

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.**5. Lease Serial No.  
NMLC068430

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.  
891000303X8. Well Name and No.  
POKER LAKE UNIT CVX JV PC 19H9. API Well No.  
30-015-42669-00-X110. Field and Pool, or Exploratory  
UNDESIGNATED11. 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 requests to change the production hole size from 8-1/2" to 8-3/4" and the production casing cement volumes. Please see attached.

Original COA's still apply as approved.

**NM OIL CONSERVATION**

ARTESIA DISTRICT

AUG 21 2015

Accepted for record  
NMLC068430

RECEIVED

URD

9/2/15

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #286495 verified by the BLM Well Information System

For BOPCO LP, sent to the Carlsbad

Committed to AFMSS for processing by MARISSA KLEIN on 06/26/2015 (15MGK0180SE)

Name (Printed/Typed) DON WOOD

Title DRILLING ENGINEER

Signature (Electronic Submission)

Date 12/30/2014

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

Approved By CHARLES NIMMER

Title PETROLEUM ENGINEER

Date 08/20/2015

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 \*\***

**TO:** Whitney McKee  
 Todd Carpenter  
**FROM:** Don Wood  
**SUBJECT:** PLU CVX JV PC #019H Production Hole Size and Cement Volume Changes  
**DATE:** December 22, 2014

Please file a sundry for changing the production hole size from 8-1/2" to 8-3/4" and the production casing cement volumes.

This table details the requested hole size and casing size changes made in the 12-18-14 sundry request:

### Casing Design and Hole Size

TYPE	INTERVAL MD	HOLE SIZE	PURPOSE	INSTALLATION TYPE
20"	No changes	No changes	No changes	No changes
13-3/8, 54.5 ppf, J-55, 8rd STC	Same as the 11-26-2014 requested changes	No change	No change	New
9-5/8", 40.0 ppf, J-55 LTC	No change	No change	No change	No change
5-1/2", 17.0 ppf, HCP-110 BTC	0-16,843'	8-1/2"	Production	New

This table details the requested production hole cement volume changes made in the 12-18-14 sundry request:

### Cement Design

INTERVAL	SACKS	FT of FILL	TYPE	GAL/SX	PPG	FT3/SX
<b>PRODUCTION:</b>						
<b>Stage 1</b>						
Lead: 5,800-8,794'	510	2,994'	VERSACEM + 0.7% HR-601, 10% Bentonite, 0.125 lbsk Poly-E-Flake, 0.50 lbm D-AIR 5000	13.29	11.9	2.30
Tail: 8,794-16,843'	1,955	8,049	VERSACEM + 0.50% LAP-1, 0.10% FWCA, 0.30% CFR-3, 0.2% HR-601, 0.125 lb/sk Poly-E-Flake, 0.50 lbm D-AIR 5000	5.59	14.5	1.23
<b>Stage 2</b>						
Lead: 3,300-5,500'	355	2,200	VERSACEM+ 10% Bentonite, 0.5 lbm D-AIR 5000, 0.125 lb/sk Poly-E-Flake	13.05	11.9	2.27
Tail: 5,500-5,800	90	300	HALCEM	6.34	14.8	1.33

This table details the new requested production hole size changes from 8-1/2" to 8-3/4":

### Revised Casing Production Hole Size

TYPE	INTERVAL MD	HOLE SIZE	PURPOSE	INSTALLATION TYPE
20"	No change	No changes	No changes	No changes
13-3/8, 54.5 ppf, J-55, 8rd STC	No change	No change	No change	New
9-5/8", 40.0 ppf, J-55 LTC	No change	No change	No change	No change
5-1/2", 17.0 ppf, HCP-110 BTC	0-16,843'	8-3/4"	Production	New

This table details the new requested production casing cement volume changes due to the hole size change:

### Revised Cement Volumes

INTERVAL	SACKS	FT of FILL	TYPE	GAL/SX	PPG	FT3/SX
<b>PRODUCTION:</b>						
<b>Stage 1</b>						
Lead: 5,800-8,794'	560	2,994'	VERSACEM + 0.7% HR-601, 10% Bentonite, 0.125 lb/sk Poly-E-Flake, 0.50 lbm D-AIR 5000	13.29	11.9	2.30
Tail: 8,794-16,843'	2,150	8,049	VERSACEM + 0.50% LAP-1, 0.10% FWCA, 0.30% CFR-3, 0.2% HR-601, 0.125 lb/sk Poly-E-Flake, 0.50 lbm D-AIR 5000	5.59	14.5	1.23
<b>Stage 2</b>						
Lead: 3,345-5,500'	380	2,155	VERSACEM+ 10% Bentonite, 0.5 lbm D- AIR 5000, 0.125 lb/sk Poly-E-Flake	13.05	11.9	2.27
Tail: 5,500-5,800	100	300	HALCEM	6.34	14.8	1.33

Cement excesses in the production hole will be 30% excess from 16,843'-8,794' and 70% excess from 8,794-3,845' plus 500' of cement fill inside 9-5/8" by 5-1/2" casing annulus back to 3,345'.