

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. 30-025-25481
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. <input checked="" type="checkbox"/>
7. Lease Name or Unit Agreement Name Mark Owen
8. Well Number #8
9. OGRID Number 014021
10. Pool name or Wildcat Tubb, Abo, & Granite Wash

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 : 760' feet from the South line and 760' feet from the West line

Section 35 Township 21S Range 37E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3,373' - 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: Recomplete and 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 recomplete the Mark Owen #8 to the Tubb Oil & Gas Pool and downhole commingle with the existing Wantz (Granite Wash) & Wantz (Abo) pools

The scope of the proposed workover is to selectively perforate the Tubb from 5,880 to 6,170, acidize and sand fracture stimulate and downhole commingle with the existing Wantz (Granite Wash) & Wantz (Abo) pools.

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

Prior approval to commingle the Wantz (Granite Wash) & Wantz (Abo) pools is authorized under DHC #765.

DHC Order No. 0074

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)

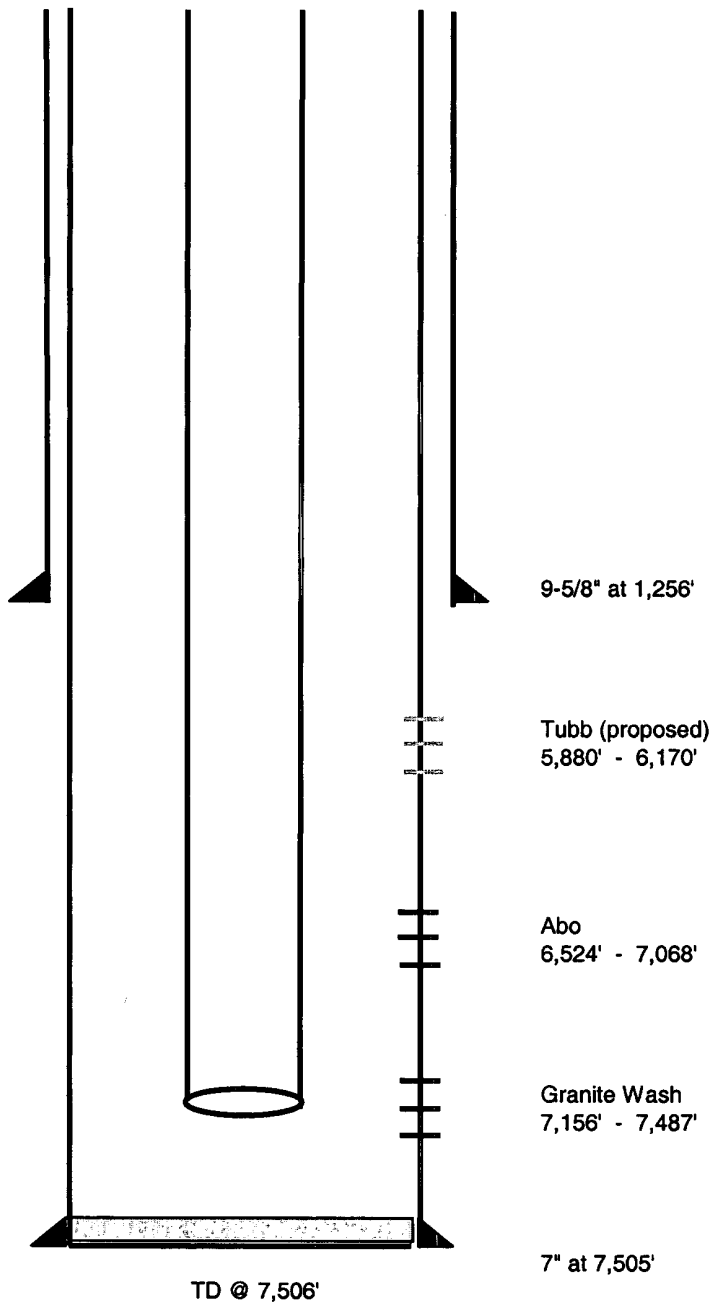
PETROLEUM ENGINEER

APPROVED BY [Signature] TITLE Engineer DATE FEB 3 2004

Conditions of approval, if any:

**Mark Owen Well No. 8  
DHC Attachment**

- i) Pre-approved pool status was established by Division Order R-11363
- ii) Tubb Oil & Gas (86440), Wantz-Abo (62700) & Wantz-Granite Wash (62730)
- iii) Tubb Oil & Gas, (5,880' – 6,170'), Wantz-Abo (6,524' – 7,068') & Wantz-Granite Wash (7,156' – 7,487')
- iv) Tubb Oil & Gas, (75% gas & 75% oil) Wantz-Abo (20% gas & 5% oil) & Wantz-Granite Wash (5% gas & 20% 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. 8

**Location:** Unit M, 760' FSL & 760' FWL  
Section 35, T-21-S, R-37-E

**County & State:** Lea County, New Mexico

**Status:** Active pumping well

**TD:** 7,506' **PBTD:** 7,495' **KB:** 3,388'

**Surface Casing:** 9-5/8", 32#, H-40 ST&C casing  
set @ 1,256'.

**Production Casing:** 7", 23# & 26# casing  
set @ 7,505'. DV tool @ 4,504

**Tubing:**

**History:**

**1977** - Drilled and completed as dual producer in Abo and Granite Wash

**1978** - Added additional Abo zone

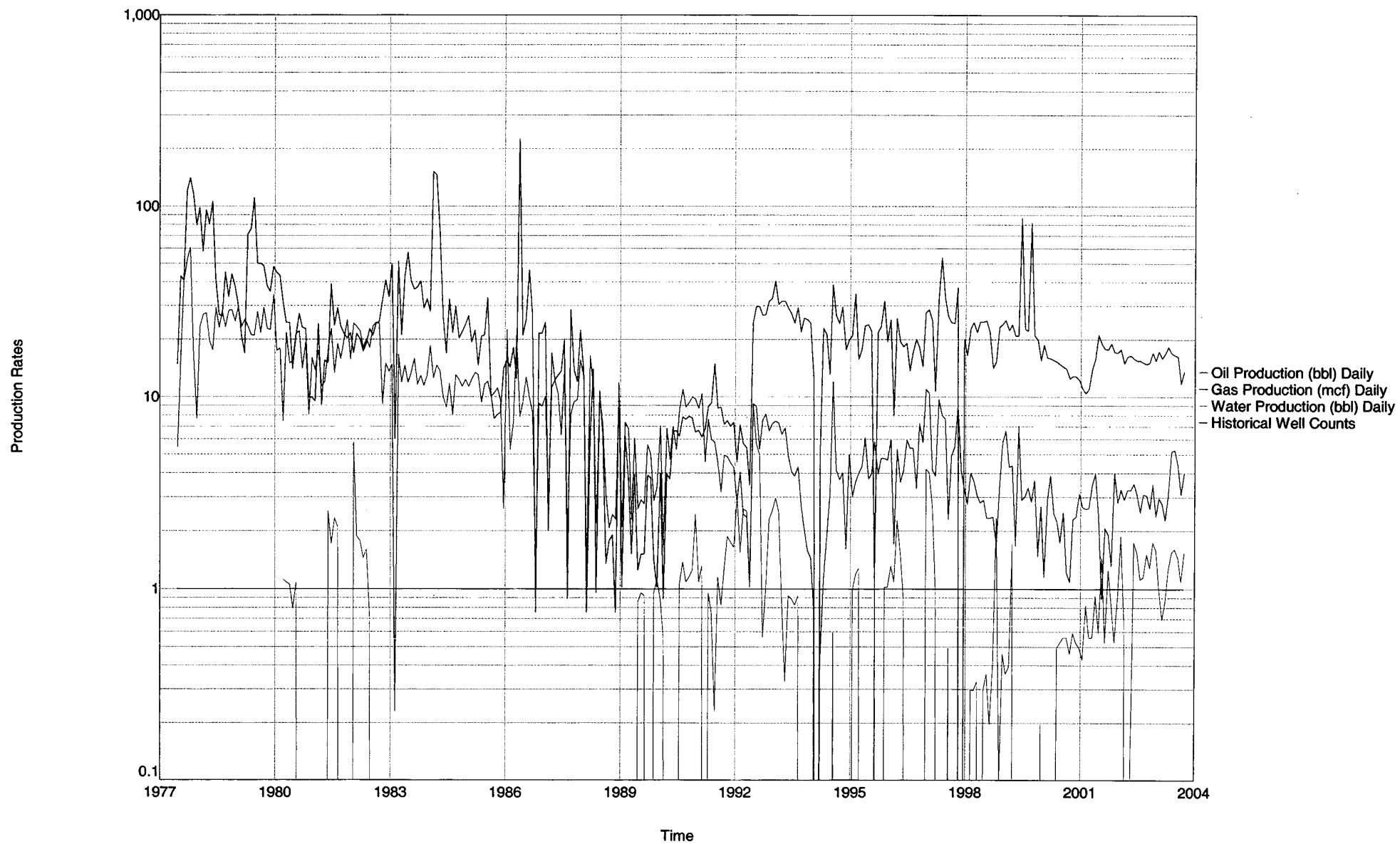
**1991** - Added additional Abo zone. Downhole commingled

**1992** - Sand Frac'd

**Abo & Granite Wash** - Currently pumping 3.5 BO, 93 MCF & 1 BW

Lease Name: MARK OWEN #8  
County, State: LEA, NM  
Operator: MARATHON OIL COMPANY  
Field: WANTZ  
Reservoir: GRANITE WASH  
Location: 35 21S 37E

MARK OWEN - WANTZ (GRANITE WASH)



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

MARK OWEN - WANTZ (Abc)

