

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. MCCULLEY LS 4E
2. Name of Operator BP AMERICA PRODUCTION COMPANY Contact: TOYA COLVIN Email: Toya.Colvin@bp.com	9. API Well No. 30-045-32511-00-C1
3a. Address 501 WESTLAKE PARK BLVD. THREE ELDRIGE PLACE HOUSTON, TX 77079	3b. Phone No. (include area code) Ph: 281-366-7148
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 14 T28N R9W NENW 730FNL 1510FWL 36.666670 N Lat, 107.751940 W Lon	10. Field and Pool, or Exploratory BASIN DAKOTA BLANCO MESAVERDE
	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 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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Workover Operations
	<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 recompleat 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 recompleat 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.)

Due to an additional change in the proposed re-perf operations, BP would like to again re-submit the McCulley LS 4E re-perforation procedure for the subject well.

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

DHC 1732

In accordance with NMOCD Pit Rule 19.15.17.9 NMAC, BP will use a closed-loop system during operations.

**OIL CONS. DIV DIST. 3****AUG 22 2016**

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #347734 verified by the BLM Well Information System For BP AMERICA PRODUCTION COMPANY, sent to the Farmington Committed to AFMSS for processing by WILLIAM TAMBEKOU on 08/17/2016 (16WMT0410SE)	
Name (Printed/Typed) TOYA COLVIN	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 08/12/2016

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

Approved By WILLIAM TAMBEKOU	Title PETROLEUM ENGINEER	Date 08/17/2016
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 \*\*****NMOCD**

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**McCulley LS 004E-MV/DK**

API # 30-045-32511-00

Location: Unit C - Sec 14 - T28N - R09W

San Juan County, New Mexico

**Reason/Background for Job**

The proposed work is to pull the current completion, set a plug above the active Mesaverde perforations, recomple to the Menefee interval, set an additional plug, recomple to the Lewis Mesaverde interval, flowtest the Lewis Mesaverde interval, and then downhole comingle the Mesaverde and Dakota formations.

**Basic job procedure**

1. Pull tubing
2. Set 4-1/2" composite plug @ +/- 4400' KB
3. Cement squeeze 4-1/2" casing @ +/- 4150' KB
4. Perforate Menefee interval (+/- 3990'-4400'KB gross interval)
5. Fracture stimulate Menefee interval
6. Set 4-1/2" composite plug @ +/- 3670' KB
7. Cement squeeze 4-1/2" casing @ +/- 3650' KB
8. Perforate Lewis Mesaverde interval (+/- 3390'-3650'KB gross interval)
9. Fracture stimulate Lewis Mesaverde interval
10. Clean out to plug @ +/- 3670' KB
11. Flowtest Lewis Mesaverde perms to sales for 30-60 days
12. Drill out/Clean out to PBTD
13. Run production tubing and downhole comingle Mesaverde & Dakota
14. Land tubing @ +/- 6575' KB
15. Return well to production

**MCCULLY LS 004E-MV/DK**

Mesaverde / Dakota  
API # 300453251100  
Sec 14C - T28N - R09W  
NEW MEXICO

**Current WBD**

GL: 5832'  
KB: 12'

TOC: Surface (circ. 21 bbls cmt)

**Surface Casing Data**

13-1/2" Hole  
9-5/8", 32.3#, H-40 @ 234'  
173 sks cls C cmt

7" TOC: Surface (circ. 20 bbls cmt)

**Intermediate Casing Data**

8-3/4" Hole  
7", 20#, J-55 ST&C @ 2526'  
225 sks lite, tail w/ 65 sks poz cmt

4-1/2" TOC: 3868' (CBL 4/8/05)

**Mesaverde Completion**

4485'-4624' gross (2spz, 60 holes)  
frac w/ 149,671# Badger/Brady/Propnet snd & 70Q N2 foam

**Tubing Details**

2-3/8", 4.7#, J-55 @ 6677'

**Nipple Data**

Stop @ 6663' wlm 3/14/06  
X-nipple @ 6663'  
F-Nipple @ 6674'

End of Tubing  
6677'

PBTD: 6722'  
Total Depth: 6730'

**Dakota Completion**

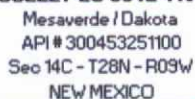
6523'-6710' gross (3-4spz, 61 holes)  
frac w/ 120k# 20/40 C-Lite snd/propnet & 65Q N2 foam

**Production Casing Data**

6-1/4" Hole  
4-1/2", 11.6#, P-110 @ 6724'  
(marker jts @ 330T & 6373')  
156 sks Litecrete, tail w/ 194 sks poz cmt

Updated 11/16/15 JJvW





GL: 5832'  
KB: 12'

13-1/2" Hole  
9-5/8", 32.3#, H-40 @ 234'  
173 sxs ols C omt

8-3/4" Hole  
7", 20#, J-55 ST&C @ 2526'  
225 shs lite, tail w/ 65 shs poz omt

4-1/2" TOC: 3868' (CBL 4/8/05)

Lewis: +/- 3390'-3650' gross  
Menefee: +/- 3990'-4400' gross  
4485'-4624' gross (2spf, 60 holes)  
frac w/ 149.67# Badoer/Brady/Propnet snd & 70Q N2 foam

2-3/8", 4.7#, J-55 @ 6575'

Plunger Stop in F-nipple  
F-Nipple @ 6572'

PBTD: 6722'  
Total Depth: 6730'

6523'-6710' gross (3-4spz, 61 holes)  
frac w/ 120k# 20/40 C-Lite sand/propnet & 65Q N2 foam

6-1/4" Hole  
4-1/2", 11.6#, P-110 @ 6724'  
(marker jts @ 330T & 6373')  
156 sxs Litecrete, tail w/ 194 sxs poz omt

**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 <b>30-045-32511</b>	<sup>2</sup> Pool Code <b>71599</b>	<sup>3</sup> Pool Name <b>Basin Dakota</b>
<sup>4</sup> Property Code <b>000854</b>	<sup>5</sup> Property Name <b>McCulley LS</b>	<sup>6</sup> Well Number <b>4E</b>
<sup>7</sup> OGRID No. <b>000778</b>	<sup>8</sup> Operator Name <b>BP America Production Company</b>	<sup>9</sup> Elevation <b>5832</b>

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

UL or lot no. <b>C</b>	Section <b>14</b>	Township <b>28N</b>	Range <b>09W</b>	Lot Idn	Feet from the <b>730</b>	North/South line <b>North</b>	Feet from the <b>1510</b>	East/West line <b>West</b>	County <b>San Juan</b>
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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 <b>320</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. <b>DHC 1732</b>						

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><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.	
	Signature: <u>Tova Colvin</u> Date: <u>11/17/15</u>	
	Printed Name: <u>Tova Colvin</u> E-mail Address: <u>Tova.Colvin@bp.com</u>	
	<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: _____	

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Revised July 16, 2010

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

<sup>1</sup> API Number <b>30-045-32511</b>	<sup>2</sup> Pool Code <b>72319</b>	<sup>3</sup> Pool Name <b>Blanco-Mesaverde</b>
<sup>4</sup> Property Code <b>000854</b>	<sup>5</sup> Property Name <b>McCulley LS</b>	
<sup>7</sup> OGRID No. <b>000778</b>	<sup>8</sup> Operator Name <b>BP America Production Company</b>	
		<sup>6</sup> Well Number <b>4E</b>
		<sup>9</sup> Elevation <b>5832</b>

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

UL or lot no. <b>C</b>	Section <b>14</b>	Township <b>28N</b>	Range <b>09W</b>	Lot Idn	Feet from the <b>730</b>	North/South line <b>North</b>	Feet from the <b>1510</b>	East/West line <b>West</b>	County <b>San Juan</b>
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<sup>12</sup> Dedicated Acres <b>320</b>		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No. <b>DHC 1732</b>			

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><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>	
		<b>11/17/15</b> Date
	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	