

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. <b>30-015-34077</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. <b>V-0993</b>
7. Lease Name or Unit Agreement Name: <b>Indian Basin "32" State</b>
8. Well Number <b>5</b>
9. OGRID Number <b>14021</b>
10. Pool name or Wildcat <b>Indian Basin U. Perm Assoc. (33685)</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 18 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>D</b> : <b>629'</b> feet from the <b>North</b> line and <b>822'</b> feet from the <b>West</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>3801'</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: **New Completion / Production start up** ☒

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 Indian Basin "32" State No. 5 to production from the Indian Basin Upper Perm Associated pool. 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 12/27/2005

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 19 2006**

Conditions of Approval, if any:

## Indian Basin "32" State No. 5 Initial Well Completion

08/22/2005 TOH w/ 2 3/8" L80 tubing, laid down bit, casing scraper, and drill collars. Rig up Haliburton Logging Services. Logged well w/ Compensated Spectral Gamma Ray & Dual Spaced neutron tool.

08/23/2005 RIH w/ 256 jts. 2 3/8" L80 tubing. ND BOPs. PU Hanger and install on well head. Rigged down PU.

08/29/2005 MIRU PU. NU BOPs. POOH w/ 256 jts 2 3/8" tubing. RU Baker Atlas. Tested lubricator to 1000 psi. Perforated well w/ 311T 23 gram charges w/ 4 JSPF w/ 120° phasing in ten gun runs as follows:

Interval	Feet	Shots
7812' – 7822'	10'	40
7835' – 7872'	37'	148
7887' – 7921'	34'	136
7928' – 7935'	7'	28
7949' – 7957'	8'	32
7965' – 8050'	85'	340

Shut in finish perforating next day.

08/30/2005 Finished perforating upper section of zone as follows.

Interval	Feet	Shots.
7472' – 7502'	30'	120
7522' – 7566'	44'	176
7644' – 7654'	10'	40
7670' – 7694'	24'	96
7705' – 7709'	4'	16
7726' – 7746'	20'	80
<u>7794' – 7798'</u>	<u>4'</u>	<u>16</u>
14 intervals	327'	1308 shots

PU 7" PPI packer w/ mechanical collar locator. RIH on 246 jts of 2 7/8" tubing. Left packer swinging above perforations. SI.

08/31/2005 TIH w/ PPI Packer w/ collar locator to 8082'. Dropped Standing valve load tubing w/ fresh water. Tested surface lines, tubing, and packer to 4000 psi. Dropped retrievable fluid control valve (RFC). PUH to first setting 8046'-8050''. Function test valve Open 1600 psi close 630 psi. Switched to 15% Carbonate Completion Acid PUH acidizing first 46 settings in 4' intervals w/ ~500 gals per interval. Pumped 23,000 gallons today. Average break press 1550 psi. Flushed and shut down.

- 09/01/2005 Continued up hole acidizing remaining perforations in 4' intervals w/ ~500 gals per interval f/ 7836' to 7472'. Today 46 intervals w/ 21,000 gals 15% Carbonate Completion Acid. Average break press 2570 psi. Well began gassing and casing had to be killed. POOH w/ 220 jts tbg. Left packers swinging on killstring. SI
- 09/02/2005 Cont POOH w/ PPI packers. Picked up SUB pump RIH w/ sub, seating nipple, and 253 jts 2 3/8" L-80 tubing. Seating Nipple @ 8210', Intake / gas separator on sub pump @ 8250'. Ran in w/ 1 stainless steel coil tubing string for chemical treating. Bottom of CT string is @ 7540'. Landed tubing on hanger. Slugged well with 10 gal chemical at landing. Hooked well up to flowline and started pump. Well left producing to battery.