

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  
March 4, 2004

| SUNDRY NOTICES AND REPORTS ON WELLS<br>(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:<br>Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <b>Downhole Commingle</b>  | 7. Lease Name or Unit Agreement Name:<br><b>Lou Worthan</b> |
| 2. Name of Operator<br><b>Marathon Oil Company</b>   | 8. Well Number<br><b>11</b>                                 |
| 3. Address of Operator<br><b>P.O. Box 3487, Houston Texas 77253-3487</b>   | 9. OGRID Number<br><b>14021</b>                             |
| 4. Well Location<br>Unit Letter <b>F</b> : <b>1905</b> feet from the <b>North</b> line and <b>2055</b> feet from the <b>West</b> line<br>Section <b>11</b> Township <b>22-S</b> Range <b>37-E</b> NMPM County <b>Lea</b> | 10. Pool name or Wildcat<br><b>Drinkard/Blinebry/Tubb</b>   |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br><b>3359' GL</b>  |   |

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit location: UL \_\_\_\_\_ Sect \_\_\_\_\_ Twp \_\_\_\_\_ Rng \_\_\_\_\_ Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_  
Distance from nearest surface water \_\_\_\_\_ Below-grade Tank Location UL \_\_\_\_\_ Sect \_\_\_\_\_ Twp \_\_\_\_\_ Rng \_\_\_\_\_ ;  
\_\_\_\_\_ feet from the \_\_\_\_\_ line and \_\_\_\_\_ feet from the \_\_\_\_\_ line

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: **Downhole Commingle** ☒

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 work to downhole commingle the Lou Worthan No. 11 in accordance with DHC order No. HOB-0066. The well is now producing from the Drinkard (19190), Blinebry (06660), & Tubb Oil & Gas (86440). Please see attachment for details of well work completed.**

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 06/10/2004

E-mail address: cekendrix@MarathonOil.com

Type or print name Charles E. Kendrick

Telephone No. 713-296-2096

(This space for State use)

APPROVED BY [Signature]

PETROLEUM ENGINEER

JUN 30 2004

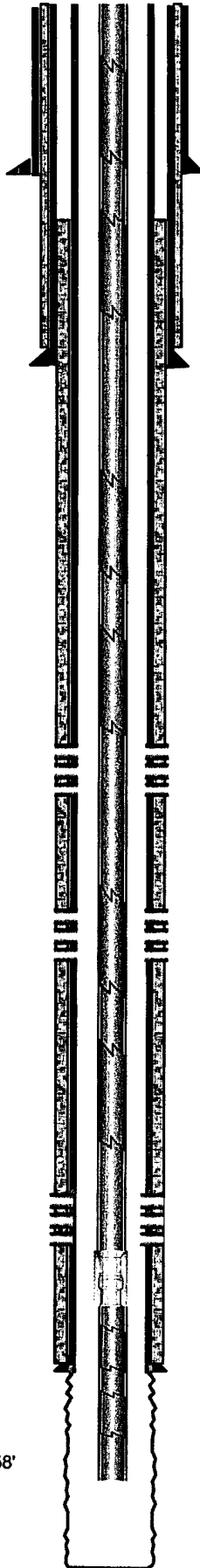
Conditions of approval, if any:

**Lou Worthan No. 11 DHC**  
**Drinkard 19190 – Blinebry 06660 – Tubb 86440**  
**Well work detail**

- 02/02/2004 Rig up service unit. POOH w/ rods and pump.
- 02/03/2004 POOH w/ production tubing. RIH w/ 4 3/4" Milltooth bit, 6 3 1/2" drill collars, and 2 7/8" L-80 workstring.
- 02/04/2004 Cont. in hole w/ workstring. Tagged CIBP @ 5769'. Drilled out CIBP 5769' to 5771'. RIH tagged @ 6127'. Drilled 6127 to 6128'. RIH tagged CIBP @ 6157'. Drilled on CIBP.
- 02/05/2004 Tripped out of hole. Bit damaged by junk on top of CIBP. RIH w/ magnet on sandline. Brought up small chips on magnet. RIH w/ diamond tipped shoe.
- 02/06/2004 Drill from 6157' to 6169'. POOH w/ bit and assembly. RIH kill string. SI
- 02/09/2004 RIH w/ 4 1/2" shoe, jt. wash pipe, jars, DC, and tubing. Tag @ 6166. Drill from 6166' to 6178'. Pull up hole w/ 10 pts drag. Hung up on casing collar lost drag. POOH 140 jts. SI
- 02/10/2004 POOH w/ tubing and drilling assembly. Found two sinker bars, one 6', one 5', and one 3" piece. RIH w/ shoe, wash pipe, DC, and tubing. Tag up @ 6178'. Drill f/ 6178' to 6180' fell out of CIBP. Cont. in hole tagged up @ 6305'. Drilled made 8' to 6313'. Acted like sand bridge. Pull up hole SI.
- 02/11/2004 Run back in hole drill/ wash from 6313' to 6477'. Tagged PBTD @ 6477'. Pull up hole laying down work string. W/ 50 jts kill string in hole. SI.
- 02/16/2004 POOH layed down 50 jt kill string. RIH w/ mud joint, seating nipple, 1 jt ceramic tubing, 203 jts production tubing. Seating nipple @ 6438'. Bottom of tubing assembly @ 6458.
- 02/17/2004 RIH w/ pump and 244 3/4" rods. Hung well on and started producing.



Marathon Oil Company  
Lou Worthan No. 11 DHC  
17-Feb-04



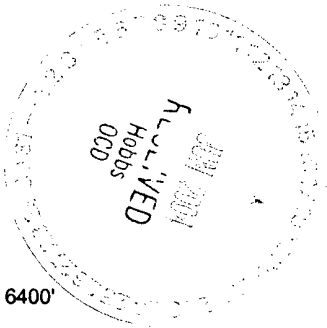
Surface Casing  
13 3/8" 48# set @ 300' Cmt w/ 250 sks

Top of Cement on production  
casing @ 2000' from surface

Intermediate Casing  
8 5/8" 32# H-40 set @ 2800' Cmt w/ 1500 sks

Blinebry perms 5377' - 5759'

Tubb Perfs 5777' - 6090'



Upper Drinkard Perfs 6202' - 6400'

Seating Nipple @ 6438'

Production Casing  
5 1/2" 17# Set @ 6417' Cmt w/ 800 sks

Bottom of Tubing @ 646458'

Lower Drinkard Open Hole 6417' - 6477'

4' fill 6477' to 6481'  
TD 6481'

|                     |  |             |                     |             |      |
|---------------------|--|-------------|---------------------|-------------|------|
| Well Name & Number: | Lou Worthan No. 11                     |             | Lease               | Lou Worthan |      |
| County or Parish:   | Lea                                    | State/Prov. | New Mexico          | Country:    | USA  |
| Perforations: (MD)  | 5377'-5759'/5777'-6090' / 6202' -6400' |             | (TVD)               | 6481'       |      |
| Date Completed:     | 02/17/04                               |             |                     |             | RKB: |
| Prepared By:        | Charles Kendrix                        |             | Last Revision Date: | 06/10/04    |      |