

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., 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 and Natural Resources

Form C-103  
March 4, 2004

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

WELL API NO. <b>30-045-26842</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <b>Blanco LS (Filed with BLM - Federal Lease NM - 012201)</b>
8. Well Number <b>12A</b>
9. OGRID Number <b>000778</b>
10. Pool name or Wildcat <b>Blanco Mesaverde &amp; Otero Chacra</b>

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK 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  
**P O Box 3092 Houston, TX 77253 Attn: Mary Corley Rm 19.171**

4. Well Location  
Unit Letter **D** : **610** feet from the **North** line and **920** feet from the **West** line  
Section **36** Township **28N** Range **08W** NMPM **San Juan** County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**6142' GL**

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit Location: UL **D** Sect **36** Twp **28N** Rng **08W** Pit type **Workover** Depth to Groundwater **>100** Distance from nearest fresh water well **>1000**

Distance from nearest surface water **>1000'** Below-grade Tank Location UL Sect Twp Rng ;

+/- **610** feet from the **North** line and +/- **920** feet from the **West** line

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 COMPLETION ☐

OTHER: **Recompletion & DHC - Pit Permit** ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND 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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

**BP America Production Company request permission to recomplete the subject well into the Otero Chacra and commingle production Downhole with the existing Blanco Mesaverde as per the attached procedure.**

*DHC 1721AZ*

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE *Mary Corley* TITLE **Sr. Regulatory Analyst** DATE **11/10/2004**

Type or print name **Mary Corley** E-mail address: **corleym@bp.com** Telephone No. **281-366-4491**

(This Space for State Use)

APPROVED BY *[Signature]* TITLE **DEPUTY OIL & GAS INSPECTOR, DIST. 89** DATE **NOV 15 2004**  
Conditions of approval, if any:

**Blanco LS 12A  
30-045-26542  
Downhole Commingling**

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**The Blanco Mesaverde (72319) and Otero Chacra (82329) Pools are Pre-Approved Pools for Downhole Commingling per NMOCD order R-11363. The working and overriding royalty interest owners in the proposed commingled pools are identical, therefore no further notification of this application is required.**

**Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Mesaverde. That production shall 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 Chacra. Attached is the future production decline estimates for the Mesaverde.**

**Commingling Production Downhole in the subject well from the proposed Pools will not reduce the value of the total remaining production.**

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**PIT**

**Construct a lined workover pit per BP America – San Juan Basin Drilling/ Workover Pit Construction Plan issued date of 04/15/2004. Pit will be closed according to closure plan on file.**

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**Blanco LS # 12A**  
**API #: 30-045-26542**  
**Recompletion Into The Chacra and DHC With Mesaverde Procedure**

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**Procedure:**

1. Perform pre-rig site inspection. Check ID wellhead, if earth pit is required have One Call made 48 hours prior to digging.
2. RU slickline unit or wireline unit. Pressure test lubricator and equipment. RIH and set barriers for isolation in tubing string.
3. MIRU workover rig.
4. Blow down well. Kill with 2% KCL water ONLY if necessary.
5. Check all casing strings to ensure no pressure exist on any annulus
6. Nipple down Wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 200 psi above BHP. Monitor flowing casing pressure with gauge (with casing flowing to blow tank) throughout workover.
7. RIH and tag fill, then TOH with 2-3/8" production tubing currently set at 5183'. Visually inspect tubing while POOH.

Contingency: *If the 2-3/8" tubing is in poor condition, replace entire tubing string.*

8. TIH with bit and scraper for 4-1/2" casing to PBTD. Work casing scraper across old Mesaverde perforations (4292' – 4674'), setting depth of CIPB (+/- 4000'), and then new Chacra interval. POOH.
9. RIH with 4-1/2" CIBP on pipe. Set CIBP @ +/- 4000'.
10. Load well with 2% KCl. Pressure test casing to 1800 psi with rig pumps. POOH.
11. RIH with 3-1/8" casing guns w/lubricator. Perforate Chacra formation (correlate to GR log). 125' gross, 15 spots @ 4 SPF=60 holes  
3749', 3743, 3732, 3727, 3722, 3715, 3709, 3643, 3634, 3625, 3605, 3600, 3594, 3590', 3585'.
12. NU Frac Isolation equipment, Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule. Flush frac with foam.
13. Flowback frac immediately.
14. ND Frac isolation equipment.

15. Rig up air package/unit, pressure test all lines. TIH with tubing and bit for 4-1/2" casing. Cleanout fill to top of CIBP. **Perform well test on Chacra for regulatory and document well test in DIMS.** Then finish cleanout fill and drill bridge plug set at +/- 4000'. Cleanout fill to PBTD 5240'.
16. RIH with 2-3/8" production tubing.
17. Land 2-3/8" production tubing at +/- 4900'.
18. ND BOP's. NU Wellhead. Pressure test Wellhead.
19. RU WL unit. Run gauge ring for 2-3/8" tubing. Pull plugs and set tubing stop for plunger
20. RD slickline unit.
21. Test well for air. Return well to production and downhole co-mingle Chacra, and Mesaverde. RD and release all equipment.

# Blanco LS 12 A

T28N, R8W, Sec 36

API # 30-045-26542

GL: 6172'

## History:

Completed as a MV 11/85

sqz 150 sxs in casing leak 10/85

## Mesaverde Perforations

4292'-4383' (72 holes) w/90,000 #'s sand  
4557'-4674' (88 holes) w/109,000 #'s of sand  
4848' - 4910' (86 holes) w/ 118000 #'s sand

CIBP pushed to bottom  
11/22/85

PBTD: 5240'  
TD: 5300'

est. TOC @ surface (circ)

9-5/8" 36# K55 @ 302'

250 sxs cmt (circulated 20 bbls to sur)

DV tool at 1293'

2nd stage 225 sxs

Est. TOC surface (cir 1 bbl to sur.)

4-1/2" liner hanger @ 3077'

7" 23#, K55 ST&C @ 3221'

275 sxs cmt

Est. TOC @ liner top CBL 10/85

Good bond from 4100' to liner top  
10/25/85

Tubing: 2-3/8" 4.7#, J55 8rd @ 5183'

Sqz holes at 4848' sqz w/75 sxs

Sqz holes at 4959' sqz w/150 sxs, 2nd sqz 75 sxs

Sqz holes at 5204' sqz w/75 sxs

4-1/2" liner, 10.5#, K55 ST&C @ 5297'

380 sxs cmt

updated: 10/26/04 GKC

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2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised August 15, 2000

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-045-26542</b>	<sup>2</sup> Pool Code <b>82329</b>	<sup>3</sup> Pool Name <b>Otero Chacra</b>
<sup>4</sup> Property Code <b>000322</b>	<sup>5</sup> Property Name <b>Blanco LS</b>	<sup>6</sup> Well Number <b>12A</b>
<sup>7</sup> OGRID No. <b>000778</b>	<sup>8</sup> Operator Name <b>BP America Production Company</b>	<sup>9</sup> Elevation

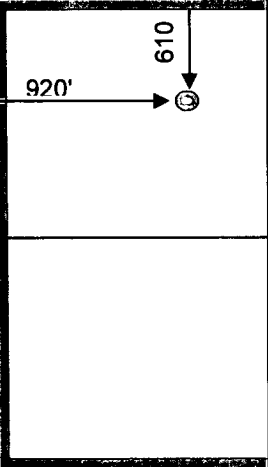

<sup>10</sup> Surface Location

UL or lot no. <b>Unit D</b>	Section <b>36</b>	Township <b>28N</b>	Range <b>08W</b>	Lot Idn	Feet from <b>610</b>	North/South <b>North</b>	Feet from <b>920</b>	East/West <b>West</b>	County <b>San Juan</b>
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from	North/South	Feet	East/West	County
<sup>12</sup> Dedicated Acres <b>160</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						

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

					<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>
					Signature  Printed Name <b>Mary Corley</b> Title <b>Sr. Regulatory Analyst</b> Date <b>11/08/2004</b>
					<sup>18</sup> 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>
					<b>8/19/1985</b> Date of Survey Signature and Seal of Professional Surveyor: <b>Fred B Kerr 3950</b> Certificate Number