

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.  
NMSF079511A

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

8. Well Name and No.  
ARCHULETA 2

9. API Well No.  
30-045-23607-00-S1

10. Field and Pool or Exploratory Area  
BLANCO PICTURED CLIFFS

11. County or Parish, State

SAN JUAN COUNTY, NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

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

3a. Address 3b. Phone No. (include area code)  
501 WESTLAKE PARK BLVD. THREE ELDRIGE PLACE Ph: 281-892-5369  
HOUSTON, TX 77079

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 19 T30N R8W NENW 450FNL 850FWL  
36.482000 N Lat, 107.432000 W Lon

OIL CONS. DIV DIST. 3

APR 07 2017

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<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 recompleate 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 recompleation 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.

BP requests to isolate the Pictured Cliffs formation with a CIBP, re-complete into the Basin Fruitland Coal formation and produce the Fruitland Coal for a period of time, then remove the CIBP and downhole commingle production with the existing Pictured Cliffs.

The Basin Fruitland Coal (71629) & the Blanco Pictured Cliffs (72359) pools are pre-approved for DHC per NMOCD Case No. 12346; Order No. R-11363 effective 04/26/2000. The interest owners are not identical between these two pools, therefore notification is required and has been sent by certified mail. Please see attached Land Letter.

During Commingle: Production is proposed to be allocated based on the subtraction method using the Pictured Cliffs projected future decline. That production will serve as a base for production subtracted from the total production for the commingled well. The balance of the production will be

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #371226 verified by the BLM Well Information System  
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington  
Committed to AFMSS for processing by JACK SAVAGE on 04/03/2017 (17JWS0082SE)

Name (Printed/Typed) TOYA COLVIN

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 03/28/2017

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By JACK SAVAGE

Title PETROLEUM ENGINEER

Date 04/03/2017

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 \*\***

NMOCD TV

8

**Additional data for EC transaction #371226 that would not fit on the form**

**32. Additional remarks, continued**

attributed to the Basin Fruitland Coal.

Commingling production downhole in the subject well from the proposed pools will not reduce the value of the total remaining production.

Please see the attached procedure including wellbore diagrams and C-102 plats.

**Archuleta 002 - PC**  
**API # 30-045-23607**

**Reason/Background for Job**

Archuleta 002 is currently configured as a Picture Cliffs producer originally completed in 1979. The well has been identified as a Fruitland Coal re-complete candidate

The proposed work is to isolate the current PC perforations, and recomplete to the Fruitland Coal. The PC interval will remain isolated with the possibility to be comingled with the FC at a later date

**Basic job procedure**

1. Pull completion
2. Set CIBP @  $\pm 3000'$
3. MIT casing
4. Perforate FC  $\pm 2702 - 2995'$  (gross)\* and frac in multiple stages
5. Drill out stage isolation plugs (if used) to CIBP @  $\pm 3000'$
6. Run completion and return well to production

\* Actual perforated intervals will be reported in the post operations report

## Current WBD



Archuleta 002

PC

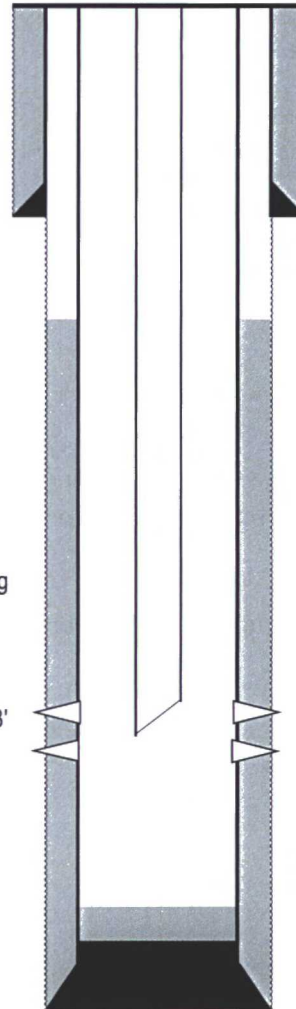
API 30- 045-23607

Sec 19 T30N R08W

San Juan County, NM

GL 6268'

KB 13'



### Surface Casing

12 1/2" hole

8 5/8", 24# K55 @ 190'

150 sx B

TOC not reported

1 1/4" tbg

EOT @ 3083'

### PC Perfs - 4 spf

3004 - 3009

3030 - 3040

3057 - 3066'

Frac w/ 30K # 10/20 70Q

### Production Casing

7 7/8" hole

4 1/2", 10.5# K55 @ 3148'

725 sx poz mix; 100 sxs B neat

TOC not reported

PBTB 3108'

TD 3148'

## Proposed WBD



Archuleta 002  
PC  
API 30- 045-23607  
Sec 19 T30N R08W  
San Juan County, NM

GL 6268'  
KB 13'

2 3/8" Tbg @ ± 2995'

CIBP @ ± 3000'

PBTD 3108'  
TD 3148'

### Surface Casing

12 1/2" hole  
8 5/8", 24# K55 @ 190'  
150 sx B  
TOC not reported

### FC Perfs (proposed)

± 2702 - 2995' (gross)

### PC Perfs - 4 spf

3004 - 3009  
3030 - 3040  
3057 - 3066'  
Frac w/ 30K # 10/20 70Q

### Production Casing

7 7/8" hole  
4 1/2", 10.5# K55 @ 3148'  
725 sx poz mix; 100 sxs B neat  
TOC not reported



**District I**

1625 N. French Dr., Hobbs, NM 88240

**District II**

1301 W. Grand Avenue, Artesia, NM 88210

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410

**District IV**

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102

Revised July 16, 2010

Submit one copy to appropriate

District Office

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-045-23607	<sup>2</sup> Pool Code 72359	<sup>3</sup> Pool Name Blanco Pictured Cliffs
<sup>4</sup> Property Code 000268	<sup>5</sup> Property Name Archuleta	<sup>6</sup> Well Number 2
<sup>7</sup> OGRID No. 000778	<sup>8</sup> Operator Name BP America Production Company	<sup>9</sup> Elevation 6268

**<sup>10</sup> Surface Location**

UL or lot no. C	Section 19	Township 30N	Range 08W	Lot Idn	Feet from the 450	North/South line North	Feet from the 850	East/West line West	County San Juan
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**<sup>11</sup> Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres 169.64	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. R-11363
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<b>16</b>		<b><sup>17</sup> OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i>  Signature Date 3/27/17 Tova Colvin Printed Name Tova.Colvin@bp.com E-mail Address
<b><sup>18</sup> SURVEYOR CERTIFICATION</b> <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Date of Survey Signature and Seal of Professional Surveyor:  Previously Filed Certificate Number		

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
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Form C-102  
Revised July 16, 2010  
Submit one copy to appropriate  
District Office  
☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-045-23607		<sup>2</sup> Pool Code 71629		<sup>3</sup> Pool Name Basin Fruitland Coal	
<sup>4</sup> Property Code 000268		<sup>5</sup> Property Name Archuleta			<sup>6</sup> Well Number 2
<sup>7</sup> OGRID No. 000778		<sup>8</sup> Operator Name BP America Production Company			<sup>9</sup> Elevation 6268

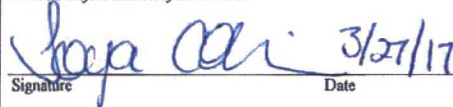
**<sup>10</sup> Surface Location**

UL or lot no. C	Section 19	Township 30N	Range 08W	Lot Idn	Feet from the 450	North/South line North	Feet from the 850	East/West line West	County San Juan
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**<sup>11</sup> Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres 228.06		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No. R-11363			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16 850' 1 2 8		<b><sup>17</sup> OPERATOR CERTIFICATION</b>	
		<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i>	
		 Signature <span style="float: right;">Date 3/27/17</span>	
		Toya Colvin Printed Name  Toya.Colvin@bp.com E-mail Address	
		<b><sup>18</sup> SURVEYOR CERTIFICATION</b>	
		<i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>	
		Date of Survey Signature and Seal of Professional Surveyor:	
		Previously Filed	
		Certificate Number	



BP America Production Co.  
Lower 48 Onshore

Craig T. Ferguson  
craig.ferguson@bp.com  
281-892-5743 (direct)

E3, 12.173B  
737 N. Eldridge Parkway  
Houston, Texas 77079

BP America Production Company  
737 N. Eldridge Parkway  
Houston, TX 77079

RE: Archuleta 002 – Commingle Application  
NENW Section 19-T30N-R08W  
San Juan County, NM  
API #30-045-23607

Hello:

I have reviewed BP America Production Company's division order records and other BP files concerning the above captioned well by comparing interest records for the Pictured Cliffs formation in the NW/4 of Sec 19-T30N-R08W against the interest records for the Fruitland Coal formation as produced from the Archuleta GC B 001 FC (API 300-45-28268) in the W/2 of Sec 19-T30N-R08W.

This review indicated that ownership in the Pictured Cliffs; Fruitland Coal formations are as follows:

<u>Pictured Cliffs – NW/4 Section 19-T30N-R08W (160.0 acres)</u>	
BP America Production Company	50.00% WI
ConocoPhillips Cos.	50.00% WI
TOTAL	100.00% WI

<u>Fruitland Coal – W/2 Section 19-T30N-R08W (320.0 acres)</u>	
BP America Production Company	44.63299% WI
Burlington Resources Oil and Gas	52.37691% WI
John B. Pierce	.64880% WI
Osprey Resources Inc.	2.16570% WI
Tab Riley Smith	.17560% WI
TOTAL	100.00000%

Archuleta 002 (PC), (API # 300-45-23607) consists of one (1)

Federal lease: SF 079511, 1/8<sup>th</sup> Royalty

Please note that the affected parties will have 20 days to respond by mailing a protest to the above mentioned operator or the NMOCD Aztec office of the downhole commingle request.

Please contact me at 281-892-5743 if you have any questions concerning this topic.

Sincerely,

Craig T. Ferguson- Land Negotiator