

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
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  
Revised June 10, 2003

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-025-25568
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 #18
9. OGRID Number
10. Pool name or Wildcat Wantz (Abo), Wantz (Granite Wash) & Tubb

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 ☐ Gas Well ☐ Other ☐

2. Name of Operator  
Marathon Oil Company

3. Address of Operator  
P.O. Box 3487 Houston, TX 77253

4. Well Location

Unit Letter H : 1,905' feet from the North line and 860' feet from the East line

Section 11 Township 22s Range 37E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3,355' - GL

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: Downhole Commingle ☒

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 requests authorization to recomplete the Lou Worthan #18 to the Wantz (Abo) and downhole commingle with the existing Wantz (Granite Wash) & Tubb pools.

DHC 838 currently allows for the commingling of Wantz (Granite Wash) & Tubb pools.

The scope of the planned work is to selectively perforate the Wantz (Abo) from 6,511 to 6,962', acid stimulate, and downhole commingle with existing of Wantz (Granite Wash) & Tubb pools

Please find attached a wellbore diagram and production plots for both zones

DHC Order No. HOB-0083

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Brent Lockhart TITLE Engineer DATE 03/30/04

Type or print name Brent Lockhart E-mail address: BDLockhart@MarathonOil.com Telephone No. 713 296 2224

(This space for State use)

APPROVED BY Brent Lockhart TITLE PETROLEUM ENGINEER DATE APR 08 2004

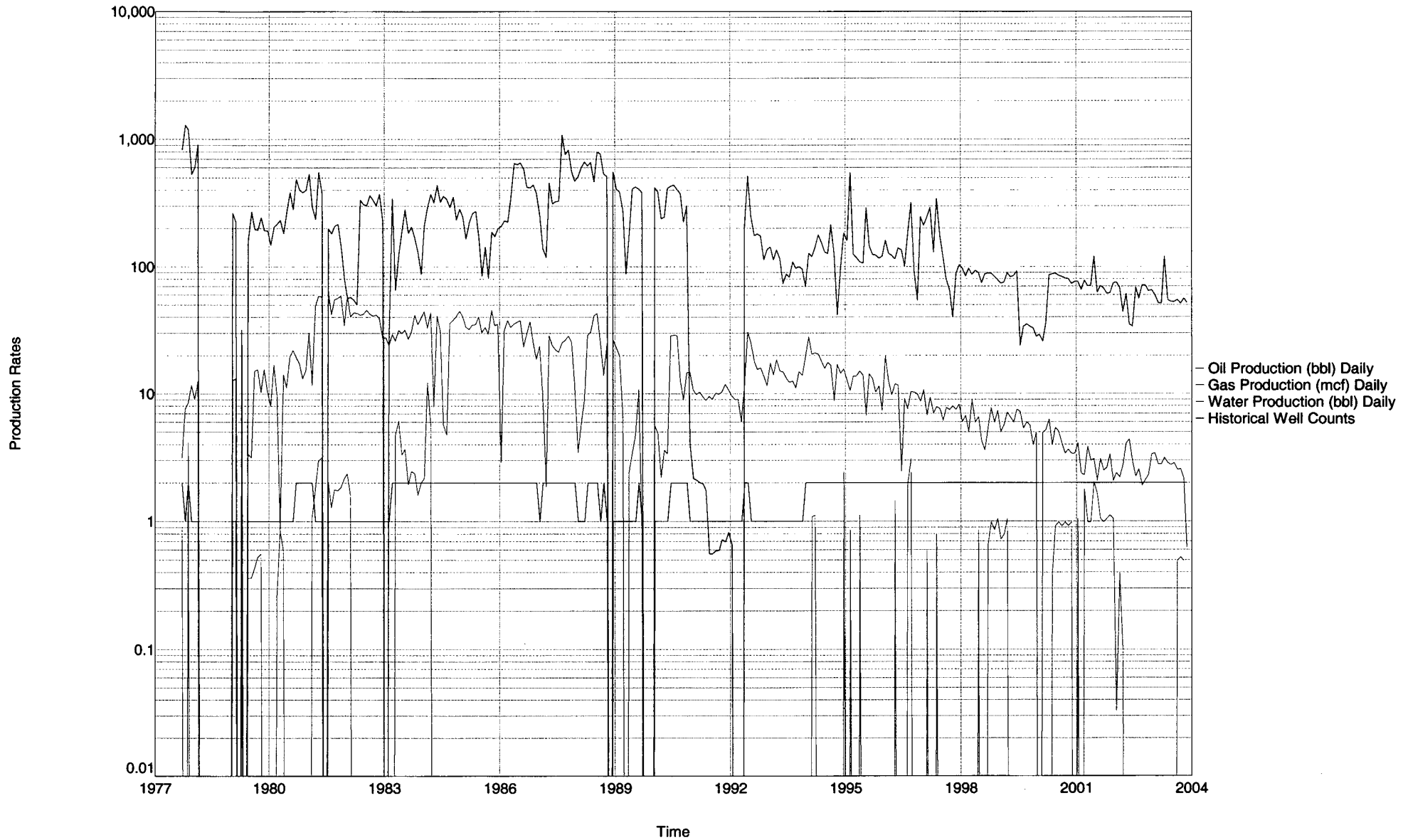
Conditions of approval, if any:

**Lou Worthan Well No. 18**  
**DHC Attachment**

- i) Pre-approved pool status was established by Division Order R-11363
- ii) Tubb Oil & Gas (Oil - 60240), Wantz-Abo (62700) & Wantz-Granite Wash (62730)
- iii) Tubb Oil & Gas (5,756' – 5,962'), Wantz-Abo (6,511' – 6,962') & Wantz-Granite Wash (7,038' – 7,403')
- iv) Tubb Oil & Gas (50% oil & 15% gas), Wantz-Abo (25% oil & 80% gas) & Wantz-Granite Wash (25% oil & 5% gas). Supported from tests prior to temporary abandonment.
- v) The proposed commingling will not reduce the value of the total remaining production
- vi) The ownership and percentages are identical for the zones

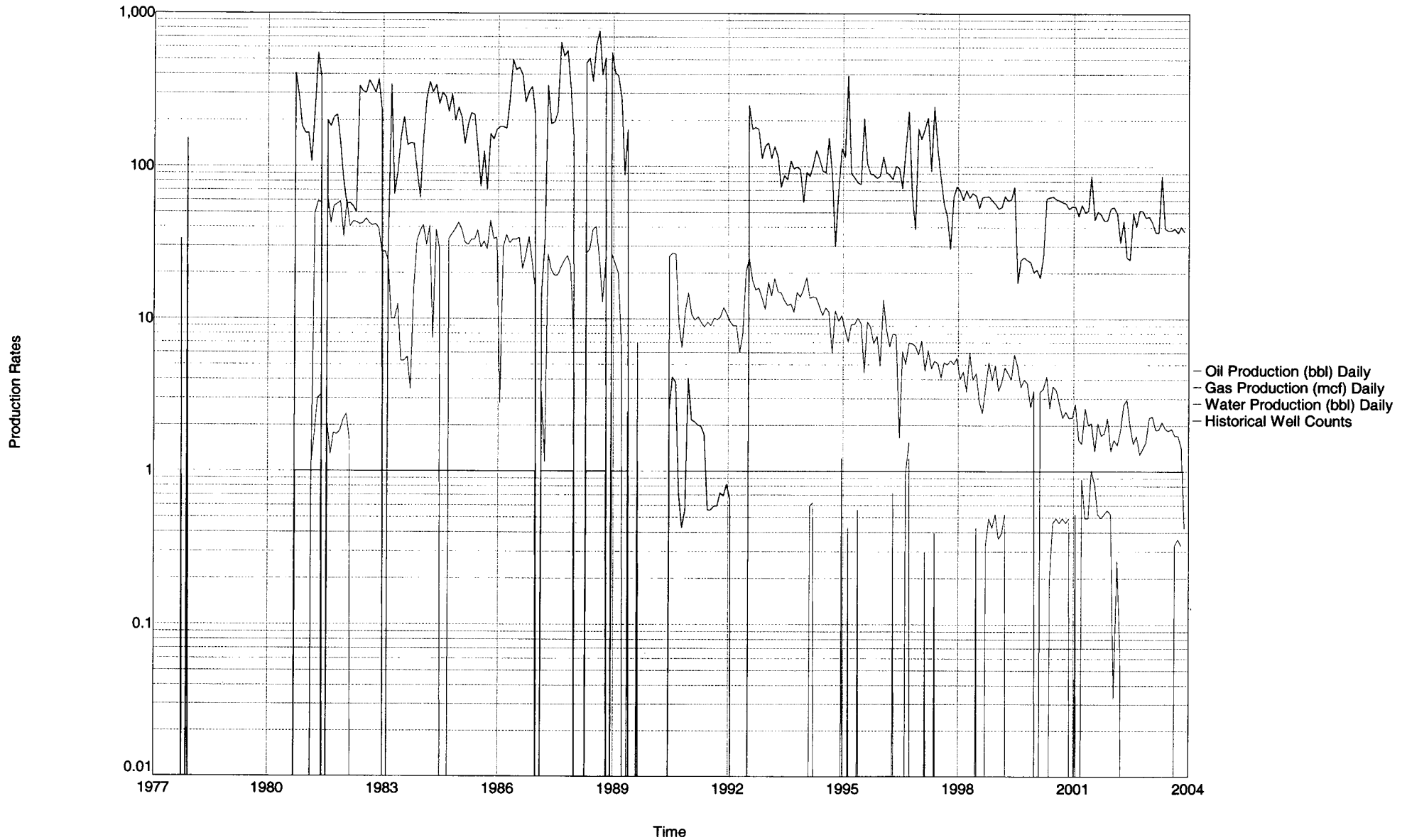
Lease Name: LOU WORTHAN <sup>18</sup>  
County, State: LEA, NM  
Operator: MARATHON OIL COMPANY  
Field: MULTIPLE  
Reservoir: MULTIPLE  
Location:

LOU WORTHAN - MULTIPLE (Tubb + GRANITE WASH Combined)



Lease Name: LOU WORTHAN 18  
County, State: LEA, NM  
Operator: MARATHON OIL COMPANY  
Field: TUBB  
Reservoir: TUBB  
Location: 11 22S 37E NW SE NE

LOU WORTHAN - TUBB



Lease Name: LOU WORTHAN  
County, State: LEA, NM  
Operator: MARATHON OIL COMPANY  
Field: WANTZ  
Reservoir: GRANITE WASH  
Location: 11 22S 37E NW SE NE

18

### LOU WORTHAN - WANTZ

