

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**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.*

**RECEIVED**

5. Lease Serial No.  
NMSF078336B

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

JUN 10 2015

1. Type of Well  
 Oil Well  Gas Well  Other

Farmington Field Office  
Bureau of Land Management

8. Well Name and No.  
BARETT A 1E

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

9. API Well No.  
30-045-25943-00-C1

3a. Address  
200 ENERGY CT.  
FARMINGTON, NM 87401

3b. Phone No. (include area code)  
Ph: 281-366-7148

10. Field and Pool, or Exploratory  
BASIN DAKOTA  
BLANCO MESAVERDE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 20 T31N R9W SWNE 1640FNL 2215FEL  
36.886310 N Lat, 107.801380 W Lon

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

**12. CHECK 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 checked="" 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"/> Fracture Treat	<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 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 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 shall 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 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.)

BP America Production Company respectfully requests to deepen the subject well. Please see the attached procedure including wellbore diagrams and C-102 plats.

In accordance with NMOC D Pit Rule 19.15.17.9 NMAC, BP America Production Company will use a closed-loop system during operations.

**OIL CONS. DIV DIST. 3**

DHC 1247

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

JUN 15 2015

**BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS**

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

**Electronic Submission #304520 verified by the BLM Well Information System  
For BP AMERICA PRODUCTION CO., sent to the Farmington  
Committed to AFMSS for processing by TROY SALYERS on 06/11/2015 (15TLS0272SE)**

Name (Printed/Typed) TOYA COLVIN

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 06/10/2015

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

Approved By TROY SALYERS

Title PETROLEUM ENGINEER

Date 06/11/2015

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**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 30-045-25943		<sup>2</sup> Pool Code 71599		<sup>3</sup> Pool Name Basin Dakota	
<sup>4</sup> Property Code 000302		<sup>5</sup> Property Name Barrett A			<sup>6</sup> Well Number 1E
<sup>7</sup> OGRID No. 000778		<sup>8</sup> Operator Name BP America Production Company			<sup>9</sup> Elevation 6274

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	20	31N	09W		1640	North	2215	East	San Juan

<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 320.71		<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.

<p>16</p> <p>OIL CONS. DIV DIST. 3 JUN 15 2015</p>	<b><sup>17</sup> OPERATOR CERTIFICATION</b>	
	<p><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></p>	
	<p><i>Tova Colvin</i> 6/09/2015 Signature Date</p>	<p>Tova Colvin Printed Name</p>
	<p>Tova.Colvin@bp.com E-mail Address</p>	
<b><sup>18</sup> SURVEYOR CERTIFICATION</b>		
<p><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></p>		
<p>Date of Survey Signature and Seal of Professional Surveyor:</p>		
<p>Previously Filed</p>		
<p>Certificate Number</p>		

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AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-045-25943		<sup>2</sup> Pool Code 72319		<sup>3</sup> Pool Name Blanco-Mesaverde	
<sup>4</sup> Property Code 000302		<sup>5</sup> Property Name Barrett A			<sup>6</sup> Well Number 1E
<sup>7</sup> OGRID No. 000778		<sup>8</sup> Operator Name BP America Production Company			<sup>9</sup> Elevation 6274

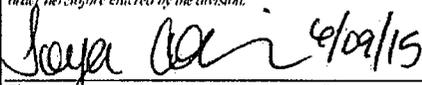
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	20	31N	09W		1640	North	2215	East	San Juan

<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 320.71		<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		1640'				<b><sup>17</sup> OPERATOR CERTIFICATION</b>	
		○				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.	
		2215'				 Signature <span style="float: right;">Date</span>	
						Toya Colvin Printed Name  Toya.Colvin@bp.com E-mail Address	
						<b><sup>18</sup> SURVEYOR CERTIFICATION</b>	
						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.	
						Date of Survey	
						Signature and Seal of Professional Surveyor:	
						Previously Filed	
						Certificate Number	

**Barrett A 001E**

API # 30-045-25943-00

Location: G SEC. 20, T31N, R09W

San Juan County, New Mexico

**Reason/Background for Job**

This well is producing a large amount of fluid. The tubing is landed fairly well in the DK, but operations has not had success running a plunger in the commingled well due to high fluid production. As a result, the MV can either struggle to flow up tubing or flow up casing and load the DK (as well as lose all MV liquids).

A pumping unit will be installed to reduce bottom-hole pressure for both formations. Expected production rates are 323 MCFD, 3 BOPD, & 9 BWPD.

**Basic Job Procedure**

1. Pull tubing
2. Clean out and deepen well to  $\pm 7840'$  – a mud logger will be on location while drilling
3. Run tubing
4. Run rods & pump
5. Return well to production

# Current WBD

bp



**BARRETT A 1E**  
 MV/DK  
 API #3004525943  
 SEC 20, T31N, R9W  
 NEW MEXICO

6262'  
KB Measurement

Formation Tops	
Ojo Alamo	1760
Kirkland	1800
Fruitland	2715
Pictured Cliffs	3110
Lewis	3180
Cliffhouse	4920
Menefee	4980
Point Lookout	5370
Mancos	5548
Gallup	6655
Graneros	7428
Dakota	7490

TOC: Surface (circ.)  
 TOC: 560' (CBL 1996)

**Surface Casing Data**  
 9-5/8" 36# K-55 @ 325'  
 225 sxs cmt (circ.)  
 100 sxs aqz down backside

Tubing Details	Length
2-3/8" 4.7#, J-55	7538.5'
X Profile Nipple 1.875" ID	16
Mule Shoe 2-3/8"	2'

DV Tool @ 1835'

TOL @ 3473'  
 TOC: @ 3500' (CBL 1996)  
**Production Casing Data**  
 7" 23# K-55 @ 3680'  
 Stage 1: 240 sxs  
 Stage 2: 225 sxs

**MESAVERDE (COMPLETED 8/26/1996)**  
 Cliffhouse Perfs: 4632, 36, 40, 44, 4807, 4879, 4900, 22, 26, 34, 38, 42, 45, 50, 54, 61, 65, 70, 74, 78' (1 SPF)  
 Frac: 50343# 16/30 sand, 70% Q

Menefee Perfs: 5023, 67, 84, 88, 93, 5116, 20, 84, 88, 92, 96, 5204, 08, 44, 49, 91, 97' (1 SPF)  
 Frac: 52636# 16/30 sand, 70% Q

Point Lookout Perfs: 5349, 53, 74, 78, 82, 86, 90, 94, 5418, 34, 38, 42, 70, 5502, 33, 86, 5622, 45, 80, 84' (1 SPF)  
 Frac: 49324# 16/30 sand, 70% Q

**DAKOTA (COMPLETED 5/17/1984)**  
 Perfs: 7490-7512, 7518-24, 7534-38, 7583-94, 7640-43, 7694-96, 7712-17, 7722-24'  
 Frac: 915000 gal 40# X-L Gel & 15220# 20/40 sand

**Production Liner Data**  
 4-1/2" 11.6# K-55 @ 7738'  
 453 sxs cmt

PBTD: 7735'  
 Total Depth: 7738'

Casing leak 3096-3128'  
 Sqz w/ 150 sxs (1996)

2-slip stop @ 7539' w/m (set 3/2015)  
 X-Nipple (1.875" ID) @ 7549'  
 EOT @ 7552'

Depth	Inclination
325	1/2
826	3/4
1322	1 3/4
1716	1
2219	3/4
2720	3/4
3186	1 1/4
3680	4 1/4
3780	8 1/4
3868	10 1/4
3930	10 1/4
3999	10
4045	9 3/4
4118	9
4212	8 1/2
4306	7 1/2
4440	6 3/4
4535	6
4720	4 1/2
4961	3 3/4
5210	4 1/4
5367	3 3/4
5521	3
5867	2 3/4
5999	3
6302	2 3/4
6407	3 1/4
6615	2 1/4
6803	1 1/2
7587	2
7713	2 1/2



## **BLM CONDITION OF APPROVAL**

### ***CASING REPAIR, WORKOVER AND RECOMPLETION OPERATIONS:***

1. If casing repair operations are needed, obtain prior approval from this office before commencing repairs. If a CBL or other logs are run, provide this office with a copy.
2. After any casing repair operations, test cement squeeze to a minimum of 500# for 30 minutes with no more than 10 % pressure fall off in the 30 minute test period. Provide test chart with your subsequent report of operations
3. A properly functioning BOP and related equipment must be installed prior to commencing workover, casing repair, and/or recompletion operations.
4. Contact this office at (505) 564-7750 prior to conducting any cementing operations:

### ***SPECIAL STIPULATIONS:***

1. **Pits will be fenced during work-over operation.**
2. **All disturbance will be kept on existing pad.**
3. **All pits will be pulled and closed immediately upon completion of the recompletion and work-over activities.**
4. **Pits will be lined with an impervious material at least 12 mils thick.**