

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. 30-015-34160
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. VB0672
7. Lease Name or Unit Agreement Name Mosley Canyon 4 St Com
8. Well Number 1
9. OGRID Number 14744
10. Pool name or Wildcat Mosley Canyon S

**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 Lot 4 : 1190 feet from the N line and 1190 feet from the W line  
Section 4 Township 24S Range 25E NMPM Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3740' 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:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
OTHER: ☐

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 Strawn formation at approx 2 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.

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 11/21/05

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 DEC 01 2005

Conditions of Approval (if any):



BJ SERVICES

## Water Analysis

Date: 12-Nov-05

2708 West County Road, Hobbs NM 88240

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

## Analyzed For

Company	Well Name	County	State
Mewbourne	Mosley Canyon 4 # 1	Lea	New Mexico

Sample Source	Swab Sample	Sample #	1
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Formation	Depth
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Specific Gravity	1.040	SG @ 60 °F	1.042
pH	6.23	Sulfides	Absent
Temperature (°F)	68	Reducing Agents	

## Cations

Sodium (Calc)	in Mg/L	7,474	in PPM	7,175
Calcium	in Mg/L	10,000	in PPM	9,601
Magnesium	in Mg/L	960	in PPM	922
Soluble Iron (FE2)	in Mg/L	2,000.0	in PPM	1,920

## Anions

Chlorides	in Mg/L	34,000	in PPM	32,642
Sulfates	in Mg/L	300	in PPM	288
Bicarbonates	in Mg/L	439	in PPM	422
Total Hardness (as CaCO3)	in Mg/L	29,000	in PPM	27,842
Total Dissolved Solids (Calc)	in Mg/L	55,173	in PPM	52,969
Equivalent NaCl Concentration	in Mg/L	51,039	in PPM	49,001

## Scaling Tendencies

*Calcium Carbonate Index	4,392,000
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Below 500,000 Remote / 500,000 - 1,000,000 Possible / Above 1,000,000 Probable

*Calcium Sulfate (Gyp) Index	3,000,000
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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= .16@68f
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Report #	2034
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