

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.

5. Lease Serial No.
NMNM04208

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.

8. Well Name and No.
MCCULLEY LS 4E

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

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
HOUSTON, TX 77079 Phone: 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

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 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.)

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
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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 ****

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, recomplete to the Menefee interval, set an additional plug, recomplete to the Lewis Mesaverde interval, flowtest the Lewis Mesaverde interval, and then downhole comingle the Mesaverde and Dakota formations.

Basic job procedure

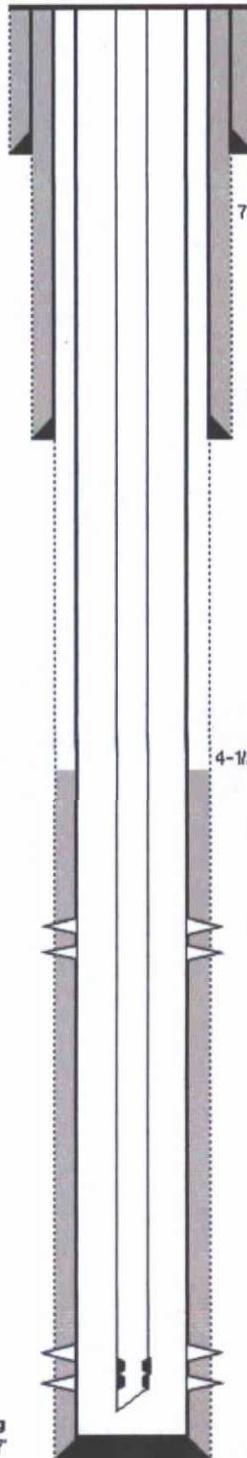
1. Pull tubing
2. Set 4-1/2" composite plug @ +/- 4400' KB
3. Cement squeeze 4-1/2" casing @ +/- 4150' KB
4. Perforate Menefee interval (+/- 3990'-4400'KB gross interval)
5. Fracture stimulate Menefee interval
6. Set 4-1/2" composite plug @ +/- 3670' KB
7. Cement squeeze 4-1/2" casing @ +/- 3650' KB
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 PBTB
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 sxs ols C omt

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

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

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 sxs Litecrete, tail w/ 194 sxs poz cmt

Tubing Details

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

Nipple Data

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

End of Tubing
 6677'

PBTD: 6722'
 Total Depth: 6730'

Updated 11/16/15 JvW

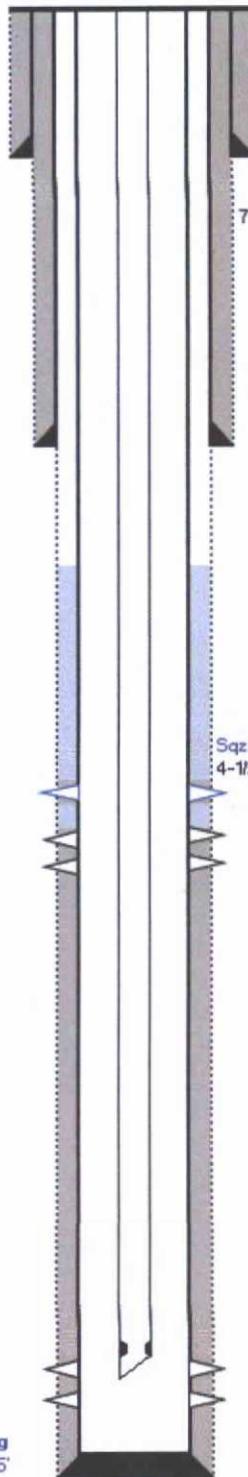


MCCULLEY LS 004E-MW/DK

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

Proposed WBD

GL: 5832'
KB: 12'



TOC: Surface (circ. 21bbls 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

Sqz holes @ +/- 3650' & 4150'
4-1/2" TOC: 3868' (CBL 4/8/05)

Mesaverde Completion

Lewis: +/- 3390'-3650' gross
Menefee: +/- 3990'-4400' gross
4485'-4624' gross (2spl, 60 holes)
frac w/ 149,671# Badger/Brady/Propnet snd & 70Q N2 foam

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 js @ 330T & 6373')
156 sxs Litecrete, tail w/ 194 sxs poz cmt

Tubing Details

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

Nipple Data

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

End of Tubing
6575'

PBDT: 6722'
Total Depth: 6730'

Updated 11/16/15 JJW

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.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	14	28N	09W		730	North	1510	West	San Juan

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
¹² Dedicated Acres 320		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No. DHC 1732			

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>	
	<i>Toya Colvin</i> Signature	<i>11/17/15</i> Date
	Toya Colvin Printed Name Toya.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		

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
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1000 Rio Brazos Rd., Aztec, NM 87410
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Form C-102
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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

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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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.

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	<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>	
		11/17/15 Date
	Signature Toya Colvin Printed Name Toya.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		