

PNRM 0400838677

C-103 Received 12-15-2003
DHC No. Assigned 1-7-2004

	Order Number	API Number	Operator	County			
	HOB-0066	30-025-10220	Marathon Oil Company	Lea			
	Order Date	Well Name	Number	Location			
		Lou Worthan	011	F UL	11 Sec	225 T (+Dir)	37E R (+Dir)
			Oil %	Gas %			
Pool 1	06660	Blinebry Oil+Gas (Oil)	40%	70%			
Pool 2	86440	Tubb Oil+Gas (Pro Gas)	40%	15%			
Pool 3	19190	Drinkard	20%	15%			
Pool 4							
<div>Comments: Work completed effective _____ Work cancelled effective _____ Supplement _____</div>							

1-8-2004
Posted
RBD ML

③

DOWNHOLE COMMINGLE CALCULATIONS: 30-025-10220

OPERATOR: Marathon Oil Company HOB-0066

PROPERTY NAME: Lou Worthan

WNULSTR: 11-F, 11-22-37

SECTION I:

POOL NO. 1 BLinebry Oil & Gas (Oil)

ALLOWABLE AMOUNT

107 428 MCF 4000

POOL NO. 2 Tubb Oil & Gas (Pro Gas)

142 284 MCF 2000

POOL NO. 3 Drinkard

142 852 MCF 6000

POOL NO. 4 _____

POOL TOTALS 391

1564 MCF

SECTION II:

POOL NO. 1 BLinebry Oil & Gas (Oil)

Oil Gas
40% X 391 = 156.40 70%

POOL NO. 2 Tubb Oil & Gas (Pro Gas)

40% 15%

POOL NO. 3 Drinkard

20% 15%

POOL NO. 4 _____

OIL

GAS

SECTION III:

$107 \div 40\% = 267.50 (268)$

SECTION IV:

$268 \times 40\% = 107.20 (107)$

$268 \times 40\% = 107.20 (107)$

$268 \times 20\% = 53.60 (54)$

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
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 Bliebry, 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 ☐

WELL 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 Bliebry 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 Bliebry 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

(This space for State use)

APPROVED BY [Signature] TITLE _____ DATE 1-13-2004

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

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District III

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State of New Mexico *Wrong APF*
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.

30-025-10213

5. Indicate Type of Lease

STATE ☐ FEE ☒

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
Blinbry, Tubb, & Drinkard

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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 G : 1,980' feet from the North line and 1,980' feet from the East line

Section 11

Township 22-S Range 37-E

NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,341' - 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 ☐

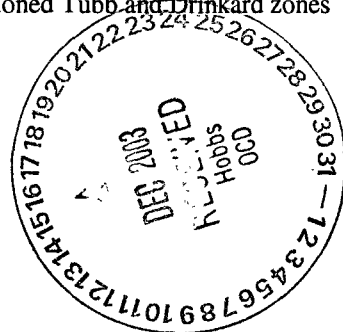
OTHER: ☐

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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 BDR TITLE Engineer DATE 12/12/03

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

(This space for State use)

APPROVED BY _____ TITLE _____ DATE _____