

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

UCD Artesia

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**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.*

5. Lease Serial No.  
NMNM117119

6. If Indian, Allottee or Tribe Name

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

7. If Unit or CA/Agreement, Name and/or No.  
NMNM131079

8. Well Name and No.  
DELAWARE RANCH 13 EH FED COM 1H

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
MEWBOURNE OIL COMPANY

Contact: JACKIE LATHAN  
E-Mail: jlathan@mewbourne.com

9. API Well No.  
30-015-41271-00-S1

3a. Address  
HOBBS, NM 88241

3b. Phone No. (include area code)  
Ph: 575-393-5905  
Fx: 575-397-6252

10. Field and Pool, or Exploratory  
RED BLUFF

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 13 T26S R28E SWNW 2100FNL 95FWL

11. County or Parish, and 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 checked="" 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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Site Facility Diagram/Security Plan
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. 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 recompleat 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 recompleat 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.)

Please see attached site facility diagram & salt water disposal plan.

Bond on file: NM1693, Nationwide & NMB000919

**RECEIVED**  
APR 15 2014  
NMOCD ARTESIA

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

SUBJECT TO LIKE  
APPROVAL BY STATE

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #231903 verified by the BLM Well Information System For MEWBOURNE OIL COMPANY, sent to the Carlsbad Committed to AFMSS for processing by JENNIFER MASON on 02/18/2014 (14JAM0195SE)**

Name (Printed/Typed) JACKIE LATHAN Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) Date 01/13/2014

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By *[Signature]* Title **APPROVED** Date APR 10 2014

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 **BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE**

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.

### WATER PRODUCTION & DISPOSAL INFORMATION

In order to process your disposal request, the following information must be completed:

1. Name of formations producing water on the lease. Bones Ranch

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2. Amount of water produced from all formations in barrels per day. 200 BPD

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3. Attach a current water analysis of produced water from all zones showing at least the total dissolved solids, ph, and the concentrations of chlorides and sulfates. (One sample will suffice if water is commingled.)
4. How water is stored on lease. 2 - 500 BBL FG Tanks
5. How water is moved to the disposal facility. Pipelined
6. Identify the Disposal Facility by:
  - A. Facility Operators name. Atkinson Oil Company
  - B. Name of facility or well name and number. Delaware Ranch SWP 1310
  - C. Type of facility or well (WDW) (WTW) etc. WDW
  - D. Location by 1/4 1/4 SESE Section 11 Township 26S Range 28E
7. Attach a copy of the State issued permit for the Disposal Facility.

Submit to this office, 620 EAST GREENE ST, CARLSBAD NM, 88220, the above required information on a Sundry Notice 3160-5. Submit 1 original and 3 copies, within abatement period. (This form may be used as an attachment to the Sundry Notice.)



# Water Analysis

Date: 30 Jul-13

2708 West County Road, Hobbs NM 88240  
 Phone (505) 392-5556 Fax (505) 392-7397

**Analyzed For**

Company	Well Name	County	State
Mewbourne	Del Ranch 13 EH	Lea	New Mexico

Sample Source	Swab Sample	Sample #	1
Formation		Depth	

Specific Gravity	1.135	SG @ 60 °F	1.135
pH	6.84	Sulfides	Absent
Temperature (°F)	70	Reducing Agents	

**Cations**

Sodium (Calc)	in Mg/L	58,188	in PPM	51,117
Calcium	in Mg/L	8,000	in PPM	7,015
Magnesium	in Mg/L	850	in PPM	840
Soluble Iron (FE2)	in Mg/L	10.0	in PPM	8

**Anions**

Chlorides	in Mg/L	105,000	in PPM	93,218
Sulfates	in Mg/L	280	in PPM	220
Bicarbonates	in Mg/L	137	in PPM	120
Total Hardness (as CaCO3)	in Mg/L	24,000	in PPM	21,118
Total Dissolved Solids (Calc)	in Mg/L	173,545	in PPM	152,143
Equivalent NaCl Concentration	in Mg/L	152,920	in PPM	134,114

**Scaling Tendencies**

\*Calcium Carbonate Index 1,093.12

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

\*Calcium Sulfate (Gyp) Index 2,000.00

*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: RW-052@701

Report # 3209

**BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972**

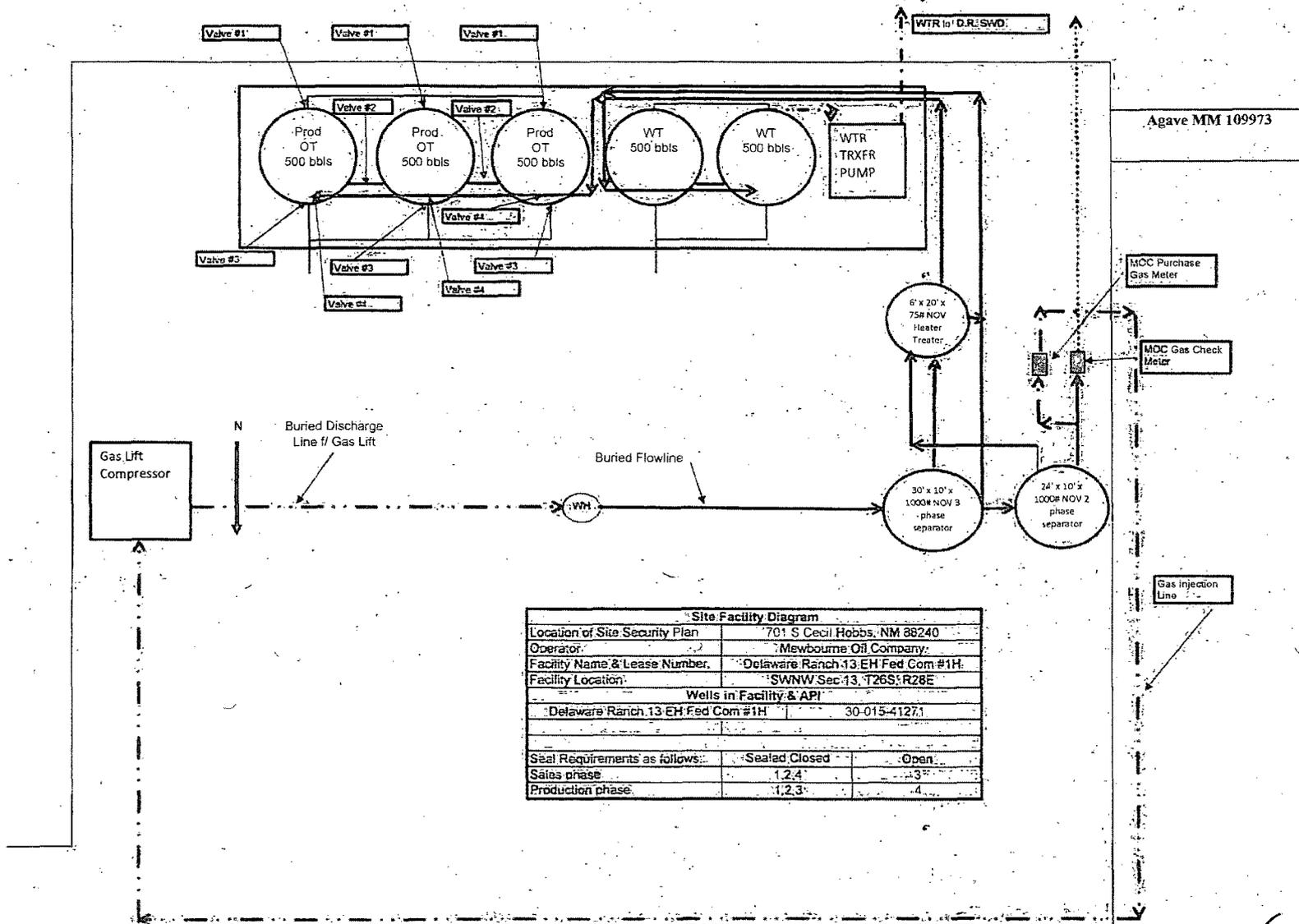
**4/9/2014 Approved subject to conditions of approval JDB:**

**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. All above ground structures on the lease shall be painted Shale Green (5Y 4/2), or as per approved APD stipulations. This is to be done within 90 days, if you have not already done so.
6. Any on-lease open top storage tanks shall be covered with a protective cover to prevent entry by birds and other wildlife.
7. This approval should not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.
8. 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 in this office if you have not already done so.
9. This approval is for produced water disposal only and any hydrocarbons removed from lease by this method will be subject to royalty payment as well as other enforcement actions as necessary.
10. Disposal at any other site will require prior approval.
11. Subject to like approval by NMOCD.

JDB2014



Site Facility Diagram		
Location of Site Security Plan	701 S Cecil Hobbs, NM 88240	
Operator	Mewbourne Oil Company	
Facility Name & Lease Number	Delaware Ranch 13 EH Fed Com #1H	
Facility Location	SWNW Sec 13, T26S, R28E	
Wells in Facility & API		
Delaware Ranch 13 EH Fed Com #1H	30-015-41271	
Seal Requirements as follows:	Sealed/Closed	Open
Sales phase	1, 2, 4	3
Production phase	1, 2, 3	4

*Subm. Head 1/13/14*

**ACCEPTED FOR RECORD**  
 APR 10 2014  
 BUREAU OF LAND MANAGEMENT  
 CARLSBAD FIELD OFFICE

**Accepted for Record Purposes.  
 Approval Subject to Onsite Inspection**