

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

David R. Catanach, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 9/29/15

Well information:

API WELL #	Operator Name	Well Name	Well #	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-045-07317-00-00	BP AMERICA PRODUCTION COMPANY	TAPP LS	001	G	A	San Juan	F	H	22	28	N	8	W

Application Type:

☐ P&A ☐ Drilling/Casing Change ☐ Location Change

☒ Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84)

☐ Other:

Conditions of Approval:

- Notify NMOCD 24hrs prior to beginning operations
- Extend outside cement top 500' above the top proposed perforation which is approximately 3300' to 2750'.

NMOCD Approved by Signature

11/09/15
Date

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.*5. Lease Serial No.
NMSF078499

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
TAPP LS 19. API Well No.
30-045-07317-00-S110. Field and Pool, or Exploratory
BLANCO MESAVERDE
BLANCO PICTURED CLIFFS

11. County or Parish, and State

SAN JUAN COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
BP AMERICA PRODUCTION CO.Contact: TOYA COLVIN
E-Mail: Toya.Colvin@bp.com3a. Address
200 ENERGY CT.
FARMINGTON, NM 874013b. Phone No. (include area code)
Ph: 281.366.7148

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 22 T28N R8W SENE 1715FNL 1100FEL
36.649368 N Lat, 107.662415 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Subsurface Commingling
	<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 America Production Company applied for and received downhole commingling approval for the subject well in the Otero Chacra and South Blanco Pictured Cliffs formations with order DHC 3641. BP would like to submit an updated procedure of the proposed DHC operations.

Please see attached DHC procedure, wellbore schematics, and C-102 plats.

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**OCT 05 2015**

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

**Electronic Submission #317985 verified by the BLM Well Information System
For BP AMERICA PRODUCTION CO., sent to the Farmington
Committed to AFMSS for processing by WILLIAM TAMBEKOU on 09/29/2015 (15WMT0635SE)**

Name (Printed/Typed) TOYA COLVIN

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 09/29/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USEApproved By WILLIAM TAMBEKOUTitle PETROLEUM ENGINEERDate 09/29/2015

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 ******NMOCD** *RV*

Tapp LS 001-PC

API # 30-045-07317-00

Location: Unit H - Sec 22 - T28N - R08W

San Juan County, New Mexico

Reason/Background for Job

The proposed work is to pull the current completion, recomplete to the Chacra formation, and downhole comingle the Pictured Cliffs and Chacra formations.

The Tapp LS 001-PC is currently configured as a Pictured Cliffs-only producer originally completed as a Mesaverde-only producer in 1951. The Mesaverde has a CIBP set at 3810', and the Pictured Cliffs was added in 2003. The well is currently free-flowing. The well has been identified as a Chacra pay-add candidate based on offset production.

Basic job procedure

1. Pull tubing
2. Clean out to +/- 3600' KB
3. Perforate Chacra formation (+/- 3250'-3550'KB gross interval)
4. Fracture stimulate Chacra formation through frac string
5. Drill out/Clean out to +/- 3600' KB
6. Run production tubing and downhole comingle Pictured Cliffs & Chacra
7. Land tubing @ +/- 3410' KB
8. Return well to production



Current WBD

GL: 5891'
KB: 10'

TAPPLS 001-PC
Pictured Cliffs / Mesaverde (P&A'd)
API # 300450731700
SEC 22, T28N, R8W
NEW MEXICO

Tubing Details

2-3/8", 4.7#, J-55 @ 2334'

Nipple Data

X-Nipple @ 2326'

F-Nipple @ 2331'

End of Tubing
2334'

TOC: Surface (circ.)

Surface Casing Data

13-1/2" Hole
10-3/4", 32.75#, grade @ 163'
90 sxs cmt

TOC: unknown

Sqz perfs @ 2360', sqz'd w/ 175 sxs cls G cmt

Pictured Cliffs Completion

2374'-2448' gross (2spz, 30 holes)
frac w/ 81,500# 16/30 Brady sand & 70Q N2 foam

7" primary TOC: 3300' (CBL 8/8/03)

7" CIBP @ 3810'

Production Casing Data

8-3/4" Hole
7", 23#, grade @ 4006'
260 sxs cmt

2-3/8", 4.7# stuck tbg fish @ 4010'-4865'

Mesaverde Openhole Completion

4060'-4905', shot w/ 2070 qts SNG

PBTD: 3800'
Total Depth: 4905'

Updated 8/3/15 JJvW



Proposed WBD

GL: 5891'
KB: 10'

TAPP LS 001-PC/CH
Pictured Cliffs / Chacra
API # 300450731700
SEC 22, T28N, R8W
NEW MEXICO

Tubing Details

2-3/8", 4.7#, J-55 @ 3410'

Nipple Data

Stop in F-nipple

F-Nipple @ +/- 3408'

End of Tubing
+/- 3410' KB

TOC: Surface (circ.)

Surface Casing Data

13-1/2" Hole
10-3/4", 32.75#, **grade @ 163'**
90 sxs cmt

TOC: unknown

Sqz perfs @ 2360', sqz'd w/ 175 sxs cls G cmt

Pictured Cliffs Completion

2374'-2448' gross (2spz, 30 holes)
frac w/ 81,500# 16/30 Brady snd & 70Q N2 foam

7" primary TOC: 3300' (CBL 8/8/03)

Chacra Perforations

+/- 3250'-3550' KB gross

7" CIBP @ 3810'

Production Casing Data

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Total Depth: 4905'

Updated 8/3/15 JJvW

1625 N. French Dr., Hobbs, NM 88240

1301 W. Grand Avenue, Artesia, NM 88210

1000 Rio Brazos Rd., Aztec, NM 87410

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 30-045-07317	² Pool Code 82329	³ Pool Name Otero Chacra
⁴ Property Code 001161	⁵ Property Name Tapp LS	⁶ Well Number 1
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 5891

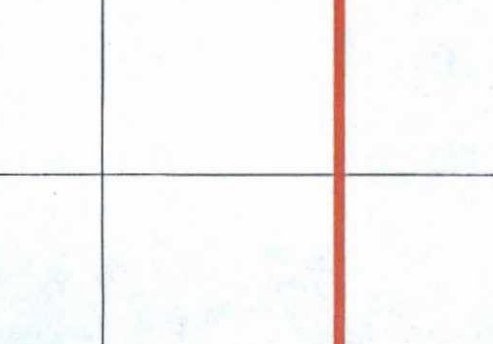


¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	22	28N	08W		1715	North	1100	East	San Juan

¹¹ Bottom Hole Location If Different From Surface

U/L or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code		¹⁵ Order No. R-11363; DHC 3641					

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		<p style="text-align: center;">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>  Signature 9/29/15 Date </p> <hr/> <p>Toya Colvin Printed Name</p> <hr/> <p>Toya.Colvin@bp.com E-mail Address</p>
17		<p style="text-align: center;">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> <hr/> <p>Date of Survey</p> <hr/> <p>Signature and Seal of Professional Surveyor:</p> <p style="text-align: center;">Previously Filed</p> <hr/> <p>Certificate Number</p>

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 30-045-07317		² Pool Code 72439	³ Pool Name South Blanco Pictured Cliffs
⁴ Property Code 001161	⁵ Property Name Tapp LS		⁶ Well Number 1
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company		⁹ Elevation 5891

¹⁰ Surface Location

UL or lot no. H	Section 22	Township 28N	Range 08W	Lot Idn	Feet from the 1715	North/South line North	Feet from the 1100	East/West line East	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
¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-11363; DHC 3641						

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<div style="border: 2px solid red; padding: 10px; margin: 10px;"> </div>	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> <div style="display: flex; justify-content: space-between;"> <div> </div> <div> 9/29/15 Date </div> </div> <div style="border-top: 1px solid black; padding-top: 5px;"> Toya Colvin Printed Name </div> <div style="border-top: 1px solid black; padding-top: 5px;"> Toya.Colvin@bp.com E-mail Address </div>
	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:
	<div style="text-align: center;">Previously Filed</div> <div style="border-top: 1px solid black; padding-top: 5px;"> Certificate Number </div>