

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

Tony Delfin
Acting 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:
Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-045-07537	JONES A LS	001	BP AMERICA PRODUCTION COMPANY	G	A	San Juan	F	N	10	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; Submit Gas Capture Plan form prior to spudding or initiating recompletion operations)
☐ Other:

Conditions of Approval:

Perform a CBL after the cement squeeze and prior to the perforating the Charca to ensure adequate cement coverage.

Submit the CBL to the agencies for review and approval prior to continuing the completion work.

A handwritten signature in black ink, appearing to read "Brand Delfin", is written over a horizontal line.

NMOCD Approved by Signature

11/8/16

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.***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. NMSF078390
2. Name of Operator BP AMERICA PRODUCTION COMPANY Contact: TOYA COLVIN Email: Toya.Colvin@bp.com	6. If Indian, Allottee or Tribe Name
3a. Address 501 WESTLAKE PARK BLVD. THREE ELDRIDGE PLACE HOUSTON, TX 77079	7. If Unit or CA/Agreement, Name and/or No. 14080012068
3b. Phone No. (include area code) Ph: 281-366-7148	8. Well Name and No. JONES A LS 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 10 T28N R8W SESW 0800FSL 1550FWL 36.670807 N Lat, 107.671432 W Lon	9. API Well No. 30-045-07537-00-S1
	10. Field and Pool, or Exploratory BLANCO MESAVERDE
	11. County or Parish, and State SAN JUAN COUNTY, NM

OIL CONS. DIV DIST. 3

NOV 03 2016

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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<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 recompleate 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 recompleation 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 respectfully requests to recomple into the Otero Chacra then downhole commingle production with the existing Blanco-Mesaverde.

The Otero Chacra (82329) & the Blanco-Mesaverde (72319) pools are pre-approved for DHC per NMOC Case No. 12346; Order No. R-11363 effective 04/26/2000. BP owns 100% interest in each formation, therefore notification is not required. Please see attached Land Letter.

Production is proposed to be allocated based on the subtraction method using the Blanco-Mesaverde projected future decline. That production will serve as a base for production subtracted from the total production for the commingled well. The balance of the production will be attributed to the Otero Chacra.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #355914 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 10/28/2016 (17WMT0112SE)	
Name (Printed/Typed) TOYA COLVIN	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 10/26/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By WILLIAM TAMBEKOU	Title PETROLEUM ENGINEER	Date 10/28/2016
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 **

NMOC D TV

JONES A LS 001-MV

API # 30-045-07537-00

Location: Unit N - Sec 10 - T28N - R08W

San Juan County, New Mexico

Reason/Background for Job

The proposed work is to pull the current completion, set a plug above the Mesaverde, recomplete to the Chacra formation, and downhole comingle with the existing Mesaverde formation.

Basic job procedure

1. Pull tubing
2. Set 4-1/2" composite plug @ +/- 3750' KB
3. Cement squeeze 4-1/2" casing @ +/- 3450' KB
4. Perforate Chacra formation (+/- 3400'-3700'KB gross interval)
5. Fracture stimulate Chacra formation
6. Drill out/Clean out to PBTD
7. Run production tubing and downhole comingle Chacra & Mesaverde
8. Land tubing @ +/- 4745' KB
9. Return well to production



JONES ALS 001-MV
Mesaverde
API # 300450753700
Sec 10 - T28N - R08W
San Juan, NM

* Max temp 132 deg F @ 4983'

Current WBD

GL: 6008'
KB: 10'

TOC: Surface (circ.)

Surface Casing Data

12-1/4" Hole
9-5/8", 25.4#, Armco SW @ 172'
125 sxs cmt

7" TOC: 2280' (T.S. 3/24/55)

4-1/2" TOC: 3700' (CBL 11/25/85)

Intermediate Casing Data

8-3/4" Hole
7", 20# (101jts) & 23# (26jts), J-55 @ 4075'
500 sxs 50/50 poz cmt

KOP: 4094'

Tubing Details

2-3/8", 4.7#, J-55 EUE @ 4860'

Nipple Data

2-slip stop @ 4830' wlm 9/23/15
X-nipple @ 4852'
F-nipple @ 4857'

End of Tubing
4860'

OH sqz'd w/ 400
sxs cmt

OH TD: 4880'

Mesaverde Completion

CH: 4141'-4261' gross
frac w/ 147k# 20/40 snd & 20# gel
MN: 4394'-4588' gross
frac w/ 121.8k# 20/40 snd & slickwater
Lwr MN/PL: 4669'-5040' gross
frac w/ 163.8k# 20/40 snd & slickwater

Production Casing Data

6-1/4" Hole
4-1/2", 10.5#, K-55 ST&C @ 5100' (marker jt @ 3789')
150 sxs cls B cmt

PBTD: 5094'
TD: 5100'

Updated 9/26/16 JJvW

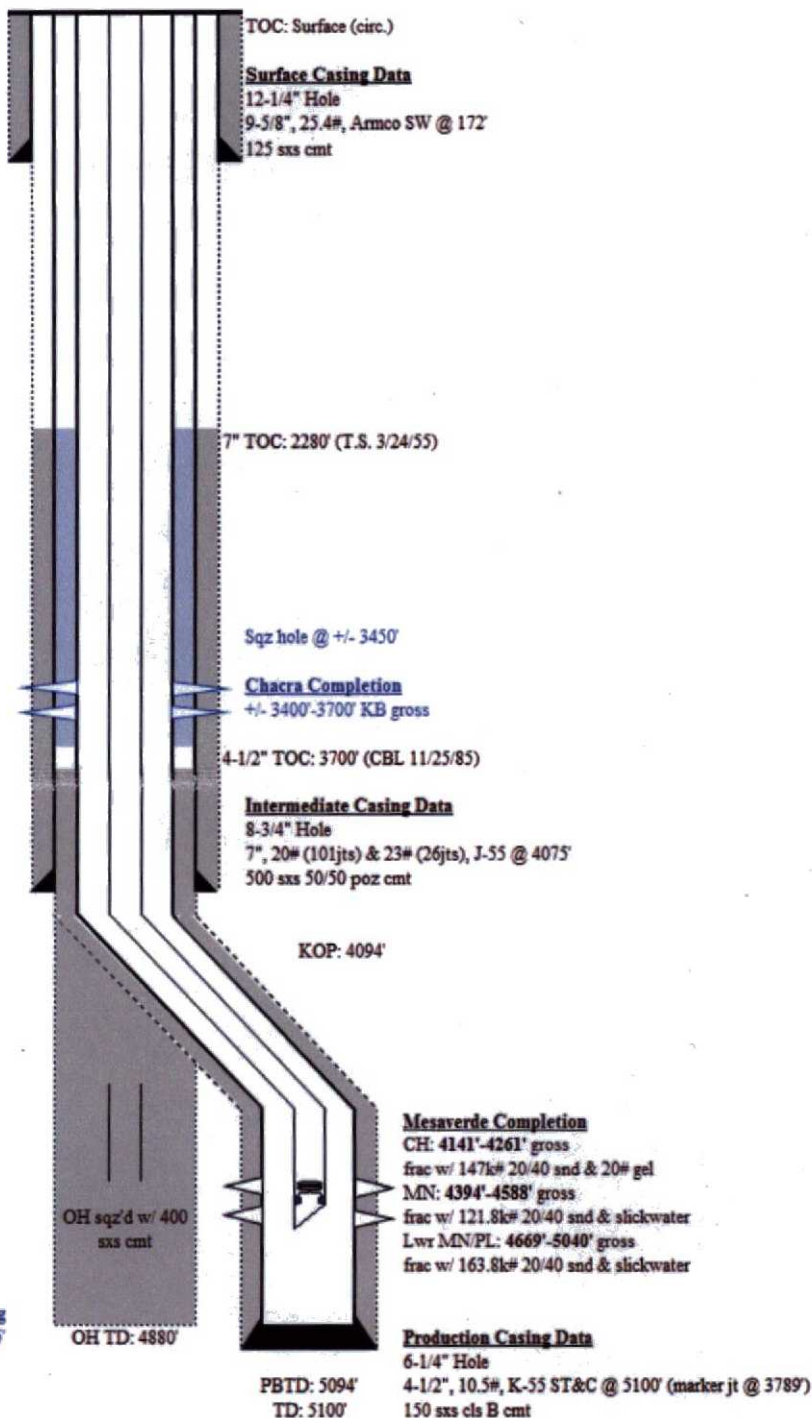


JONES A LS 001-CH/MV
Chacra / Mesaverde
API # 300450753700
Sec 10 - T28N - R08W
San Juan, NM

* Max temp 132 deg F @ 4983'

Proposed WBD

GL: 6008'
KB: 10'



Updated 9/27/16 JJvW

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 30-045-07537	² Pool Code 72319	³ Pool Name Blanco-Mesaverde
⁴ Property Code 000759	⁵ Property Name Jones A LS	⁶ Well Number 1
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 6005

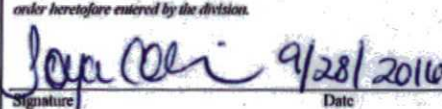
¹⁰ Surface Location

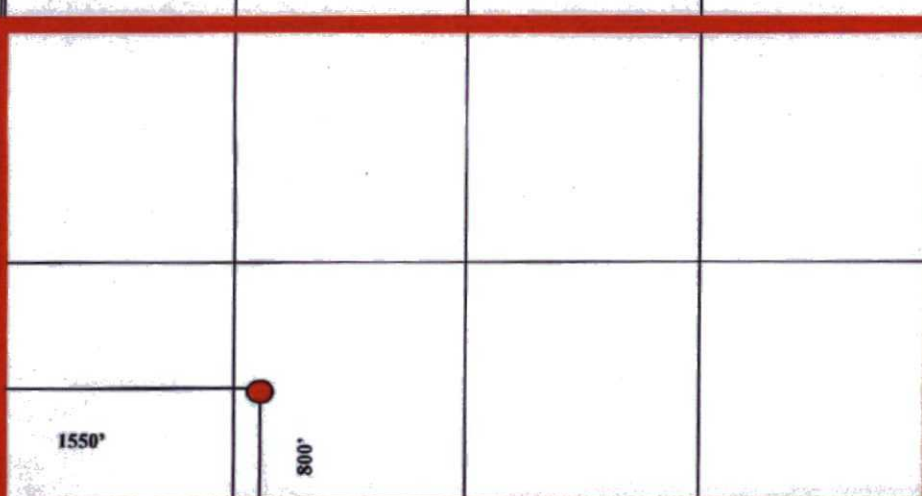
UL or lot no. N	Section 10	Township 28N	Range 08W	Lot Idn	Feet from the 800	North/South line South	Feet from the 1550	East/West line West	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 293.84	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-11363						

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				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 _____ Date 9/28/2010 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



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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-07537	² Pool Code 82329	³ Pool Name Otero Chacra
⁴ Property Code 000759	⁵ Property Name Jones A LS	⁶ Well Number 1
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 6005

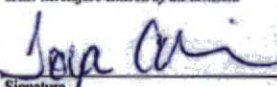
¹⁰ Surface Location

UL or lot no. N	Section 10	Township 28N	Range 08W	Lot Idn	Feet from the 800	North/South line South	Feet from the 1550	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
¹² Dedicated Acres 146.92	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-11363						

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>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> 9/28/2010 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 Signature and Seal of Professional Surveyor:</p> <p>Previously Filed</p> <p>Certificate Number</p>

