

Submit 3 Copies To Appropriate District

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

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

WELL API NO. 30-025-24943
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: Lou Worthan
8. Well Number 13
9. OGRID Number 14021
10. Pool name or Wildcat Drnk/ Wantz Granite Wash/ Wantz Abo

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 _____

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 DHC <input type="checkbox"/>	7. Lease Name or Unit Agreement Name: Lou Worthan
2. Name of Operator Marathon Oil Company	8. Well Number 13
3. Address of Operator P.O. Box 3487 Houston, TX 77253-3487	9. OGRID Number 14021
4. Well Location Unit Letter <u>C</u> : <u>330</u> feet from the <u>North</u> line and <u>2080</u> feet from the <u>West</u> line Section <u>11</u> Township <u>22S</u> Range <u>37E</u> NMPM County <u>Lea</u>	10. Pool name or Wildcat Drnk/ Wantz Granite Wash/ Wantz Abo
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3362' GL	

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 type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: Downhole Commingle three pools <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 add the Wantz Granite Wash Pool to the existing Drinkard and Wantz Abo Pools as permitted by DHC HOB-0112. Please see the attached document describing the 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. Kendrix TITLE Engineering Technician DATE 05/03/2005

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 MAY 13 2005

Conditions of Approval, if any:

Lou Worthan No. 13

**Unit C. Section 11, T-22-S, R-37-E
Lea County, NM**

- 04/06/2005** RU service unit. Unbeam Pumping unit. Unseat Pump. Laydown polish rod and one 7/8" steel rod. Reinstall Polish Rod and stuffing box. SDFN. Leave annulus flowing to gas sales overnight.
- 04/07/2005** Open well. Remove polish rod. POOH w/90 – 7/8" rods, 102-3/4" rods. Laid down 70 – 5/8" rods and pump Nipple down well head. Install BOPE. POOH w/ 154 Jts 2-3/8" J-55 Tubing, 41 Jts 2-3/8" seal lock tubing, TAC, 28 Jts 2-3/8" seal lock tubing, Seating Nipple, and perforated bull plugged mud joint. PU 3-3/4" shoe, 4 -3-1/8" DP, and 185 joints 2-3/8" J-55 tubing. Left shoe swinging @ 5985' installed tubing stripper head and rubber. Shut in and secure well.
- 04/08/2005** RU circulating flowline to blow down tank. RU air unit. Circulate well with air. Broke circulation. Unload well above perforations before RIH to tag top of fill on RBP. Continue in well with 36 Jts 2-3/8" tubing. Total bottom hole assembly in hole is 3-3/4" shoe, 4 – 3-1/8" DP, and 221 joints 2-3/8" J-55 tubing. Tagged top of fill on RBP with shoe @ 7072' on BH and 221 hts tbg. RU air unit. Circulate well with air. Broke circulation. Unload well. Clean out 8' fill down to top of RBP @ 7081'. Kill well. RD power swivel. PUH w/ 36 jts 2-3/8" J-55 tubing. Above all perforation with shoe. Shut in and secure well.
- 04/09/2005** Blow down casing pressure. POOH w/ 185 jts tubing, laid down jars, extension, and shoe. RIH w/ RBP retrieving head and 225 joints 2-3/8" J-55 tubing. Tagged top of fill on RBP with shoe @ 7075' on 225 jts tbg. RU air unit. Circulate well with air. Broke Circulation. Unload well. Clean out 6' fill down to top of RBP @ 7081'. Latched on to RBP and unset RBP. PUH w/ 64 jts 2-3/8" J-55 tubing. Above all perforation with RBP. Shut in and secure well.
- 04/11/2005** Blow down casing pressure. POOH w/ 157 jts tubing and retrieving head. RIH w/ 3-3/4" short catch w/ 2-5/8" grapple, bumper sub, jars, 4- 3-1/8" drill collars, and 221 joints 2-3/8" J-55 tubing. Tagged top of RBP with overshot @ 7081' on 221 jts tbg. RU air unit. Circulate well with air. Broke circulation. Unload well. Dusted off top of RBP @ 7081'. Latched on to RBP and Unset RBP. POOH w/ 221 jts 2-3/8" tubing, 4 -3-1/8" drill collars, jars, bumper sub, 3-3/4" OD overshot w/ 2-5/8" grapple w/ fish in grapple. Laid down fish and tools. RIH w/ 3-7/8" mill tooth bit, bit sub, 4-3-1/8" drill collars, and 160 joints 2-3/8" J-55 tubing. Shut in and secure well.
- 04/12/2005** RU air unit. Circulate well with air. Broke Circulation. Unload well. RD swivel. RIH w/ 68 Jts 2-3/8" tubing. Tag w/ 3-7/8" mill tooth bit, Bit sub, 4 -3-1/8" Drill collars, and 231 joints 2-3/8" tubing. Tagged top of fill with bit @ 7340' on 231 jts tbg. Ru Swivel. RU air unit. Circulate well with air. Could not get circulation to clean out fill from 7340' to 7360'. RD swivel. Top of fill (PBTD) @ 7340' PUH w/ 68 Jts 2-3/8" tubing. Left bit swinging @ 5100' on DC's and 163 Jts tubing. Shut in and secure well.

Lou Worthan No. 13

**Unit C. Section 11, T-22-S, R-37-E
Lea County, NM**

- 04/13/2005** Bled pressure and killed well. POOH w/ tubing, drill collars, bit. RIH w/ 69 Jts 2-3/8" seal lock tubing. POOH w/ tubing and lay down seal lock tubing. Rigged up tubing testers. Tested tubing into the hole at 5000#. RIH w/ 2-3/8 orange peeled perforated mud joint, 2-3/8" seating nipple, 2-3/8" special alloy enduroalloy joint, and 232 Jts 2-3/8" J-55 tubing. Hydro tested first 164 jts old tubing. Landed bottom of tubing @ 7305' (35' off PBTD top of fill @ 7340'). Original PBTD @ 7360' (20' fill). RD tubing tester. ND BOP, NU WH, rigged up to run rods and pump. Shut in and secure well.
- 04/14/2005** Open well up. RIH w/ 1.25" pump, 12-7/8" steel KD rods, 190-3/4" steel KD rods, and 88-7/8" steel rods. Seated pump. Hung well on. Spaced out and load & tested to 1000#. Cleaned and inspected location. Secured well.
- 04/15/2005** RDMO pulling unit. Leave well producing to production facilities.