

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 March 25, 1999

WELL API NO.

30-015-34331

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

VB0158

7. Lease Name or Unit Agreement  
Name:

Forty Niner Ridge Unit

8. Well No.

#101

9. Pool name or Wildcat

Forty Niner Ridge: Morrow 76800

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

Mewbourne Oil Company 14744

3. Address of Operator

PO Box 5270 Hobbs, NM 88241

4. Well Location

Unit Letter N : 660 feet from the South line and 1980 feet from the West line

Section 16 Township 23S Range 30E NMPM Eddy County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)

3159' GL

11. 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: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Water Disposal ☒

12. 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 recompilation.

Water is produced from the Morrow formation at approx 89 BPD. The water is stored on lease in a water tank. The water is trucked from the lease to the Mesquite Water Disposal to the Big Eddy Federal 100 WDW (permit #SWD461) located in Unit L, Sec 8-T21S-R28E. Attached is the latest water analysis.

RECEIVED

APR 28 2006

U.S. MINE

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kristi Green TITLE Hobbs Regulatory DATE 04/27/06

Type or print name Kristi Green

Telephone No. 505-393-5905

(This space for State use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of approval, if any:

Accepted for record - NMOCD



BJ SERVICES

## Water Analysis

Date: 06-Apr-06

2708 West County Road, Hobbs NM 88240

Phone (505) 392-5556 Fax (505) 392-7307

## Analyzed For

Company	Well Name	County	State
Mewbourne	49 er Ridge 101	Lea	New Mexico

**Sample Source**      **Swab Sample**      **Sample #**      1

**Formation**      **Depth**

Specific Gravity	1.050	SG @ 60 °F	1.052
pH	6.10	Sulfides	Absent
Temperature (°F)	70	Reducing Agents	

## Cations

Sodium (Calc)	in Mg/L	23,043	in PPM	21,904
Calcium	in Mg/L	4,000	in PPM	3,802
Magnesium	in Mg/L	720	in PPM	684
Soluble Iron (FE2)	in Mg/L	200.0	in PPM	190

## Anions

Chlorides	in Mg/L	44,000	in PPM	41,825
Sulfates	in Mg/L	200	in PPM	190
Bicarbonates	in Mg/L	1,122	in PPM	1,067

Total Hardness (as CaCO3)	in Mg/L	13,000	in PPM	12,357
Total Dissolved Solids (Calc)	in Mg/L	73,285	in PPM	69,663
Equivalent NaCl Concentration	in Mg/L	69,093	in PPM	65,678

## Scaling Tendencies

\*Calcium Carbonate Index      4,489,600

Below 500,000 Remote / 500,000 - 1,000,000 Possible / Above 1,000,000 Probable

\*Calcium Sulfate (Gyp) Index      800,000

Below 500,000 Remote / 500,000 - 10,000,000 Possible / Above 10,000,000 Probable

\*This Calculation is only an approximation and is only valid before treatment of a well or several weeks after treatment.

**Remarks**      rw=.13@70f

**Report #**      2169

## Site Facility Diagram

Mewbourne Oil Company  
Forty Niner Ridge Unit # 101  
API 30-015-34331  
Lease # VB0158  
660' FNL & 1980' FWL  
Sec 16-T23S-R30E  
Eddy Co., NM

Site Security Plan at 701 S. Cecil Hobbs, NM 88240

During Production operations valve 1 is open and valve 2 is closed and sealed.  
During hauling operations valve 1 is closed and valve 2 is open.

