pickled tubing w/ 1000 gals acid. Dropped standing valve and tested tubing to 1000 psi. Dropped FC valve displaced acid to tools. Acidized perfs in 67 2' settings w/ ~250 gals/ setting of 15% CCA sour acid. Total acid = 17,500 gals w/ avg treat rate 1.8 bpm and tubing pressure of 792 psi. RD Halliburton. Released PPI packers PUH above perfs. SI.

08/08/2005 Pick up sub equipment. Waiting on cable. SI.

08/09/2005 RIH w/ sub pump, and two coil tubing strings. Bottom of pump @ 8303'.  
Put well back on production.