

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
OCD Artesia

FORM APPROVED  
OM B No. 1004-0137  
Expires: March 31, 2007

**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.  
**SHL: NM 02447, BHL: NM 02447**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
**Big Eddy Unit 68294X**

8. Well Name and No.  
**Big Eddy Unit 248H**

9. API Well No.  
**30-015-40714**

10. Field and Pool, or Exploratory Area  
**WC Williams Sink (Bone Spring)**

11. County or Parish, State  
**Eddy County, New Mexico**

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**BOPCO, L. P.**

3a. Address  
**P. O. Box 2760 Midland, TX 79702**

3b. Phone No. (include area code)  
**432-683-2277**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SHL: NENE, UL A, 1175' FNL, 10' FEL, Sec 35, T19S-R31E, Lat: N32.620864, Long: W103.830839  
BHL: 380' FNL & 1155' FEL, Sec 34, T19S-R31E, Lat: N32.623019, Long: W103.851725**

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 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 <u>Cement operations.</u>
	<input checked="" 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 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 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.)

**BOPCO, L.P. respectfully requests to make the following changes to the above captioned well:**

Change the 9-5/8", 40#, J-55, LTC casing cement job from one stage to two stage. We believe this will increase the chances of returning cement to surface across the Capitan Reef. A DV tool and ECP will be set at approximately +/- 50' above the top of the reef in a section of gauge hole as determined by physical caliper log. Based on interpretation and offsets, we believe the top of the reef will be at 2,715'. Updated cement volumes are as follows:

Stage 1 - Tail: 625 sks Class "C" cement + additives (13.6 ppg, 1.71 cu ft/sk)

Stage 2 - Lead: 525 sks Class "C" cement + additives (12.7 ppg, 1.85 cu ft/sk)  
Tail: 120 sks Class "C" cement + additives (14.8 ppg, 1.33 cu ft/sk)

SEE ATTACHED FOR CONDITIONS OF APPROVAL  
**RECEIVED**  
JAN 08 2013  
**NMOCD ARTESIA**

Accepted for record  
NMOCD  
TC 1/8/2013

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed) **Christopher Giese** Title **Drilling Engineer**

Signature *Christopher Giese* Date **12/27/12**

**APPROVED**  
Date **JAN 4 2013**  
**/s/ Chris Walls**  
BUREAU OF LAND MANAGEMENT  
CAPITAN FIELD OFFICE

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

Approved by \_\_\_\_\_ Title \_\_\_\_\_  
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 \_\_\_\_\_

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.

### Conditions of Approval

1. The minimum required fill of cement behind the 9-5/8 inch intermediate casing is:

a. First stage to DV tool:

Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation on the next stage.

b. Second stage above DV tool:

Cement to surface. If cement does not circulate, contact the appropriate BLM office. **Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to potash.**