

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.

30-045-09862

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Johnson

8. Well Number

1

9. OGRID Number

000778

10. Pool name or Wildcat

Aztec Pictured Cliffs

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**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

5827'

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

DOWNHOLE COMMINGLE ☐

CLOSED-LOOP SYSTEM ☒

OTHER: **Test Bottom Hole Pressures in the Fruitland Coal** ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☐

OTHER: ☐

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:

03/26/1956

Rig Release Date:

JAN 19 2016

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**

For State Use Only

DEPUTY OIL & GAS INSPECTOR

APPROVED BY:

Bob Pal

TITLE

DISTRICT #3

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

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

Set packer at 2,200'

Sliding Sleeve @ 2,230'

Perforate Cottonwood 2,233 – 2,243'

Set packer @ 2,300'

Perforate Cahn 2,333' – 2,346'

Set RBP @ 2,350'

Pictured Cliffs

Perforations:
2370' – 2434'

5.5", 15.5#, J-55 Casing set @ 2388'
Cement with 100 sxs