

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD 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.*

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

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: INJECTION		5. Lease Serial No. NMLC061616A
2. Name of Operator BOPCO LP		6. If Indian, Allottee or Tribe Name
3a. Address MIDLAND, TX 79702		7. If Unit or CA/Agreement, Name and/or No. 891000303X
3b. Phone No. (include area code) Ph: 432-683-2277		8. Well Name and No. PLU PIERCE CANYON 3 FED SWD 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 3 T25S R30E SWSE 817FSL 1693FEL 32.154681 N Lat, 103.865697 W Lon		9. API Well No. 30-015-40435-00-X1
		10. Field and Pool, or Exploratory UNDESIGNATED
		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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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.)

BOPCO, L.P., respectfully submits the following changes to the casing and cementing program for the above listed well.

Abnormal pressures were experienced while drilling the Wolfcamp and Atoka sections followed by losses in the Morrow. In order to continue drilling, a drilling liner needs to be set into the top of the Morrow as outlined in the attachment.

A 7 5/8" production liner will be set at 14,433' instead of 16,500' with a minimum of 200' overlap into the previous casing string. Cement volumes will be modified as outlined in the attachment by a reduction in cement volume.

A 5 1/2" production liner will be set at 16,500' with a minimum of a 200' overlap into the previous

*Notify BLM if cement does not come to top of liner*

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #208731 verified by the BLM Well Information System For BOPCO LP, sent to the Carlsbad Committed to AFMSS for processing by CHRISTOPHER WALLS on 05/28/2013 (13CRW0119SE)	
Name (Printed/Typed) MATT HOOD	Title DRILLING ENGINEER
Signature (Electronic Submission)	Date 05/28/2013

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

Approved By CHRISTOPHER WALLS	Title PETROLEUM ENGINEER	Date 05/29/2013
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 Carlsbad		

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**Additional data for EC transaction #208731 that would not fit on the form**

**32. Additional remarks, continued**

casing string as outlined in the attachment and will be cemented as outlined in the attachment.

**CASING PROGRAM**

TYPE	INTERVAL MD	HOLE SIZE	PURPOSE	INSTALLATION TYPE
5 1/2", 23 ppf, HC L-80 Ultra FJ	14,233' – 16,500'	6 1/2"	Prod Liner.	New

**CASING DESIGN SAFETY FACTORS:**

TYPE	TENSION	COLLAPSE	BURST
5 1/2", 23 ppf, HCL-80 Ultra FJ	9.01	1.16	1.33

**CEMENT**

INTERVAL	AMOUNT SXS	FT OF FILL	TYPE	GALS/SX	PPG	FT/SX
7 5/8" Production Liner Tail: 11,450' – 14,433'	275	2993'	VersaCem H	5.05	14.40	1.24
5 1/2" Production Liner Tail: 14,233' – 16,500'	200	2,263'	VersaCem H	5.05	14.40	1.24