

Submit 1 Copy To Appropriate District Office  
 District I - (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II - (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV - (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO. <b>30-045-09862</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <b>Johnson</b>
8. Well Number <b>1</b>
9. OGRID Number <b>000778</b>
10. Pool name or Wildcat <b>Aztec Pictured Cliffs</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>5827'</b>

**SUNDRY NOTICES AND REPORTS ON WELLS**  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well  Gas Well  Other

2. Name of Operator  
**BP America Production Company**

3. Address of Operator  
**737 North Eldridge Pkwy, 12.181A  
Houston, TX 77079**

4. Well Location  
 Unit Letter **J** : **1650** feet from the **South** line and **1550** feet from the **East** line  
 Section **02** Township **30N** Range **11W** NMPM County **San Juan**

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input checked="" type="checkbox"/> OTHER: <b>Test Bottom Hole Pressures in the Fruitland Coal</b> <input checked="" type="checkbox"/>	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Before the P&A of the subject well, BP America Production Company respectfully requests to take some bottom hole pressure (BHP) measurements in the Cahn and Cottonwood formations of the Basin Fruitland Coal.

\*This approval does not allow the production of any fluids.

OIL CONS. DIV DIST. 3

Spud Date:  Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Toya Colvin TITLE Regulatory Analyst DATE 01/13/2016

Type or print name Toya Colvin E-mail address: Toya.Colvin@bp.com PHONE: 281-366-7148

APPROVED BY: [Signature] TITLE DEPUTY OIL & GAS INSPECTOR DATE 2/10/16  
 Conditions of Approval (if any): PV

January 13, 2016

NMOCD

BP would like to take some bottom hole pressure (BHP) measurements in the Cahn and Cottonwood formations prior to the permanent abandonment of the **Johnson 001** well as per the attached procedures and wellbore schematics

### Bottom Hole Pressure Measurement Procedure

Aztec Pictured Cliffs

1650' FSL and 1150' FEL, Section 2, T30N, R11W

San Juan County, New Mexico / API 30-045-09862

1. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
2. POOH with Current BHA:  
Rods: Yes  , No  , Unknown  .  
Tubing: Yes  , No  , Unknown  , Size 1-1/4" , Length unknown .  
Packer: Yes  , No  , Unknown  , Type  .  
Round trip 5.5" mill to 2370'.
3. RIH with GR/CCL/CBL/CNL log and log from 2370' to Surface
4. RIH and set 5.5" RBP at 2,350'. Circulate well clean. TOH.
5. RIH with 3-3/8" DH Perforating guns, 1 spf, 0 deg. Phasing and shoot the Cahn formation from 2,333' to 2,346' (**Depths to be adjusted as per the results of the GR/CNL log**), POOH
6. RIH with 3-3/8" DH Perforating guns, 1 spf, 0 deg. Phasing and shoot the Cahn formation from 2,233' to 2,243' (**Depths to be adjusted as per the results of the GR/CNL log**), POOH
7. **RIH with the following BHA:**
  - 2-3/8" Muleshoe
  - Pup Joint
  - 1.78" F Nipple
  - 2-3/8" Pup Joint
  - 5-1/2" X 2-3/8" ASI-X Packer (To be set @ ~2,300')
  - 2-3/8" Pup Joint
  - 2-3/8" Tbg as required to space out sliding sleeve
  - 2-3/8" Sliding Sleeve (To be set ~2,230')
  - 2-3/8" Tbg as required to space out packer
  - 5-1/2" X 2-3/8" Hyd. Set packer (To be set @2,200')
  - 2-3/8" Tbg as required to surface

8. Space out BHA as per required depths (Final depths dependant on perms and log), set mechanical packer and hydraulic packer. Move rig out of location
9. R/U Slick line company and RIH with tandem bottom hole memory gauges and stop 20 FT above 1.78" nipple – DO NOT SET lock on profile.
10. Start pumping down the tubing, record time, pump until catching pressure, record time and volume, inject 10 bbls at 1 bpm. Shut down and record time.
11. Set plug with gauges in nipple, record time, shear off running tool and POOH, leave gauges for 5 days in the hole. POOH
12. RIH with plug and set on 1.78" F nipple, test tubing to 500 psi.
13. RIH with slick line and open sliding sleeve at ~2,230', POOH with shifting tool
14. RIH with lock and tandem bottom hole memory gauges, stop 20 FT above the profile of the sliding sleeve. Do not set lock on profile
15. Start pumping down the tubing, record time, pump until catching pressure, record time and volume, inject 10 bbls at 1 bpm. Shut down and record time.
16. Set plug with gauges in nipple, record time, shear off running tool and POOH, leave gauges for 5 days in the hole. POOH
17. R/U service unit and nipple down wellhead and nipple up BOP
18. POOH with packer s and sliding sleeve BHA
19. RIH with retrieving tool and POOH with RBP
20. Continue with approved P&A procedure as per COA from NMOCD / BLM

# Johnson 001

## Proposed BHP Measurements

Aztec Pictured Cliffs  
 1650' FSL, 1150' FEL, Section 2, T-30-N, R-11-W  
 San Juan County, NM, API #30-045-09862

Today's Date: 01/13/16  
 Spud: 3/26/56  
 Completed: 4/1/56  
 Elevation: 5835' GI

