

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  
May 27, 2004

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

WELL API NO. 30-015-34344
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 Pecos River 11
8. Well Number 1
9. OGRID Number 14744
10. Pool name or Wildcat Carlsbad Morrow East 73920

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

3. Address of Operator  
PO Box 5270 Hobbs, NM 88240

4. Well Location

Unit Letter J : 1415 feet from the S line and 1980 feet from the E line  
Section 11 Township 22S Range 27E NMPM Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3071' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

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 COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☐

OTHER: Water Disposal ☒

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.

Water is produced from the Morrow formation at approx 1 BPD. The water is stored on lease in a water tank. The water is trucked from the lease by 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

JAN 18 2006

OCD-ARTESIA

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Kristi Green TITLE Hobbs Regulatory DATE 01/10/06

Type or print name Kristi Green

E-mail address:

Telephone No. 505-393-5905

**For State Use Only**

APPROVED BY: FOR RECORDS ONLY TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):



# Water Analysis

Date: 23-Dec-05

2708 West County Road, Hobbs NM 88240

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

## Analyzed For

Company	Well Name	County	State
Mewbourne	Pecos River 11 # 1	Lea	New Mexico

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

**Formation** **Depth**

Specific Gravity	1.025	SG @ 60 °F	1.026
pH	7.07	Sulfides	Absent
Temperature (°F)	67	Reducing Agents	

## Cations

Sodium (Calc)	in Mg/L	6,212	in PPM	6,053
Calcium	in Mg/L	4,000	in PPM	3,897
Magnesium	in Mg/L	2,640	in PPM	2,572
Soluble Iron (FE2)	in Mg/L	300.0	in PPM	292

## Anions

Chlorides	in Mg/L	24,000	in PPM	23,383
Sulfates	in Mg/L	200	in PPM	195
Bicarbonates	in Mg/L	1,025	in PPM	998

Total Hardness (as CaCO3)	in Mg/L	21,000	in PPM	20,460
Total Dissolved Solids (Calc)	in Mg/L	38,377	in PPM	37,390
Equivalent NaCl Concentration	in Mg/L	38,649	in PPM	37,655

## Scaling Tendencies

\*Calcium Carbonate Index 4,099,200

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=2@67f

**Report #** 2053

## Site Facility Diagram

Mewbourne Oil Company  
Pecos River 11 #1  
API 30-015-34344

1415' FSL & 1980' FEL  
Sec 11-T22S-R27E  
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.

