

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. 30-045-32316
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 Best Gas Com
8. Well Number 1M
9. OGRID Number 000778
10. Pool name or Wildcat Basin Dakota, Blanco-Mesaverde

**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  
501 Westlake Park Blvd., Three Eldridge Place, 12.181A  
Houston, TX 77079

4. Well Location  
 Unit Letter P : 840 feet from the South line and 1040 feet from the East line  
 Section 21 Township 32N Range 10W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
5917'

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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input checked="" type="checkbox"/>			
CLOSED-LOOP SYSTEM <input checked="" type="checkbox"/>			
OTHER: <b>Re-Perforate-Fracture Stimulate MV, P&amp;A Dakota</b> <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

**BP America Production Company respectfully requests to re-perforate and hydraulically fracture the existing Blanco-Mesaverde formation and P&A the Basin Dakota formation in the subject well.**

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

DHC 1513

OIL CONS. DIV DIST. 3

Spud Date:

Rig Release Date:

MAY 24 2017

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 05/23/2017

Type or print name Toya Colvin E-mail address: Toya.Colvin@bp.com PHONE: 281-892-5369

**For State Use Only**

APPROVED BY: [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE 6/2/17  
 Conditions of Approval (if any): A

6

## **BEST GC 1M-MV/DK**

API # 300453231600

Location: Unit P - Sec 21 - T32N - R10W

San Juan County, New Mexico

### **Reason/Background for Job**

The proposed work is to pull the current completion, set a plug above DK top perf and place cement above the plug, set a plug above the current Mesaverde, recomplete to the Menefee and Cliff House formations, and return well to production only from Mesaverde formation.

### **Basic job procedure**

1. Pull tubing
2. Set 4-1/2" CIBP @ +/- 7440' KB
3. Place 100' of cement on top of the CIBP to abandon DK
4. RIH and set a 4-1/2" CBP @ 5084'
5. Test casing @ 4270 psi for 30 min (80% of csg burst)
  - Report test to the NMOCD
6. Perforate Menefee formation (+/- 4937' – 5070' KB gross interval)
7. Fracture stimulate MV formation
8. RIH and set a 4-1/2" CBP @ 4932'
9. Perforate Cliff House formation (+/- 4840' – 4915' KB gross interval)
10. Fracture stimulate MV formation
11. Drill out CBP/Clean out to top of cement
12. Run production tubing
13. Land tubing @ +/- 4900' KB
14. Return well to production

# Current WBD



**BEST GC 001M**  
 MV/DK  
 API # 30-045-32316  
 Unit P - Sec. 21 - T32N - R10W  
 San Juan, NM

**Formation Tops (TVD)**

Kirtland/Fruitland	2570
Pictured Cliffs	2932
Cliff House	4526
Menefee	4912
Point Lookout	5259
Mancos	5701
Dakota	7314

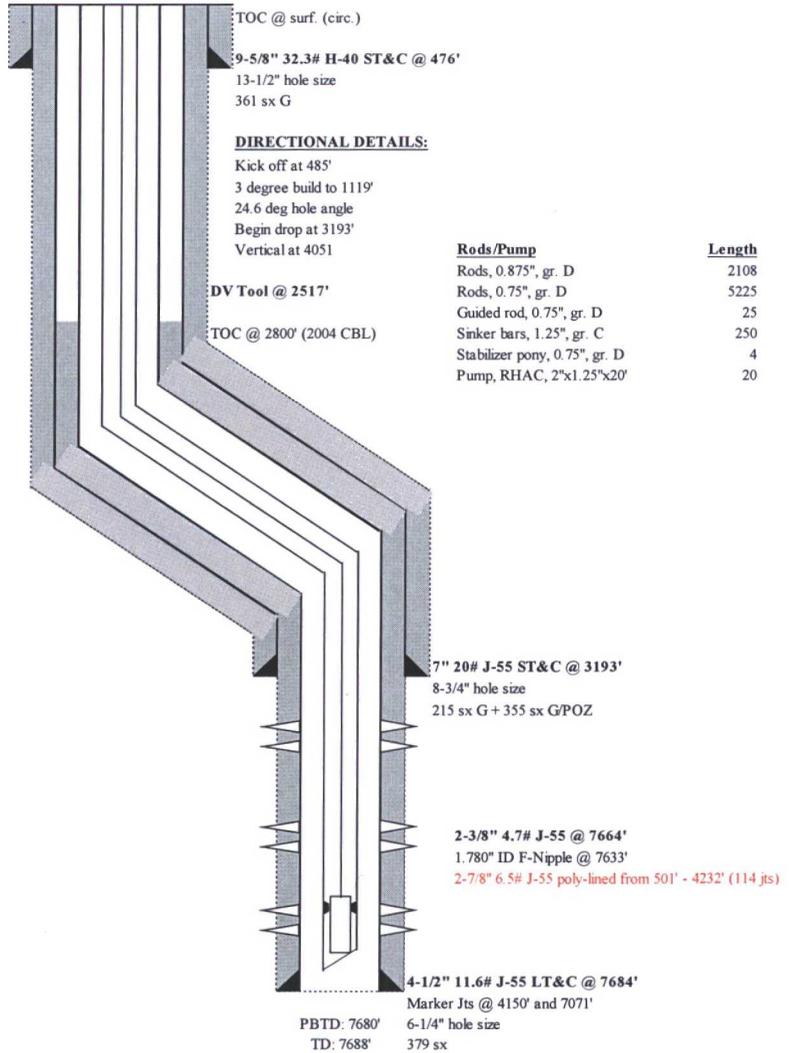
**Current Mesa Verde Perforations**

5097' - 5235' 4 jspf  
 5266' - 5397' 2 jspf  
 Frac'd w/ 500 gal 15% HCL 70Q foam, 86.9k# 16/30 sd

**Current Dakota Perforations**

7453' - 7488' 2 jspf  
 7507' - 7677' 4 jspf  
 Broken down w/ 2% KCl water  
 Frac'd w/ 38.6k# 20/40 sd & 145k gal slickwater

GL: 5917  
 14' KB



**Well History**

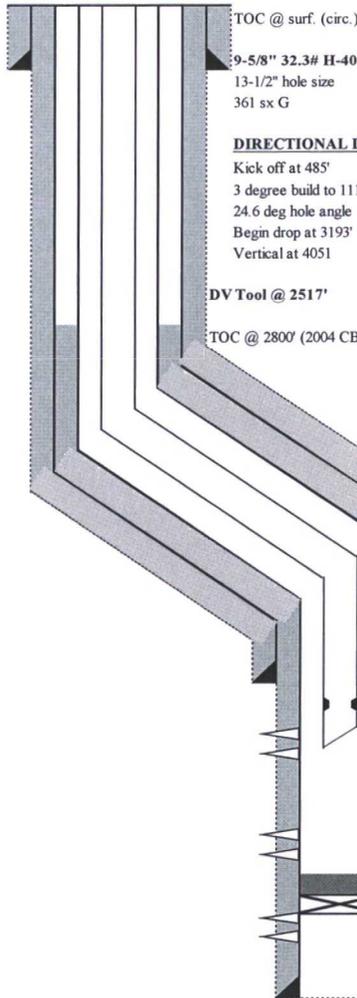
9/19/2004 Spudded well. Completed in the DK & MV.  
 10/28/2005 Pulled tubing--8k lbs overpull on last 20 stands. C/O w/ air to 7665'. Could not rotate above 7665'. Landed tbg @ 7614'.  
 11/6/2007 Temporarily abandoned the DK with CIBP set @ 5650'.  
 1/4/2012 Changed master valve.  
 5/26/2016 Pulled tubing. Tagged CIBP @ 5725'. Appeared to be pushing CIBP to bottom. C/O to 7670' and d/o to 7680'. Ran tubing, pump/rods.

# Proposed WBD



**BEST GC 001M**  
 MV/DK  
 API # 30-045-32316  
 Unit P - Sec. 21 - T32N - R10W  
 San Juan, NM

GL: 5917  
 14' KB



TOC @ surf. (circ.)  
 9-5/8" 32.3# H-40 ST&C @ 476'  
 13-1/2" hole size  
 361 sx G  
**DIRECTIONAL DETAILS:**  
 Kick off at 485'  
 3 degree build to 1119'  
 24.6 deg hole angle  
 Begin drop at 3193'  
 Vertical at 4051'

Formation Tops (TVD)	
Kirtland/Fruitland	2570
Pictured Cliffs	2932
Cliff House	4526
Menefee	4912
Point Lookout	5259
Mancos	5701
Dakota	7314

DV Tool @ 2517'

TOC @ 2800' (2004 CBL)

7" 20# J-55 ST&C @ 3193'  
 8-3/4" hole size  
 215 sx G + 355 sx G/POZ

2-3/8" 4.7# J-55 @ 7664'  
 1.780" ID F-Nipple @ 7633'  
 2-7/8" 6.5# J-55 poly-lined from 501' - 4232' (114 jts)

Cement plug @ 7340'  
 CIB Plug @ 7440'

4-1/2" 11.6# J-55 LT&C @ 7684'  
 Marker Jts @ 4150' and 7071'  
 PBTD: 7680' 6-1/4" hole size  
 TD: 7688' 379 sx

**Proposed Cliff House Perforations**

4840' - 4915' 4 spf

**Proposed Menefee Perforations**

4934' - 5070' 4 spf

**Current Mesa Verde Perforations**

5097' - 5235' 4 jspf  
 5266' - 5397' 2 jspf  
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**Current Dakota Perforations**

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**Well History**

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
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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 30-045-32316	<sup>2</sup> Pool Code 72319	<sup>3</sup> Pool Name Blanco-Mesaverde
<sup>4</sup> Property Code 014113	<sup>5</sup> Property Name Best Gas Com	
<sup>7</sup> OGRID No. 000778	<sup>8</sup> Operator Name BP America Production Company	<sup>6</sup> Well Number 1M
<sup>9</sup> Elevation 5917		

<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
P	21	32N	10W		840	South	1040	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
J	21	32N	10W		1774	South	1777	East	San Juan

<sup>12</sup> Dedicated Acres 319.64	<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.

16				1774'	1777'	<p><sup>17</sup> <b>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></p> <p><i>Toya Colvin</i> 5/25/17 Signature Date</p> <p>Toya Colvin Printed Name</p> <p>Toya.Colvin@bp.com E-mail Address</p> <p><sup>18</sup> <b>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></p> <p>Date of Survey _____ Signature and Seal of Professional Surveyor: _____</p> <p style="text-align: center;">Previously Filed</p> <p>Certificate Number _____</p>
				840'	1040'	
				1774'	1777'	
				840'	1040'	

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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-045-32316		<sup>2</sup> Pool Code 71599		<sup>3</sup> Pool Name Basin Dakota	
<sup>4</sup> Property Code 014113		<sup>5</sup> Property Name Best Gas Com			<sup>6</sup> Well Number 1M
<sup>7</sup> OGRID No. 000778		<sup>8</sup> Operator Name BP America Production Company			<sup>9</sup> Elevation 5917

<sup>10</sup> Surface Location

UL or lot no. P	Section 21	Township 32N	Range 10W	Lot Idn	Feet from the 840	North/South line South	Feet from the 1040	East/West line East	County San Juan
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no. J	Section 21	Township 32N	Range 10W	Lot Idn	Feet from the 1774	North/South line South	Feet from the 1777	East/West line East	County San Juan
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				<p><i>Toya Colvin</i> 5/25/17 Signature Date</p>	
				<p>Toya Colvin Printed Name Toya.Colvin@bp.com E-mail Address</p>	
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			<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>Date of Survey Signature and Seal of Professional Surveyor:</p>		
			<p>Previously Filed</p>		
			<p>Certificate Number</p>		