

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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.
NMNM03358

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
NEBU 604 COM 2H

9. API Well No.
30-045-35794-00-X1

10. Field and Pool or Exploratory Area
BASIN MANCOS

11. County or Parish, State
SAN JUAN COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
BP AMERICA PRODUCTION CO
Contact: TOYA COLVIN
E-Mail: Toya.Colvin@bp.com

3a. Address
PO BOX 3092
HOUSTON, TX 77253

3b. Phone No. (include area code)
Ph: 281.892.5369

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 13 T31N R7W SWNW 1891FNL 594FWL
36.901585 N Lat, 107.529243 W Lon

12. CHECK THE 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"/> Hydraulic Fracturing	<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 Drilling Operations
	<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 recomplete 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Please see the attached remedial cement operations performed on the subject well March 2018.

NMOC
APR 05 2018
DISTRICT III

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #407580 verified by the BLM Well Information System For BP AMERICA PRODUCTION CO, sent to the Farmington Committed to AFMSS for processing by JACK SAVAGE on 03/27/2018 (18JWS0106SE)

Name (Printed/Typed) TOYA COLVIN Title REGULATORY ANALYST

Signature (Electronic Submission) Date 03/13/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED** Title JACK SAVAGE PETROLEUM ENGINEER Date 03/27/2018

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 Farmington

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.

(Instructions on page 2) **** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOC TV

**NEBU 604 Com 2H
REMEDIAL CEMENT OPS Report**

February-March 2018

02/28/18 – MIRU to location; test BOP; RU WL and set RBB at 6341' inside 5 ½" liner

03/01/18 – Press test RBP @ 1000 psi – OK; dump 40' of sand on top of RBP

03/02/18 – RIH w/ work string; tag TOS @ 6303'; pull up to 6281'; spot 3 bbl of cement (15.8 ppg; 1.154 cf/sk) ; pull up to 6095' and reverse clean; POH; MU and round trip 8 ¾" string mill to 3558'; RU WL and perforate 4 shots at 3520' and 4 shots at 2462'; RD WL

03/03/18 – MU packer; RIH and set at 2503'; break circulation through lower perms and up the upper perms; release and POH w/ packer

03/04/18 – RU WL and RIH w/ CR; set CR at 3450'; RU cement crew; circulate down work string and up the upper perms; pump 30 bbl chem wash; 10 bbl fresh water spacer; 78.7 bbl 12.4 ppg (1.947 cf/sk) lead slurry and 25 bbl 15.8 ppg (1.154 cf/sk) at 4 bpm; displace cement w/ 15 bbl fresh water; sting out of retainer and pull up 16'; start circulation – got cement returns at 240 bbl pumped – 10 bbl cement back; circ clean; Pull up to 2502' – spot 10 bbl cement plug (15.8 ppg; 1.154 cf/sk); POH w/ work string; start hesitation squeeze – displaced 2.5 bbl at 600.psi; WOC

03/05/18 – WOC

03/06/18 – MU drill out BHA; RIH to TOC at 2366'; break circulation and drill out cement to 2502'; fall through and circulate clean

03/07/18 – RIH and tag cement on top of retainer at 3431'; pressure test upper squeeze hole to 500 psi for 10 min – good test; POH drill string & BHA; RU WL and run CBL from 3430' to 2320' – log shows isolation between zones; submitted log and press test chart to NMOCD and BLM; received approval to continue with operations; RIH w/ drilling BHA and drill out cement, retainer and cement below it; fall through at 3521'; circulate clean; pressure test casing to 500 psi for 30 min – good test

03/08/18 – RU WL and run CBL from 3430' to 2320' – log shows isolation between zones; submitted log and press test chart to NMOCD and BLM; received approval to continue with operations; RIH w/ 8.75 bit and 8.5 string mill – tag at 5975'- clean out to 6037' (TOL); circulate clean; POH; Pick up sealbore polishing mill and RIH inside liner hanger – tag no go at 6037'; circulate clean; started to POH but got hang up 15' up from liner top; work tubing free and attempt to get back into liner – 6 ft short of original depth; POH w/ polishing assembly

03/09/18 – RIH w/ 4 ½" bit on 2 ¾" tubing to 6073'; clean out to 6083'; circulate well clean; POH; RIH w/ sealbore polishing mill to no go; pull up above liner top and circulate; work polishing mill in and out of sealbore several times; POH and lay down polishing mill assembly; RU and RIH w/ tieback string – DV tool installed above seal assembly; sting into liner hanger; pressure test seal assembly to 2200' psi and monitor for 10 min – good test; pressure up to 2812 psi and open DV tool; pump 10 bbl fresh water; 170 bbl lead slurry (12.6 ppg; 465 sk, 1.84 cf/sk) and 158 bbl tail slurry (13.5 ppg, 640 sk, 1.3 cf/sk); drop closing plug and displace cement with 132 bbl water; bump plug at 3500 psi; monitor for 5 min; release pressure – DV tool closed; 21 bbl slurry return to surface; RD cement equipment; set casing in slips and energize slips; cut off pipe; NU WCE; WOC 8 hrs; RIH w/ 4.5 bit; drill out stage tool @ 6032'; RIH and wash down to top of RBP @ 6320'; circulate clean; POH drilling BHA;

03/10/18 – RIH w/ retrieving head; clean out sand on top of RBP; release RBP and POH; ND BOP; NU 13 ¾" x5" 10K tubing head; NU 5" 10K frac valve; RD service unit

NEBU 604-2H
API # 30-045-35794

GL 6500'
KB 25'

