

RM

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

JUL 17 2009

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 797023b 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 0017968 Well Name and No
Poker Lake Unit #1999 API Well No.
30-015-3650610. 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

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other **Drig Operations**

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.14 I hereby certify that the foregoing is true and correct
Name (Printed/Typed)**Annette Childers**Title **Regulatory Clerk**

Signature

Annette Childers

Date

*6/26/09***ACCEPTED FOR RECORD****THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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.

Title

Office

JUL 17 2009**BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**

Title 18 USC Section 1001 and Title 43 USC Section 1212, make it a crime for any person knowingly and willfully making 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)

7/12

AKI
6/26/09

Spud well on 1/08/2009. Drill 26" hole to 958'. Ran 5 jts 20", 94#, J-55, BTC & 16 jts 20", 94#, K-55, BTC csg set at 958'. Cemented with 1035 sx EconoCem-HLC + 2.7 pps Salt + 3 pps Gilsonite (wt 12.8, yld 1.88) followed by 750 sx HalCem-C + 1% CaCl + 3 pps Gilsonite (wt 14.8, yld 1.34). Displace with 13 bbls FW. Float collar held. Circ 583 sx to surface. WOC 17 hrs. Tested casing, annular and choke manifold to 1000 psi - held ok.

Drill 17-1/2" hole to 4283' and bit torqued up leaving one shank and cone in hole. Fished out and continued drilling 17-1/2" hole to 1st intermediate at 4345'. Ran 6 jts 13-3/8", 72#, N-80, BTC & 104 jts 13-3/8", 72#, L-80, BTC csg set at 4345'. Cemented with 2200 sx EconoCem-H + 0.1% HR601 + 3 pps Gilsonite (wt 11.9, yld 2.47) followed by 1075 sx HalCem-C + 0.4% Halad (R)-322 (wt 14.8, yld 1.33). Displace with 613 bbls FW. Bumped plug - floats held. Circ 637.2 sx to surface with good returns. WOC 61.5 hrs. Tested casing to 1000 psi - held ok. Tested shoe to 1,000 psi for 30 minutes.

Drilled 12-1/4" hole to 12,550'. Ran 272 jts 9-5/8", 53.50#, HCP-110, LTC, set at 12,545'. Cemented in two stages - Stage 1: cemented with 700 sx EconoCem-H + 10% BWOC + 8.0 pps NaCl Salt + 3.0 pps Gilsonite + 0.5% HR-601 + 0.4% Halad-322 (wt 11.9, yld 2.47) followed by 300 sx VersaCem-H + 0.5% Halad-R-344 + 0.5% CFR-3 w/o Defoamer + 5 pps Gilsonite + 1 pps Salt + 0.3% HR-800 (wt 13.0, yld 1.68). Displace with 300 bbls BW and 582 bbls cut brine. Bumped plug floats held. Dropped opening bomb to open DV tool. Stage 2: cemented with 1400 sx EconoCem-H + 3.0 pps Gilsonite (wt 11.9, yield 2.48) followed by 100 sx HalCem-H (wt 15.6, yld 1.18). Displace with 615 bbls BW. Bumped plug and closed DV tool w/1700 psi, floats held. Ran temperature survey - TOC 4139'. Test BOPE - stack, chokes, kill lines, kelly cocks, kelly safety valves, inside blowout preventer. Tests run at 250 psi low/10,000 psi high. Test BOPE- stack, chokes, kill lines, kelly cocks, kelly safety valves, inside blowout preventer. Tests run at 250 psi low/10,000 psi high. Tagged DV Tool at 8322', drill out DV Tool. Run gyro from surface to 12,428' MD. Survey @ 12,428' MD, 12,426.42' TVD, 1.50 deg inc, 197.36 deg AZ, S 21.18', E 15.83', DLS 0.94. Horizontal displacement @ 12,428' MD is 26.44' @ 143.22 deg AZ.

Drill 8-1/2" hole to 14,637'. Ran E-logs - Run 1 - PEX 3DLD CN/GR w/cal. Run 2 - Ran PEX Hi-Res LA Micro-CFL.HNGS. Run 3 - PEX 3DLD CN/GR w/cal main run. Loggers TD 14,644'. Circulate hole clean. 4-6' Flare for 10 minutes. Pump 70 bbls 60 vis 25 ppg LCM pill. Slug pipe with 35 bbls 15.9 ppg. Drop drill pipe rabbit. Run 50 jts 7-5/8", 39# Q-125 Hydril SLX liner. Pick up liner hanger/packer assy. Set Liner Hanger, liner top at 12,189'. Cemented liner with 20 bbls tuned spacer ahead followed by 525 sx Halcem Cemex Premium + 0.6% Halad-344 + 0.4% Halad-322 + 0.4% HR-601 (wt 15.6, 1.19 yld), followed by displacement of 3 bbls FW and 286 bbls (calculated) of mud. Bumped plug 28 bbls early with 1770 psi and floats held. Released pressure and back flowed 1 bbl of fluid. Set Liner Packer with 10' extension. PU out of Hanger. Circ 226 bbls mud w/ 178 sx cement to surface. Test BOP stack, chokes kill lines, kelly cocks, kelly safety valves, inside blowout preventer, etc to 250 psi low/10,000 psi high. Hydril test 250 psi low/5,000 psi high. Mud lines test 250 psi low/4,000 psi high. Tagged top of liner at 12,189'. Tagged top of cement @ 14,456'. Picked up to 14,441' to circulate and condition mud to 11.5 - 12.0 ppg while rig slip and cut drilling line. Rig's SLM was 14,505'.

Drill 6-1/2" hole to 16,543'. Ran 4550' of 4-1/2" 15.10#, L-80 LT&C double shoe jt, 9590' of 5-1/2" 23#, L-80 LT&C, & 2444' of 5-1/2" 23#, L-80 Buttress thread casing set at 16,543'. Cemented with 225 sx of VersaCem-H 64.9% + Lafarge Poz-mix 5.4% + silicalite blend 29.7% + 0.400% BWOC CFR-3 + 0.500% BWOC Halad-344 + 0.250 pps D-air 3000 + 0.400% BWOC HR-601 (wt 13.0, 1.65 yld). Displace with 2% KCL water, calculated displacement at 317.25 bbls bumped plug with 317.25 bbls. Bumped plug at 3650 psi. Plug held with 3 bbls bled back. Rig released on 5/30/2009.