

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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OCD Artesia  
APR 16 2013

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.

5. Lease Serial No.

NMLC061616A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. 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)

Surface: SESE UL P, 814' FSL, 1630' FEL, Lat N32.154556, Long W103.865008

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

NMN71016F

8. Well Name and No.

Poker Lake Unit #348H

9. API Well No.

30-015-38669

10. Field and Pool, or Exploratory Area

Poker Lake, SW (Delaware)

11. County or Parish, State

Sec 3, T25S, R30E, Mer NMP

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 <b>Drilling Operations</b>
	<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.)

Spud well on 12/22/12. Drill 18-1/8" hole to 1,354'. 12/24/12 ran 32 jts 16", 84#, J-55, BTC set at 1,354'. 12/25/12 pump 20 bbls FW preflush followed by Lead 430 sks (144 bbls) EconoCem-HLCt + additives (12.9 ppg, 1.88 cu ft/sk), followed by Tail 220 sks (53 bbls) HelCem-C + additives (14.8 ppg, 1.34 cu ft/sk). Displace with 288 bbls BW. Bump plug with 390 psi and pressure up to 1070 psi-floats held. Circ 278 sks (93 bbls) cement to half frac. 12/26/12 Test annular, HCR valve, choke manifold, and related equipment to 250 psi low/1,000 psi high. WOC 29.75 hrs. Drill 14-3/4" hole to 3,958'. 01/03/13 ran 104 jts of 13-3/8", 68#, HCN-80, Ultra Flush set at 3,953'. Pump 20 bbls FW pre flush followed by Lead 1,050 sks (362 bbls) EconoCem-HLCt + additives (12.9 ppg, 1.82 cu ft/sk), followed by Tail 265 sks (63 bbls) HelCem-C + additives (14.8 ppg, 1.33 cu ft/sk). Displace with 580 bbls FW. Bump plug with 1,300 psi and pressured up to 2,000 psi - floats held. Circ 202 sks (70 bbls) cement to half pit. 01/06/13 Tested BOPE, blind rams, pipe rams, mud cross, kill line and valves, stand pipe, mud lines and floor safety valves to 250 psi low/5,000 psi high. Test casing to 1,500 psi - good test. Test Annular to 250 psi low/1,700 psi high. 01/08/13 test surface lines to 250 psi low/3,000 psi high. Drill 12-1/4" hole to 11,690'. 02/01/13 ran 253 jts 9-5/8", 53.5#, HCP-110, LTC set at 11,689'. 02/01/13 Stage 1 pump 20 bbls FW spacer followed by lead 390 sks (206 bbls) Tuned Light + additives (10.5 ppg, 2.97 cu ft/sk) followed by Tail 1,600 sks (353 bbls) VersaCem-H + additives (14.4 ppg, 1.24 cu ft/sk). Displace with 20 bbls FW + 400 bbls 10 ppg brine + 20 bbls FW + 423 bbls 9.7 ppg drilling fluid from pits. Did not bump plug. Held 980 psi for 5 minutes. Released pressure, recieved 2 bbls back. Pressure up to 1,600 psi, open DV tool. No circulation. Pumped 150 bbls. of 9.7 ppg drilling fluid with no returns. Began pumping 8.4 ppg fresh water pressure began spiking pressured up to 1,600 psi and established circulation. Large amount of LCM was circulated to surface. No cement circulated to surface.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Katy Holster

Title Engineering Assistant

Signature

Date

Accepted for record  
NMOCD  
4/17/13

ACCEPTED FOR RECORD  
04/01/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

APR 16 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

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.

CARLSBAD FIELD OFFICE

(Instructions on page 2)

PLU #348H Drilg Ops Sundry cont'd

Pressure test surface lines to 5,000 psi - test good. Pump 20 bbls. of spacer with red dye, followed by 220 bbls. fresh water. 02/02/13 stage 2 pump 240 bbls FW followed by Lead 530 sks (273 bbls) Tuned Light + additives (10.2 ppg, 2.89 cu ft/sk), followed by Tail 50 sks (12 bbls) of HalCem C (14.8 ppg, 1.33 cu ft/sk). Displace with 385 bbls FW. Bumped plug with 160 psi and pressured up to 1,800 psi – floats held. Circulated 205 bbls red dye to surface. Estimated TOC @ 350'. 02/03/13 tested BOP's to 250 psi low/10,000 psi high. Test annular to 250 psi low/7,000 psi high. Test casing to 1,500 psi. Test stand pipe to 3,000 psi – all tests good. WOC 26 hrs. 02/20/2013 Perform cement squeeze job as follows: Set RTTS at 10,497', Perform casing integrity test above packer by closing annular. Used Halliburton to pressure up on casing above packer to 2,000 psi. Good test. Release packer. Open annular. Pull up to 10,403'. Set packer. Close annular. Begin pumping down the drill pipe @ 1.0 BPM for 3.5 bbls, pressured up to 1,800 psi. Shut down pump. Pressure decreased from 1,800' psi to 1,554 psi. within 10 minutes. Bleed off pressure to zero. Test annulus to 2,000 psi, Good test. Open annular. Trip out to 10,187' Set packer. Close annular, and test annulus to 2,000 psi test good. Bleed off pressure. Open annular. Pressure test surface lines to 7,000 psi test good. Pump 20 bbls of fresh water spacer, followed by, 400 sacks ( 77 bbls.) of 16.4 ppg, 1.07 cuft/sk Premium H cement plus additives. Pump truck volume showed 110 bbls of cement pumped. Reversed circulate two drill pipe volumes (169 bbls). To insure pipe was clear of all cement. We pumped 89 bbls. down back side before cement returned to surface. Set packer at 10,187'. Close annular and pump down kill line to test annular. Pressured up to 2,000 psi test good. Release pressure and open annular. close annular. Pump down backside of drill pipe at 10,187'. Pressured up to 2000 psi. Good test on packer. Release pressure on back side. Open annular. Release packer. Pressure test surface lines to 7,000 psi. test good. Pump 20 bbls of fresh water spacer followed by, 400 sacks ( 77 bbls) of 16.4 ppg, 1.07 cuft/sk Premium H cement plus additives. Followed by 20 bbls. of fresh water, 67 bbls. of 9.7# brine. Set RTTS at 10,187'. Put 30 Klbs string WT on RTTS packer. Close annular and hole 500 psi back pressure. Bled off to 350 psi. Begin squeeze through RTTS packer. Had 36 psi while catching up to cement. Annulus pressure increased to 1,050 psi. 36 bbls into squeeze. Drill pipe pressure was 1,035 psi, and annulus pressure was 1,900 psi. Set packer and pressure up on casing to 500 psi. Displace 77 bbls of 16.4 ppg, 1.07 cuft/sk Premium H plus additives with mud at 2 BPM with 200 psi. Pressure increase to 1,900 psi 26 bbls into displacement. Monitor volume and pressure every 5 minutes for a total of 97 bbls. Temporarily abandoned well and rig released 03/01/2013.