

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-045-22879
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. Federal Lease NMNM0606
7. Lease Name or Unit Agreement Name Atlantic A LS
8. Well Number 5A
9. OGRID Number 000778
10. Pool name or Wildcat Blanco-Mesaverde, Blanco Pictured Cliffs

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
BP America Production Company

3. Address of Operator
737 North Eldridge Parkway, 12.181A
Houston, TX 77079

4. Well Location

Unit Letter J : 1700 feet from the South line and 1840 feet from the East line
Section 26 Township 31N Range 10W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6329'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☒
CLOSED-LOOP SYSTEM ☒
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BP America Production Company respectfully requests permission to downhole commingle the existing Blanco-Mesaverde and Blanco Pictured Cliffs formations in the subject well.

The Blanco-Mesaverde (72319) & Blanco Pictured Cliffs (72359) pools are pre-approved for DHC per NMOCD Case No. 12346; Order No. R-11363 effective 4/26/2000. The interest owners are identical between these two formations, therefore notification is not required. Please see attached Land Letter.

Production is proposed to be allocated based on the subtraction method using the 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 Pictured Cliffs.

Commingling production downhole in the subject well from the proposed pools will not reduce the value of the total remaining production.

Please see attached DHC procedure, wellbore schematics, and C-102 plats. BLM Notified via 3160-5 form for Federal Lease NMNM0606.

Spud Date: 12/20/1978

Rig Release Date:

OIL CONS. DIV DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Toya Colvin TITLE Regulatory Analyst DATE 02/26/2016

Type or print name Toya Colvin E-mail address: Toya.Colvin@bp.com PHONE: 281-366-7148

For State Use Only

APPROVED BY: [Signature] TITLE DEPUTY OIL & GAS INSPECTOR DATE 3/15/16

Conditions of Approval (if any):

AV

Atlantic A LS 005A

API # 30-045-22879-00

Location: J SEC. 26, T31N, R10W

San Juan County, New Mexico

Reason/Background for Job

It is proposed to commingle the two formations and install a rod pump to optimize the well and restore production.

Production is proposed to be allocated based on the subtraction method using the Mesa Verde 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 Pictured Cliffs.

Basic Job Procedure

1. Pull PC tubing
2. Unset packer and pull MV tubing
3. Clean out wellbore
4. Run tubing, pump, and rods
5. Return well to production

Current WBD



Atlantic A LS 005A
PC/MV
API # 30-045-22879
Unit J - Sec. 26 - T31N - R10W
San Juan, NM

Depth	Deviation	Incl.
225		1.00
950		1.00
1170		0.75
1650		0.50
2150		1.00
2225		1.00
2730		1.50
3214		1.00
3450		1.00
3950		1.00
4500		1.50
5000		1.25
5491		1.00
5750		1.00

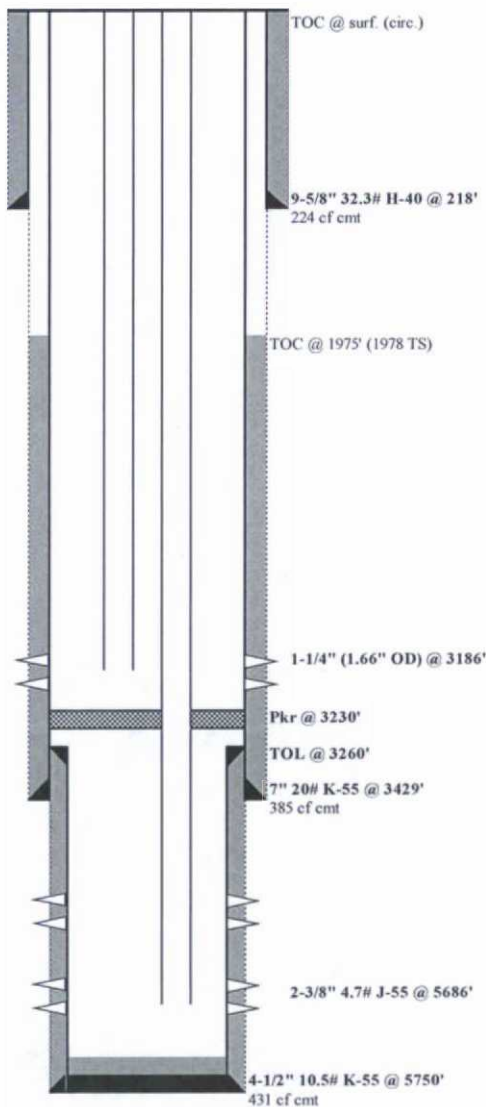
Pictured Cliffs Perforations

3100' - 3119'	16 spz
3128' - 3150'	16 spz
3161' - 3175'	16 spz
3191' - 3202'	16 spz
Frac'd w/ 65k# 10/20 & 80k gal water	

Mesa Verde Perforations

4628', 75', 4723', 46', 65', 80'
4844', 70', 76', 82', 88', 94'
4903', 13', 27', 32', 39', 5036', 52'
Frac'd w/ 56k# 20/40 & 11k gal water
5159', 80', 91', 95'
5359', 63', 67', 71', 89', 92'
5416', 20', 24', 28', 46', 50', 64'
5510', 47', 5601', 36', 70', 5718'
Frac'd w/ 57k# 20/40 & 114k gal water

GL: 6329'



PBTD: 5732'
TD: 5750'

Proposed WBD



Atlantic A LS 005A
PC/MV
API # 30-045-22879
Unit J - Sec. 26 - T31N - R10W
San Juan, NM

Depth	Deviation	Incl.
225		1.00
950		1.00
1170		0.75
1650		0.50
2150		1.00
2225		1.00
2730		1.50
3214		1.00
3450		1.00
3950		1.00
4500		1.50
5000		1.25
5491		1.00
5750		1.00

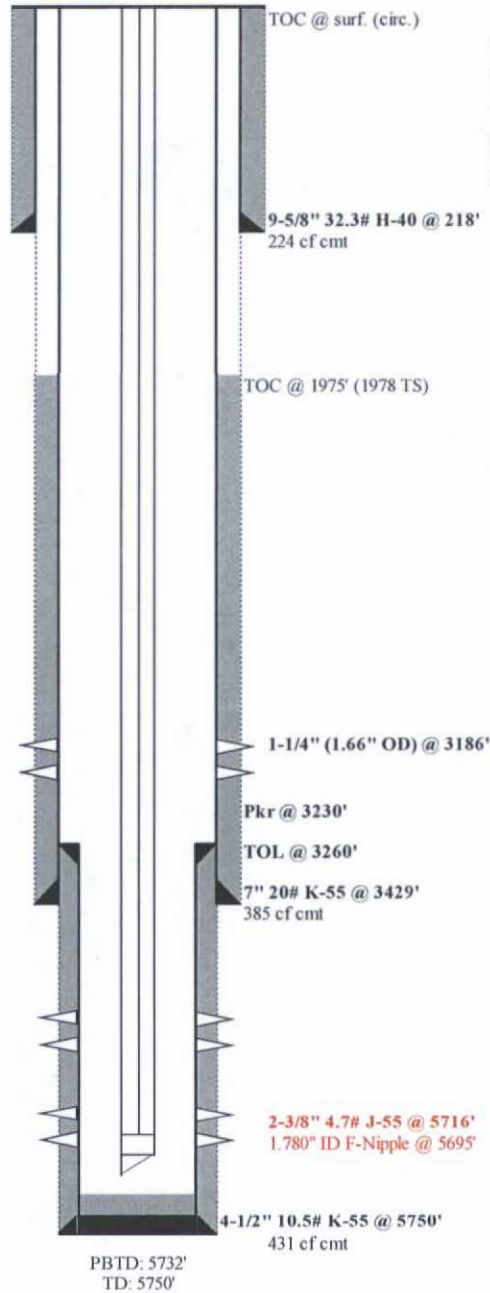
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GL: 6329'



Formation Tops

Fruitland	2630'
Pictured Cliffs	3098'
Mesa Verde	4620'
Point Lookout	5340'

Ojo Alamo	Not Logged
Kirtland	Not Logged
Chacra	Not Logged



February 25, 2016

Ms. Toya Colvin – Regulatory Analyst
BP America Production Company
737 N. Eldridge Parkway
Houston, TX 77079

RE: Atlantic A LS 005A – Commingle Application
NWSE Section 26-T31N-R10W
San Juan County, NM
API #30-045-22879

Ms. Colvin:

I have reviewed BP America Production Company's division order records and other BP files concerning the above captioned well by comparing interest records for the Mesa Verde formation in the S/2 of Sec 26-T31N-R10W against the interest records for the Pictured Cliffs formation in the SE/4 of Sec 26-T31N-R10W.

This review indicated that ownership in the Mesa Verde; Pictured Cliffs formations are as follows:

<u>Mesa Verde - S/2 Section 26-T31N-R10W (320.0 acres)</u>	
BP America Production Company	75.0% WI
ConocoPhillips Cos.	25.0% WI

<u>Pictured Cliffs – SE Section 26-T31N-R10W (160.0 acres)</u>	
BP America Production Company	75.0% WI
ConocoPhillips Cos.	25.0% WI

The Atlantic A LS 005A (MV/PC), (API # 300-45-22879) consists of one (1) Federal lease: NM 0606, 1/8th Royalty

Please contact me at x1988 if you have any questions concerning this topic.

Sincerely,
Craig T. Ferguson
Land Negotiator

BP America Production Co.
Lower 48 Onshore

Craig T. Ferguson
craig.ferguson@bp.com
281-366-1988 (direct)

E3, 12.173B
737 N. Eldridge Parkway
Houston, Texas 77079

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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 30-045-22879		² Pool Code 72319		³ Pool Name Blanco-Mesaverde	
⁴ Property Code 000281		⁵ Property Name Atlantic A LS			⁶ Well Number 5A
⁷ OGRID No. 000778		⁸ Operator Name BP America Production Company			⁹ Elevation 6329

¹⁰ Surface Location

UL or lot no. J	Section 26	Township 31N	Range 10W	Lot Idn	Feet from the 1700	North/South line South	Feet from the 1840	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 317.27		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 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.</p> <p><i>Toya Colvin</i> 7/25/2016 Signature Date</p> <p>Toya Colvin Printed Name</p> <p>Toya.Colvin@bp.com E-mail Address</p>
					<p>¹⁸ SURVEYOR CERTIFICATION 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.</p> <p>Date of Survey Signature and Seal of Professional Surveyor:</p> <p>Previously Filed</p> <p>Certificate Number</p>

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Revised July 16, 2010
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-22879	² Pool Code 72359	³ Pool Name Blanco Pictured Cliffs
⁴ Property Code 000281	⁵ Property Name Atlantic A LS	⁶ Well Number 5A
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 6329

¹⁰ Surface Location


UL or lot no. J	Section 26	Township 31N	Range 10W	Lot Idn	Feet from the 1700	North/South line South	Feet from the 1840	East/West line East	County San Juan
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¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-11363
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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 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

