

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.  
NMNM04557

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.  
891000326X

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
BIG EDDY UNIT D14 271H

2. Name of Operator  
BOPCO LP  
Contact: LESLIE BARNES  
E-Mail: lbarnes@basspet.com

9. API Well No.  
30-015-42652-00-X1

3a. Address  
P O BOX 2760  
MIDLAND, TX 79702

3b. Phone No. (include area code)  
Ph: 432-221-7341

10. Field and Pool, or Exploratory  
WILLIAMS SINK

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 5 T20S R31E Lot 2 358FNL 2078FEL  
32.362722 N Lat, 103.532108 W Lon

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 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 Change to Original A PD
	<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 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.)

Due to lost circulation zones encountered while drilling the BEU D14 271H, BOPCO L.P plans to set a string of 72, 26 ppf, HCP-110, BTC casing at a depth of 4,261'. This will allow protection of the reef formation and the ability to drill 6-1/8" production hole. There is currently a string of 9-5/8", 40 ppf, LTC casing set at 3,653'. BOPCO will cement string in place, with a plan to bring cement up to the highest point possible based on loss circulation zones for the first stage and cement to surface on the second stage. Please see below for casing safety factors and cement slurries and volumes.  
Calculated Casing Safety Factors  
Collapse ? 3.74  
Burst ? 4.18  
Tension ? 7.24

*verbal granted on 12/12/14*

*Accepted for record*  
*AD NMOC 12/18/14*  
**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
DEC 18 2014  
RECEIVED

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #285061 verified by the BLM Well Information System For BOPCO LP, sent to the Carlsbad Committed to AFMSS for processing by JENNIFER MASON on 12/15/2014 (15JAM0126SE)**

Name (Printed/Typed) JEREMY BRADEN Title ENGINEERING ASSISTANT  
Signature (Electronic Submission) Date 12/12/2014

**APPROVED**  
DEC 18 2014  
BUREAU OF LAND MANAGEMENT  
CARLSBAD 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.

**Additional data for EC transaction #285061 that would not fit on the form**

**32. Additional remarks, continued**

Cement Info

BOPCO L.P. will be cementing the 7" string in place, a DV tool ECP will be placed in the string at +/- 3,340' to assure cement to surface on the second stage. The slurries and volumes are as follows:

Open hole Volumes were calculated based on a 12-1/4" hole with 100% excess. Cased hole volumes have a 20% calculated excess.

1st Stage

Lead Cement ? Econo Cem ? HLC ? 12.5 ppg, 2.06 ft<sup>3</sup>/sk s Vol= 120 sks

Tail Cement ? Cemex Premium Plus C ? 14.8 ppg, 1.33 ft<sup>3</sup>/sk Vol= 420 sks

2nd Stage

Lead Cement ? Econo Cem ? HLC ? 12.5 ppg, 2.06 ft<sup>3</sup>/sk Vol=280 sks

Tail Cement ? Cemex Premium Plus C ? 14.8 ppg, 1.33 ft<sup>3</sup>/sk Vol=50 sks

Due to lost circulation zones encountered while drilling the BEU DI4 271H, BOPCO L.P plans to set a string of 7", 26 ppf, HCP-110, BTC casing at a depth of 4,261'. This will allow protection of the reef formation and the ability to drill 6-1/8" production hole. There is currently a string of 9-5/8", 40 ppf, LTC casing set at 3,653'. BOPCO will cement string in place, with a plan to bring cement up to the highest point possible based on loss circulation zones for the first stage and cement to surface on the second stage. Please see below for casing safety factors and cement slurries and volumes.

#### Calculated Casing Safety Factors

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#### 2<sup>nd</sup> Stage

Lead Cement – Econo.Cem – HLC – 12.5 ppg, 2.06 ft<sup>3</sup>/sk      Vol=280 sks

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