

PNR-M 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	11	225	37E
					UL	Sec	T (+Dir)	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								
Comments: Work completed effective _____ Work cancelled effective _____ Supplement _____								

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:

		ALLOWABLE AMOUNT	
06660	POOL NO. 1 <u>BLinebry Oil+Gas (Oil)</u>	<u>107</u>	<u>428</u> MCF 4000
86440	POOL NO. 2 <u>Tubb Oil+Gas (Pro Gas)</u>	<u>142</u>	<u>284</u> MCF 2000
19190	POOL NO. 3 <u>Drinkard</u>	<u>142</u>	<u>852</u> MCF 6000
	POOL NO. 4 _____		MCF
	POOL TOTALS	<u>391</u>	<u>1564</u>

SECTION II:

		Oil	Gas
ABLI40000	POOL NO. 1 <u>BLinebry Oil+Gas (Oil)</u>	40% X 391 = 156.40	70%
GTUB50000	POOL NO. 2 <u>Tubb Oil+Gas (Pro Gas)</u>	40%	15%
ADRI30000	POOL NO. 3 <u>Drinkard</u>	20%	15%
ADRI?	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 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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
DRILL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: Downhole Commingle <input checked="" type="checkbox"/>		OTHER: <input 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 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

(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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State of New Mexico Energy, Minerals and Natural Resources

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

Form C-103 Revised June 10, 2003

WELL API NO. 30-025-10213
5. Indicate Type of Lease STATE [] FEE [x]
6. State Oil & Gas Lease No.

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 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

7. Lease Name or Unit Agreement Name Lou Worthan

8. Well Number #11

9. OGRID Number

10. Pool name or Wildcat Blinebry, Tubb, & Drinkard

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:

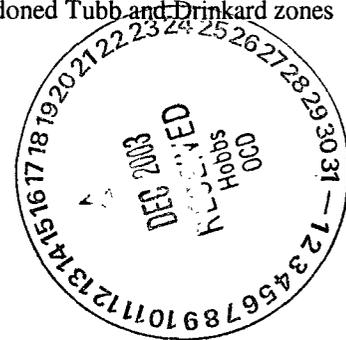
REMEDIAL WORK [] ALTERING CASING []
COMMENCE DRILLING OPNS. [] PLUG AND ABANDONMENT []
CASING TEST AND CEMENT JOB []
OTHER: []

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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 [Signature] TITLE Engineer DATE 12/12/03

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

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APPROVED BY TITLE DATE