

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

OCD-HOBBS

## 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 ☐ Other2. Name of Operator  
Chesapeake Operating Inc.3a. Address  
P. O. Box 11050 Midland TX 79702-8050  
3b. Phone No. (include area code)  
(432) 687-29924. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
660' FNL & 2100' FEL, Sec. 30, T23S, R34E5. Lease Serial No.  
NMNNM68821

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Paloma 30 Federal #1 &amp; #2

9. API Well No.

30-025-36969

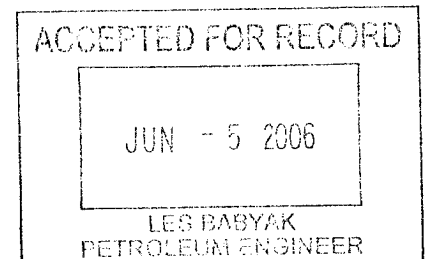
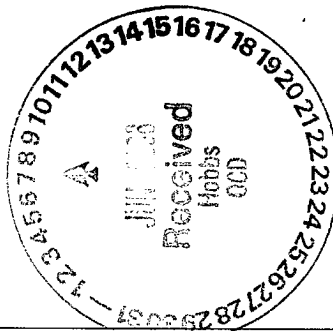
10. Field and Pool, or Exploratory Area  
Bell Lake Morrow Mid11. County or Parish, State  
Lea  
New Mexico

## 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 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	

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.)

Per the request of Katherine Haston with the BLM Hobbs office, please, find attached for your approval all of the salt water disposal information for these wells.

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

Brenda Coffman

Title Regulatory Analyst

Signature

Date 05/04/2006

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Date

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.

(Instructions on page 2)

GWW

## WATER PRODUCTION & DISPOSAL INFORMATION

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

1. Names(s) of all formation(s) producing water on the lease.  
Morrow
2. Amount of water produced from all formations in barrels per day.  
25 barrels per day
3. 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. - **Attached**
4. How water is stored on the lease.  
1 - 300 bbl. fiberglas water tank
5. How water is moved to the disposal facility.  
Trucked by Victory Services
6. Identify the Disposal Facility by:
  - A. Facility Operator Name South West Royalties Disposal
  - B. Name of facility of well name & number Cities Federal #2
  - C. Type of facility of well (WDW)(WIW), etc. WDE
  - D. Location by  $\frac{1}{4}$ ,  $\frac{1}{4}$ , Section, Township and Range SW/SW Sec. 20, T22S, R36E
7. Attach a copy of the State issued permit for the Disposal Facility. **Attached**

Submit all of the above required information to this office, 414 West Taylor, Hobbs, NM 88240, on a Sundry Notice Form 3160-5, 1 Original and 5 copies, within the required time frame. (This form may be used as an attachment to the Sundry Notice.) Call (505) 393-3612 if you need to further discuss this matter.

P.O. BOX 98  
MIDLAND, TX. 79702  
PHONE (432) 683-4521

**Martin Water Laboratories, Inc.**

709 W. INDIANA  
MIDLAND, TEXAS 79701  
FAX (432) 682-8819

### RESULT OF WATER ANALYSES

TO: Mr. Melvin Harper  
5014 Carlsbad Hwy Hobbs NM 88240

LABORATORY NO. 206-103  
SAMPLE RECEIVED 2-13-06  
RESULTS REPORTED 2-15-06

COMPANY Chesapeake LEASE Paloma 30 #2  
FIELD OR POOL 23S&34E  
SECTION 1 BLOCK 1 SURVEY 1 COUNTY Lea STATE NM  
SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Submitted water sample - taken 2-12-06

NO. 2 \_\_\_\_\_

NO. 3 \_\_\_\_\_

NO. 4 \_\_\_\_\_

REMARKS: Atoka

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0327			
pH When Sampled				
pH When Received	7.23			
Bicarbonate as $\text{HCO}_3$	256			
Supersaturation as $\text{CaCO}_3$				
Undersaturation as $\text{CaCO}_3$				
Total Hardness as $\text{CaCO}_3$	7.200			
Calcium as Ca	1.800			
Magnesium as Mg	656			
Sodium and/or Potassium	15.144			
Sulfate as $\text{SO}_4$	836			
Chloride as Cl	27.690			
Iron as Fe	47.9			
Barium as Ba	0			
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	46.382			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen.				
Hydrogen Sulfide	0.0			
Resistivity, ohm-in at 77° F.	0.172			
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filled, ml				

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks

Additional Determinations And Remarks In searching our cataloged records in the immediate vicinity and surrounding area of this well, we fail to find any Atoka records to compare with. Our more distant Atoka records in central east Eddy county show some similarity to this submitted sample, but the distance is generally considered too great for a reliable comparison. It is noted that this sample also resembles Morrow in the Antelope Ridge field.

Form No. 3

By

Greg Ogden, B.S.