

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.
NMLC061616A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
PLU PIERCE CANYON 4-25-30 1H2. Name of Operator
BOPCO, L.P.Contact: NAOMI G O'DONNELL
E-Mail: ngodonnell@basspet.com

9. API Well No.

30-015-41137

3a. Address
P.O. BOX 2760
MIDLAND, TX 797023b. Phone No. (include area code)
Ph: 432-683-227710. Field and Pool, or Exploratory
NASH DRAW; DELAWARE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 4 T25S R30E 150FNL 660FEL
32.166451 N Lat, 103.879099 W Lon

11. County or Parish, and State

EDDY COUNTY 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 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 permission to amend the cement portion of the 8 point drilling program. Due to the approved APD being granted to Chesapeake, BOPCO, L.P. requests to use the cement program that is currently being implemented on BOPCO wells.

Surface and 1st Intermediate cements will match BOPCO's currently used slurries as outlined in the attachment.

Production cements will match BOPCO's currently used slurries and change from a 1 stage cement job to a 2 stage cement job as outlined in the attachment.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Accepted for record

4/20/2013

RECEIVED

JUN 12 2013

NMOCD ARTESIA

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

Electronic Submission #209790 verified by the BLM Well Information System
For BOPCO, L.P., sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 06/06/2013 ()

Name (Printed/Typed) COURTNEY J LOCKHART

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 06/05/2013

APPROVED

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD 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.

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Surface Casing Cement Design and Notes – Par Five

Conditioning: Circulate two casing volumes

Preflush: 20 bbls FW

Lead Slurry: Class "C" Cement: 4% Bentonite Gel + 2% Calcium Chloride + 0.125 lb/sk Cellophane + 0.25 lb/sk Antifoam

Lead Volume: 550 sacks

Lead Details: 13.5 ppg, 1.74 ft³/sk yield, H₂O 9.135 gal/sk

Tail Slurry: Class "C" Cement: 1% Calcium Chloride

Tail Volume: 300 sacks

Tail Details: 14.8 ppg, 1.33 ft³/sk yield, H₂O 6.323 gal/sk

Tail length: 280'

TOC: Surface

- Total volume is gauge hole volume + 100% excess.
- Displace 13-3/8" casing to float collar with PRODUCED WATER.

Intermediate Casing Cement Design and Notes – Par Five

Conditioning: Circulate two casing volumes

Preflush: 20 bbls FW

Lead Slurry: Class "C" Cement: 6% Bentonite Gel + 0.2% Retarder + 5 lb/sk Kol Seal + 0.25 lb/sk Antifoam + 5% Salt

Lead Volume: 420 sacks

Lead Details: 12.9 ppg, 1.92 ft³/sk yield, H₂O 9.838 gal/sk

Tail Slurry: Class "C" Cement: 0.2% Retarder

Tail Volume: 130 sacks

Tail Details: 14.8 ppg, 1.33 ft³/sk yield, H₂O 6.32 gal/sk

Tail Length: 500'

TOC: Surface

- Total volume is fluid caliper hole volume + 30% excess.
- Displace 8-5/8" casing to float collar with FRESH WATER

Production Casing Cement Design and Notes – Par Five

1st Stage

Conditioning: Circulate two casing volumes

Preflush: 40 bbls FW

Lead Slurry: 35/65 Class "H": Poz Cement: 5% Salt + 6% Bentonite + 0.6% Retarder + 0.125 lb/sk Cellophane + 0.25 lb/sk Antifoam + 3 lb/sk Kol-Seal LCM

Lead Volume: 620 sacks

Lead Details: 12.9 ppg, 1.91 ft³/sk yield, H₂O 9.922 gal/sk

Top of Lead: DV Tool

Tail Slurry: PVL Cement: 1.3% Salt + 5% Expanding Cement + 0.5% Gel Suppressing Agent + 0.1% Antisettling agent + 0.6% Retarder + 0.25 pps Antifoam

Tail Volume: 950 sacks

Tail Details: 13.0 ppg, 1.48 ft³/sk yield, H₂O 7.566 gal/sk

Top of Tail: KOP

TOC: +/- 5,000' (DV Tool)

See
COA

2nd Stage

Preflush: 20 bbls FW

Lead Slurry: 35/65 Class "C": Poz Cement: 5% Salt + 6% Bentonite + 0.6% Retarder + 0.125 lb/sk
Cellophane + 0.25 lb/sk Antifoam + 3 lb/sk Kol-Seal LCM

Lead Volume: 320 sacks

Lead Details: 12.9 ppg, 1.91 ft³/sk yield, H₂O 9.922 gal/sk

Top of Lead: 1,000' inside of 8-5/8" shoe

Tail Slurry: Class "C" Cement: 0.2% Retarder

Tail Volume: 130 sacks

Tail Details: 14.8 ppg, 1.33 ft³/sk yield, 6.320 gal/sk

Tail Length: 500'

TOC: 3,000'

Total volume is gauge hole volume + 50% excess.

Conditions of Approval

BOPCO, L.P.
PLU Pierce Canyon 4-25-30 1H
T25S-R30E, Sec 04
June 7, 2013

Original COAs still stand with the following modification:

1. Surface casing cement is approved as written.
2. Intermediate casing:

Excess calculates to negative 18% - Additional cement will be required.

3. Production cement as follows:

Operator has proposed DV tool at depth of 5000'. Operator is to submit sundry if DV tool depth varies by more than 100' from approved depth.

- 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 as proposed by operator. Operator shall provide method of verification. **Excess calculates to negative 11% - Additional cement will be required.**

JAM 060713