

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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FORM APPROVED  
OMB No 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1 Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2 Name of Operator  
Mewbourne Oil Company 14744

3a Address  
PO Box 5270 Hobbs, NM 88240

3b Phone No (include area code)  
505-393-5905

4 Location of Well (Footage, Sec, T, R, M., or Survey Description)  
1650' FSL & 1800' FWL, Unit Letter K of Sec 7-T20S-R28E

5 Lease Serial No  
NM-83583

6 If Indian, Allottee or Tribe Name

7 If Unit or CA/Agreement, Name and/or No

8 Well Name and No  
Burton Flat "7" Federal #3

9 API Well No  
30-015-33337

10 Field and Pool, or Exploratory Area  
East Burton Flat Morrow 73280

11 County or Parish, State  
Eddy County, NM

**12 CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

3 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Water is produced from the Morrow formation at approx 3 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.

**Accepted for record  
NMOC**

14 I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Kristi Green

Title Hobbs Regulatory

Signature

Date 11/20/07

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature) **DAVID R. GLASS**

Name  
(Printed/Typed)

Title PETROLEUM ENGINEER

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date

DEC 05 2007

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on next page)

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**



BJ SERVICES

# Water Analysis

Date: 26-Nov-07

2708 West County Road, Hobbs NM 88240

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

## Analyzed For

Company	Well Name	County	State
Mewbourne	Burton Flat 7 # 3	Lea	New Mexico

<b>Sample Source</b>	<b>Swab Sample</b>	<b>Sample #</b>	<b>1</b>
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<b>Formation</b>	<b>Depth</b>
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Specific Gravity	1.015	SG @ 60 °F	1.015
pH	6.26	Sulfides	Absent
Temperature (°F)	59	Reducing Agents	

## Cations

Sodium (Calc)	in Mg/L	6,112	in PPM	6,023
Calcium	in Mg/L	360	in PPM	355
Magnesium	in Mg/L	96	in PPM	95
Soluble Iron (FE2)	in Mg/L	250.0	in PPM	246

## Anions

Chlorides	in Mg/L	10,000	in PPM	9,854
Sulfates	in Mg/L	625	in PPM	616
Bicarbonates	in Mg/L	268	in PPM	264
Total Hardness (as CaCO3)	in Mg/L	1,300	in PPM	1,281
Total Dissolved Solids (Calc)	in Mg/L	17,712	in PPM	17,453
Equivalent NaCl Concentration	in Mg/L	16,783	in PPM	16,538

## Scaling Tendencies

*Calcium Carbonate Index	96,624
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Below 500,000 Remote / 500,000 - 1,000,000 Possible / Above 1,000,000 Probable

*Calcium Sulfate (Gyp) Index	225,000
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Below 500,000 Remote / 500,000 - 10,000,00 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	nw .3@59f
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Report #	2632
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**BUREAU OF LAND MANAGEMENT**

**Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220-6292  
(505) 234-5972**

**Disposal of Produced Water From Federal Wells  
Conditions of Approval**

Approval of the produced water disposal methodology is subject to the following conditions of approval:

- 1 This agency shall be notified of any change in your method or location of disposal.
2. Compliance with all provisions of Onshore Order No. 7.
- 3 This agency shall be notified of any spill or discharge as required by NTL-3A
- 4 This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments
5. Any on-lease open top storage tanks shall be covered with a wire screen to prevent entry by birds and other wildlife.
- 6 This approval should not constitute the granting of any right-of-way or construction rights not granted by the lease instrument
- 7 If water is transported via a pipeline that extends beyond the lease boundary, then you need to submit within 30 days an application for right-of-way approval to the Realty Section to the BLM Carlsbad Field office at 620 East Greene Street, Carlsbad, New Mexico 88220-6292 for wells in Eddy or Lea County if you have not already done so