

p NRM0403447699

C-103 Received 1-29-2004
DHC No. Assigned 2-3-2004

Order Number	API Number	Operator	County	
HOB-0073	30- 025-07638	Marathon Oil Company	Lea	
Order Date	Well Name	Number	Location	
	Mark Owen	002	M UL	35 Sec
			215 T (+Dir)	37E R (+Dir)
Pool 1	Oil %	Gas %		
72480	Blinebry Oil & Gas (Pro Gas)	50%	50%	
Pool 2	Oil %	Gas %		
19190	Drinkard	50%	50%	
Pool 3	Oil %	Gas %		
Pool 4	Oil %	Gas %		
Comments: Work completed effective _____ Work cancelled effective _____ Supplement _____				

2-3-2004
Posted
RBDMS

B

DOWNHOLE COMMINGLE CALCULATIONS:

30-025-07038

OPERATOR: Marathon Oil Company

HOB-0073

PROPERTY NAME: Mark Owen

(Gas Well)

WNULSTR: 2-M, 35-21-37

SECTION I:

POOL NO. 1 Blinebry Oil & Gas (Pro Gas) ALLOWABLE AMOUNT 999 9999 MCF 99999

POOL NO. 2 Drinkard 142 852 MCF

POOL NO. 3 _____ MCF

POOL NO. 4 _____ MCF

POOL TOTALS _____

SECTION II:

POOL NO. 1 Blinebry Oil & Gas (Pro Gas) Oil Gas
50% 50%

POOL NO. 2 Drinkard 50% 50%

POOL NO. 3 _____

POOL NO. 4 _____

OIL

GAS

SECTION III:

$142 \div 50\% = 284$

SECTION IV:

$284 \times 50\% = 142$

$284 \times 50\% = 142$

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. 30-025-07038
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 Mark Owen
8. Well Number #2
9. OGRID Number 14021
10. Pool name or Wildcat Blinebry & 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 M: 660' feet from the South line and 660' feet from the West line

Section 35 Township 21S Range 37E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,386' - KB

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 ☐

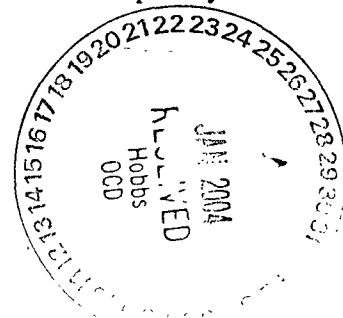
OTHER: ☐

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 & Drinkard pools in the Mark Owen 2

The scope of the proposed workover is to jar out an old packer and drill out a bridge plug to reactivate the temporarily abandoned Drinkard zone and return the well to rod pump.

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



DHC Order No. HOB-0073

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 1/23/04

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

(This space for State use)

PETROLEUM ENGINEER

APPROVED BY [Signature] TITLE Engineer DATE FEB 3 2004

Conditions of approval, if any:

Mark Owen Well No. 2
DHC Attachment

- i) Pre-approved pool status was established by Division Order R-11363
- ii) Blinebry Oil & Gas (72480) & Drinkard (19190)
- iii) Blinebry Oil & Gas (5,436' – 5,762') & Drinkard (6,257' – 6,550')
- iv) Blinebry Oil & Gas (50% gas & 50% oil) & Drinkard (50% gas & 50% oil).
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.