

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

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

Form C-103
Revised June 10, 2003

WELL API NO.
30-025-07038

5. Indicate Type of Lease
STATE ☐ FEE ☒

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.

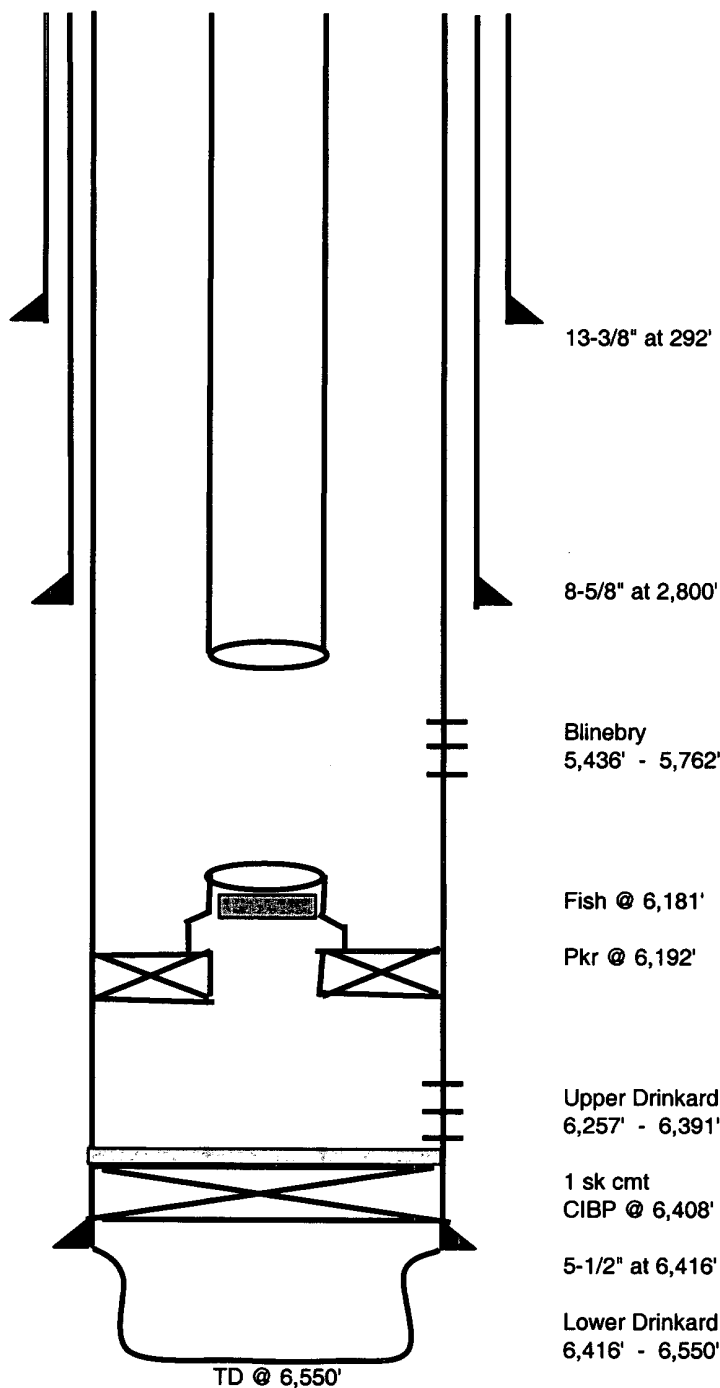
SIGNATURE Brent Lockhart TITLE Engineer DATE 1/23/04

Type or print name Brent Lockhart E-mail address: BDLockhart@MarathonOil.com Telephone No. 713 296 2224
(This space for State use)

APPROVED BY [Signature] TITLE PETROLEUM 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.



Field: Drinkard

Lease & Well: Mark Owen Well No. 2

Location: Unit M, 660' FSL & 660' FWL
Section 35, T-21-S, R-37-E

County & State: Lea County, New Mexico

Status: Active pumping well

TD: 6,550' **PBTD:** 6,181' **GL:** 3,374' **KB:** 3,386'

Surface Casing: 13-3/8", 48#, H-40 ST&C casing
set @ 292'. Cmt'd w/250 sks.

Intermediate Casing: 8-5/8", 32#, H-40 ST&C casing
set @ 2,800'. Cmt'd w/1,500 sks.

Production Casing: 5-1/2", 17# casing
set @ 6,4216 . Cmt'd w/600 sks

Tubing:

History:

1946 - Drilled & completed as openhole Lower Drinkard
1954 - Added Blinebry zone & duald w/Drinkard
1976 - Abandoned Lower Drinkard. Perf'd Upper Drinkard
Frac'd Blinebry.
1995 - Added Blinebry pay. Abandoned Upper Drinkard.
Left fish in hole

Blinebry - Currently pumping 2 BOPD & 70 MCFPD
Upper Drinkard - SI 1995 Flowing 20 MCFPD
Lower Drinkard - SI 1976 Flowing 0.5 BOPD & 20 MCFPD

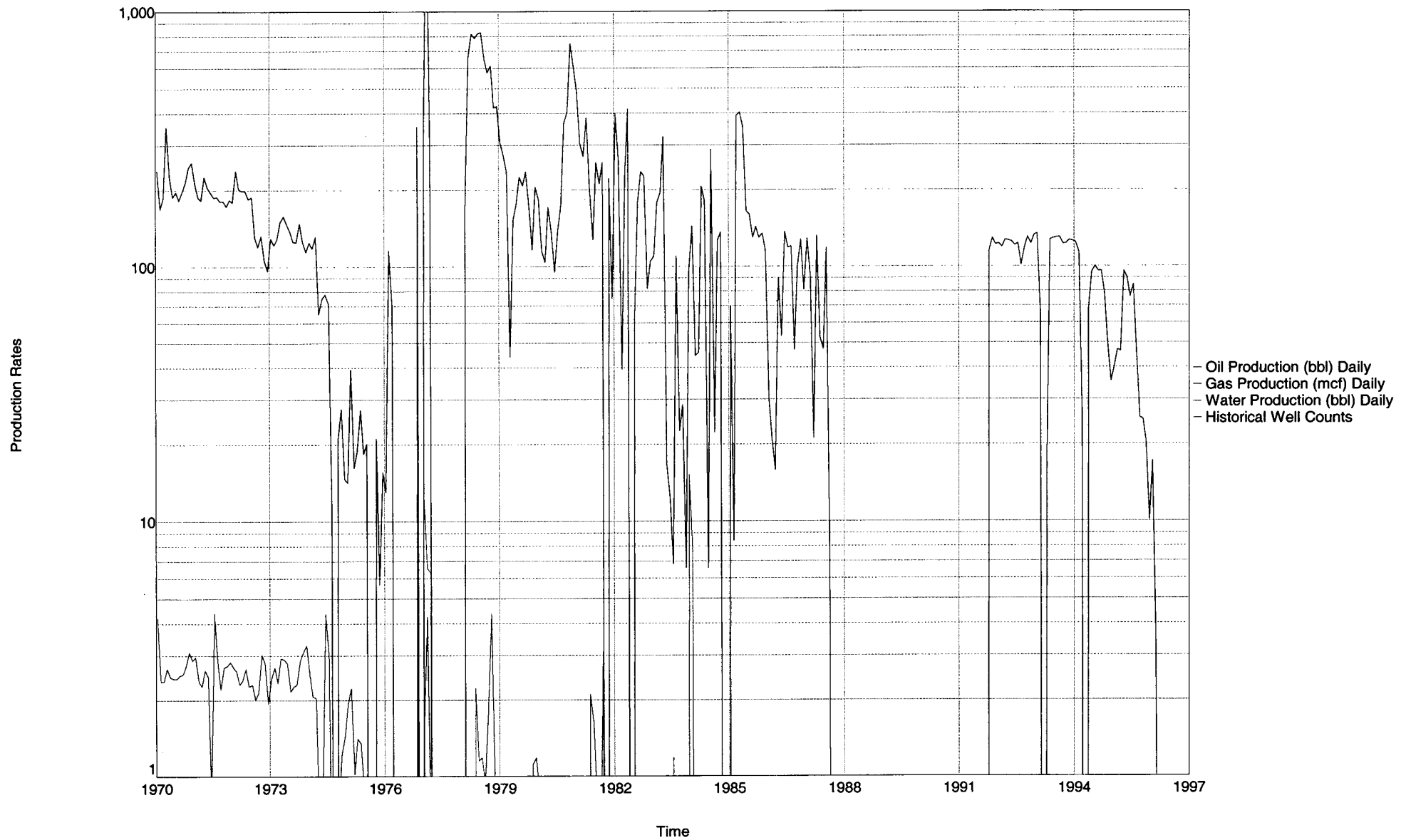
Cums	MBO	MMCF
Blinebry	90.4	16,018
Drinkard	137.7	1,906

Fish:

6' of 2-3/8" tbg (chemical cut) @ 6,181'
Baker FL on/off tool w/1.81" FSP plug in place @ 6,190' (1.68')
Baker Lok-set packer @ 6,192' (3.57')
4' tbg sub
Model F seating nipple w/1.5" profile
6' tbg sub (open ended)

Lease Name: MARK OWEN #2
County, State: LEA, NM
Operator: MARATHON OIL COMPANY
Field: DRINKARD
Reservoir: DRINKARD
Location: 35 21S 37E

MARK OWEN - DRINKARD



Lease Name: MARK OWEN #2
County, State: LEA, NM
Operator: MARATHON OIL COMPANY
Field: BLINEBRY
Reservoir: BLINEBRY
Location:

MARK OWEN - BLINEBRY

