

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. 30-025-10220
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 #11
9. OGRID Number
10. Pool name or Wildcat Blinebry, Tubb, & Drinkard

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 552 Midland, TX 79702

4. Well Location

Unit Letter F: 1,905' feet from the North line and 2,055' feet from the West line

Section 11 Township 22-S Range 37-E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,359' - 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 downhole commingle the Blinebry Oil & Gas (Oil), Tubb Oil & Gas (Gas) and Drinkard pools in the Lou Worthan #11.

The scope of the proposed workover is to drill out bridge plugs that currently isolate the abandoned Tubb and Drinkard zones and return the well to rod pump with the current active Blinebry zone

Please find attached a wellbore diagram and production plots for all three zones.

DHC Order No. HOB-0066

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 01/08/04

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

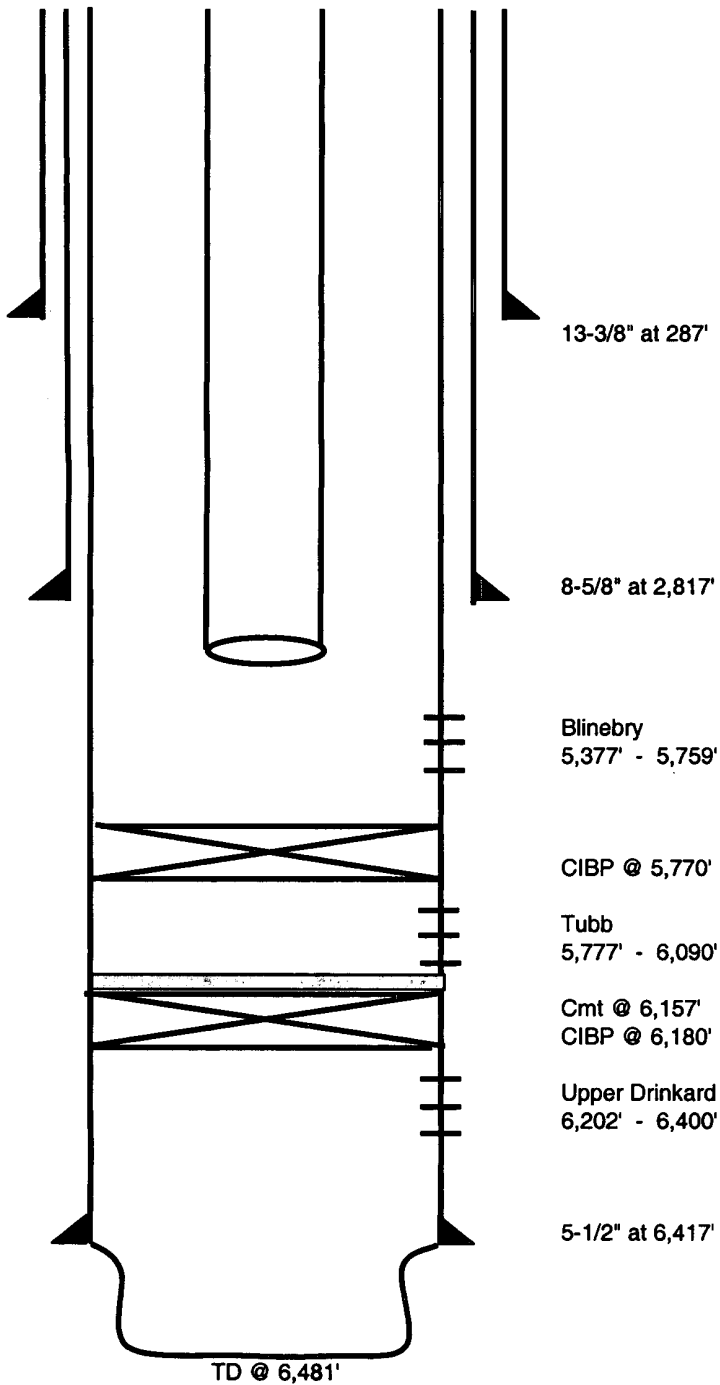
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APPROVED BY Brent Lockhart TITLE PETROLEUM ENGINEER DATE JAN 13 2004

Conditions of approval, if any:

**Lou Worthan Well No. 11
DHC Attachment**

- i) Pre-approved pool status was established by Division Order R-11363
- ii) Blinebry Oil & Gas (Oil - 6660), Tubb Oil & Gas (Gas - 86440) & Drinkard (19190)
- iii) Blinebry Oil & Gas (5,377' – 5,759'), Tubb Oil & Gas (5,777' – 6,090') & Drinkard (6,202' – 6,481')
- iv) Blinebry Oil & Gas (40% Oil & 70% Gas), Tubb Oil & Gas (40% Oil & 15% Gas) & Drinkard (20% Oil & 15% 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



Field: Drinkard

Lease & Well: Lou Worthan Well No. 11

Location: Unit F, 1,905' FNL & 2,055' FWL
Section 11, T-22-S, R-37-E

County & State: Lea County, New Mexico

Status: Active pumping well

TD: 6,481' **PBTD:** 5,770' **GL:** 3,359' **DF:** 3,369'

Surface Casing: 13-3/8", 48#, H-40 ST&C casing
set @ 287'. Cmt'd w/250 sks. Circ'd to surface

Intermediate Casing: 8-5/8", 32#, K-55 ST&C casing
set @ 2,817'. Cmt'd w/1,500 sks. Circ'd to surface

Production Casing: 5-1/2", 17#, K-55 LT&C casing
set @ 6,417'. Cmt'd w/800 sks

Tubing:

History:

January 1950 - Drilled & completed as openhole Lower Drinkard
IP'd flowing 106 BOPD & 122 MCFD

July 1956 - Added Tubb zone & dualled w/Drinkard
Tubb CAOPF - 20,251 MCFPD

May 1976 - Abandoned Lower Drinkard. Perf'd Upper Drinkard
IP'd 2,242 MCFD

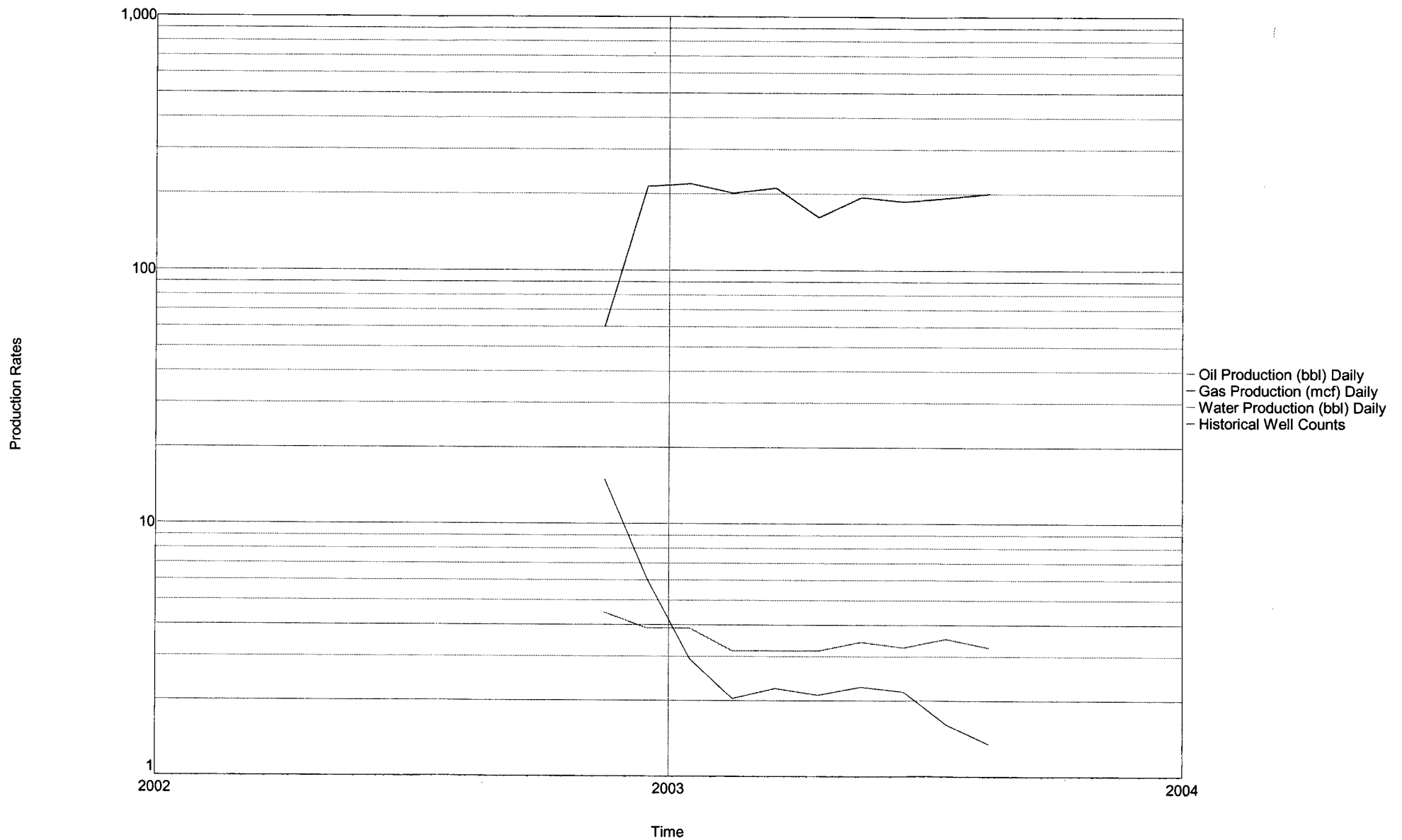
December 1990 - Recompleted to Tubb

November 2002 - Recompleted to Blinebry

Cums	MBO	MMCF
Blinebry	0.9	44
Tubb	53.6	9,758
Drinkard	43.3	1,887

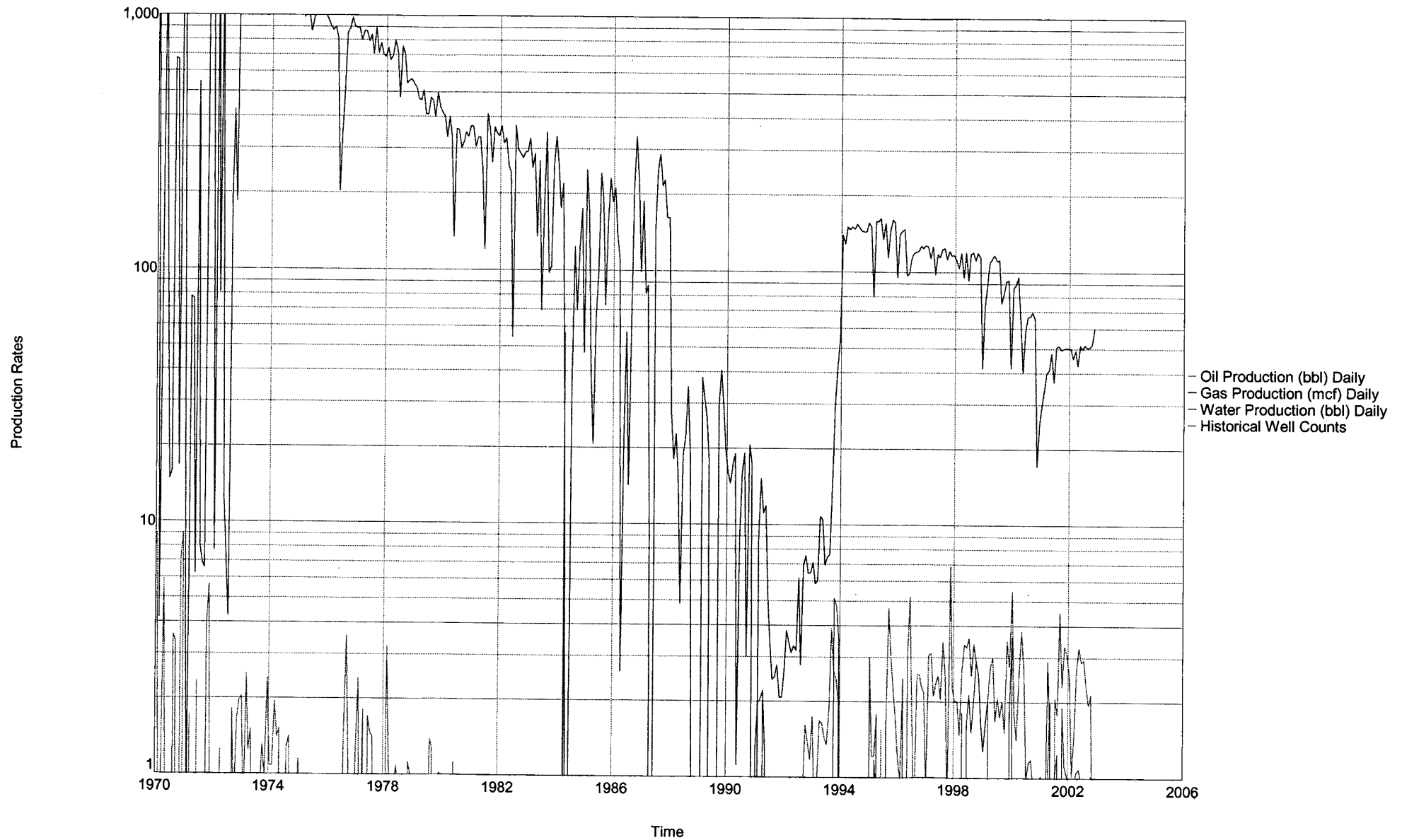
Lease Name: LOU WORTHAN
County, State: LEA, NM
Operator: MARATHON OIL COMPANY
Field: BLINEBRY
Reservoir: BLINEBRY
Location: 11 22S 37E NE SE NW

LOU WORTHAN - BLINEBRY



Lease Name: LOU WORTHAN #11
County, State: LEA, NM
Operator: MARATHON OIL COMPANY
Field: TUBB
Reservoir: TUBB
Location:

LOU WORTHAN - TUBB



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

LOU WORTHAN - DRINKARD

