

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.

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		5. Lease Serial No. NMNM04208
2. Name of Operator BP AMERICA PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name
Contact: TOYA COLVIN Email: Toya.Colvin@bp.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 501 WESTLAKE PARK BLVD. THREE ELDRIGE PLACE HOUSTON, TX 77079	3b. Phone No. (include area code) Ph: 281-366-7148	8. Well Name and No. MCCULLEY LS 4E
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		9. API Well No. 30-045-32511-00-C1
		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 Workover Operations
	<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 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.)

BP applied for and received approval to re-perforate the subject well November 2015 from the BLM & NMOCD. BP requests to update the procedure to place a plug over the Dakota & produce the well solely from the re-perforated Mesaverde formation for a period of time, then remove the plug and downhole commingle the existing Mesaverde & Basin Dakota formations.

Please see the attached procedure and C-102 plats.

DHC 1732

Notify NMOCD 24 hrs
prior to beginning
operations

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 08 2016

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

Electronic Submission #345886 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 08/04/2016 (16WMT0401SE)

Name (Printed/Typed) TOYA COLVIN

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 07/27/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By WILLIAM TAMBEKOU

Title PETROLEUM ENGINEER

Date 08/04/2016

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

6

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**

¹ API Number 30-045-32511	² Pool Code 71599	³ Pool Name Basin Dakota
⁴ Property Code 000854	⁵ Property Name McCulley LS	⁶ Well Number 4E
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 5832

¹⁰ Surface Location

UL or lot no. C	Section 14	Township 28N	Range 09W	Lot Idn	Feet from the 730	North/South line North	Feet from the 1510	East/West line West	County San Juan
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¹¹ 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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¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. DHC 1732
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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.

	<p>¹⁷ OPERATOR CERTIFICATION</p> <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>[Signature]</i> 11/17/15 Signature Date</p> <p>Toya Colvin Printed Name</p> <p>Toya.Colvin@bp.com E-mail Address</p>
	<p>¹⁸ SURVEYOR CERTIFICATION</p> <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</p> <p>Signature and Seal of Professional Surveyor:</p> <p style="text-align: center;">Previously Filed</p> <p>Certificate Number</p>

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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

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

¹⁰ Surface Location

U/L or lot no. C	Section 14	Township 28N	Range 09W	Lot Idn	Feet from the 730	North/South line North	Feet from the 1510	East/West line West	County San Juan
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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.

	¹⁷ OPERATOR CERTIFICATION <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 11/17/15 Date
	Tova Colvin Printed Name
	Tova.Colvin@bp.com E-mail Address
	¹⁸ SURVEYOR CERTIFICATION <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	

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, produce the Mesaverde perms for a period of time, then remove the plug and downhole comingle the Mesaverde and Dakota formations.

Basic job procedure

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



GL: 5832'
KB: 12'

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

173 sxs cls C omt

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

225 sks lite, tail w/ 65 sks poz cmt

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

frac w/ 149,671# Badger/Brady/Propnet snd & 70Q N2 foam

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

F-Nipple @ 6674'

End of Tubing
6677'

frac w/ 120k# 20/40 C-Lite sand/propnet & 65Q N2 foam

156 sks Litecrete, tail w/ 134 sks poz omt

PBTD: 6722'

Total Depth: 6730'

Updated 11/16/15 JJvW/

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

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

Proposed 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 sxs 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 sxs lite, tail w/ 65 sxs poz cmt

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

Mesaverde Completion

Lewis: +/- 3390'-3650' gross
Menefee: +/- 3390'-4400' gross
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 @ 6575'

Nipple Data

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

End of Tubing
6575'

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 ts @ 3301' & 6373')
156 sxs Litecrete, tail w/ 194 sxs poz cmt

PBTD: 6722'
Total Depth: 6730'

Updated 11/16/15 JJW