

MAY 14 2009

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Form 3160-5  
(April 2004)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTIESIA

FORM APPROVED  
OMB 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.***SUBMIT IN TRIPLICATE- Other instructions on reverse side.**1 Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other2 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)

**NESW, UL K, 1000' FSL & 1685' FWL, Sec 28, T24S, R31E, Mer NMP  
Lat N 32.183792, Lon W 103.785828**5 Lease Serial No  
**NM 0522A**

6 If Indian, Allottee or Tribe Name

7 If Unit or CA/Agreement, Name and/or No  
**Poker Lake Unit 001796**8 Well Name and No.  
**Poker Lake Unit #199**9. API Well No  
**30-015-36506**10 Field and Pool, or Exploratory Area  
**Wildcat (Devonian)**11 County or Parish, State  
**Eddy Co., 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 checked="" 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 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.)

**See Attached.****SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**14 I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)**Annette Childers**Title **Regulatory Clerk**

Signature

*Annette Childers*

Date

**5-16-09****THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

*Ryan D. Hall*Title **Petroleum Engineer** Date **MAY 12 2009**

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 **CFO**

Title 18 USC Section 1001 and Title 43 USC 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)

*MZ*

BOPCO, L.P. - casing change 5/04/09 attachment:

BOPCO, L.P. respectfully requests to alter the approved drilling liner casing design due to recent geological considerations.

This request is to change the approved 4-1/2", 15.10#, P110, LTC drilling liner design to a full production string of 5-1/2" and 4-1/2", L-80, LTC casing from surface to 16,480'.

A 6-1/2" open hole will be drilled from 14,630' to approximately 16,480' with 5-1/2", 23#, L-80, LTC production casing from surface to 12,000'. (Calculated safety factors: Collapse 1.14, Burst 1.20, of Tension 2.33, with 11.5 ppg drilling mud in hole). At 12,000' casing size will be reduced to 4-1/2", 15.10#/ft, L-80, LTC production casing with LSS 3.75" Special Drift from 12,000' to 16,480'. (Calculated safety factors: Collapse 1.11, Burst 1.25, and Tension 5.33, with 11.5 ppg drilling mud in hole).

A 3-3/4" open hole will be drilled to original Devonian TD from 16,480' to +/- 16,600'.

The approved cement amount will be adjusted as follows:

6-1/2" OH X 4-1/2" casing - 520 sx VersaCem-PBSH2 + additives (wt 13.0 ppg, yld 1.67 cuft/sk, water 8.83 gals/sk) (50% excess +/- 500' over lap above top of 7-5/8" Liner).

Approved casing was:

Surface: 20", 94#, J-55, STC to 958'

1st Intermediate: 13-3/8", 68#, N-80, STC to 4370'

2nd Intermediate: 9-5/8", 53.50#, P-110, LTC (LSS - 8.50" Special Drift) to 12,550'

1<sup>st</sup> Drilling Liner: 7-5/8", 39#, Q-135, SLX from 12,250'-14,700'

2<sup>nd</sup> Drilling Liner: 4-1/2", 15.10#, P-110, LTC (LSS - 3.75" Special Drift) from 14,700'-16,480'

Production: OH 16,480'-16,600'

BOPCO, L.P. would like to change as follows:

Surface: 20", 94#, J-55, STC to 958'

1st Intermediate: 13-3/8", 68#, N-80, STC to 4370'

2nd Intermediate: 9-5/8", 53.50#, P-110, LTC (LSS - 8.50" Special Drift) to 12,550'

Drilling Liner: 7-5/8", 39#, Q-135, SLX from 12,250'-14,630'

Production Casing: 5-1/2", 23#, L-80, LTC from 0' to 12,000' and 4-1/2", 15.10#, L-80, LTC (LSS Special Drift) from 12,000'-16,480'

Production: OH 16,480'-16,600'

→ Per operator : 5 1/2", 23#, L-80, BTC from 0-2,000'  
5 1/2", 23#, L-80, LTC from 2,000-12,000'

### **CONDITIONS OF APPROVAL**

Poker Lake Unit #199

API # 30-015-36506

BOPCO, L.P.

May 12, 2009

1. **The minimum required fill of cement behind the 7-5/8 inch driller liner and 5-½ x 4-½ inch tapered production casing is:**

☒ **Cement should tie-back at least to the top of the 7-5/8 inch liner at +/- 12,250 feet. Operator shall provide method of verification.**

2. **The open hole section will require a downhole commingle order since the Woodford Shale and the Devonian will be included in this open hole segment.**