

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. 30-045-23853
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 Tapp LS (Filed with BLM - Federal Lease SF - 078499)
8. Well Number 4A
9. OGRID Number 000778
10. Pool name or Wildcat Blanco Mesaverde & Otero Chacra
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5959' GL
Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)
Pit Location: UL <u>F</u> Sect <u>16</u> Twp <u>28N</u> Rng <u>08W</u> Pit type <u>Workover</u> Depth to Groundwater <u>&gt;100</u> Distance from nearest fresh water well <u>&gt;1000</u> Distance from nearest surface water <u>&gt;1000'</u> Below-grade Tank Location UL _____ Sect _____ Twp _____ Rng _____ ; +/- <u>1850</u> feet from the <u>North</u> line and +/- <u>1815</u> feet from the <u>West</u> line

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  
P O Box 3092 Houston, TX 77253 Attn: Mary Corley Rm 19171

4. Well Location  
Unit Letter F : 1850 feet from the North line and 1815 feet from the West line  
Section 16 Township 28N Range 08W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
5959' GL

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

Pit Location: UL F Sect 16 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 \_\_\_\_\_ ;  
+/- 1850 feet from the North line and +/- 1815 feet from the West line

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: <u>Recompletion &amp; DHC (Workover Pit)</u> <input checked="" type="checkbox"/>	OTHER: <input type="checkbox"/>

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.  
Continued on reverse side of Form.

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 05/14/2004

Type or print name Mary Corley E-mail address: corleym1@bp.com Telephone No. 281-366-4491

(This Space for State Use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. IV DATE JUN - 1 2004

Conditions of approval, if any:

**The Blanco Mesaverde (72319) & 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 additional notification is required to be given to interest owners.**

**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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**Construct a lined workover pit per BP America – General 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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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 30-045-23853	<sup>2</sup> Pool Code 82329	<sup>3</sup> Pool Name Otero Chacra
<sup>4</sup> Property Code 001161	<sup>5</sup> Property Name Tapp LS	<sup>6</sup> Well Number 4A
<sup>7</sup> OGRID No. 000778	<sup>8</sup> Operator Name BP America Production Company	<sup>9</sup> Elevation 5959' GL

<sup>10</sup> Surface Location

UL or lot no. Unit F	Section 16	Township 28N	Range 08W	Lot Idn	Feet from 1850	North/South North	Feet from 1815	East/West West	County San Juan
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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 160	<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

		<p><sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Mary Corley</i> Signature Mary Corley Printed Name Sr. Regulatory Analyst Title 05/26/2004 Date</p>
		<p><sup>18</sup> 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>8/26/1979 Date of Survey Signature and Seal of Professional Surveyor: Fred B Kerr 3950 Certificate Number</p>

**Tapp LS 4A**  
**Complete into the Chacra and Downhole Commingle with the Mesaverde**

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**Procedure:**

1. Check anchors. MIRU workover rig.
2. Check and record tubing, casing, and bradenhead pressures.
3. Blow down well. Kill with 2% KCL water ONLY if necessary.
4. Nipple down WH. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 500 psi. Monitor flowing casing pressure with gauge (with casing flowing to blow tank) throughout workover.
5. RU slickline unit or wireline unit. RIH and set plug (CIBP, tbg collar stop and plug, or plug set in nipple) for isolation.
6. RIH and tag fill, Tally OH with tubing string. Visually inspect tbg while POOH.
7. Contingency: *If the 2-3/8" tubing is in poor condition, replace entire tubing string.*
8. RIH w/ bit and scraper for 4-1/2" casing to PBTD at 5071'. Work casing scraper across old interval, interval for CIBP, and new Chacra interval.
9. Set CIBP at +/- 4000'.
10. Load well with 2% KCl. Pressure test casing to 2800 psi with rig pumps. 80% of burst is 2992 psi for 7" 20 ppf, K-55 casing.
11. RU W/L unit. RIH w/CBL and log from 4000' to top of the liner at 2621'. Confirm that top of cement is not deeper than 2843'. Contact engineer if top of cement is below 2843' to discuss block squeeze.
12. RIH with 3-1/8" casing guns. Perforate Chacra formation (correlate to GR log).  
  
Chacra Perforations, 230' gross, 15 spots @ 4 SPF=60 holes  
3534, 3520, 3504, 3490, 3485, 3475, 3468, 3420, 3405, 3395, 3375, 3370, 3365, 3354, 3343'.
13. RU tree saver and frac equipment.
14. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule. Maintain surface pressures  $\leq$  2800 psi during frac job. Flush frac with foam. Fill out GWSI scorecard.
15. Flowback frac immediately.
16. TIH with tubing and bit. Cleanout fill out and flow test Chacra formation at least 4 hours. Then drill bridge plug set at 4000'. C/O to PBTD at 5071'. Blow well dry at PBTD.

17. Rabbit tubing and RIH with 2-3/8" production tubing (muleshoe sub, F-nipple, 4 ft pup, X-nipple with plug in place). Fill tubing with water while RIH and test to 500 psi or test with air unit to 500 psi if on location.
18. Land 2-3/8" production tubing at +/-5011'. ND BOP and NU WH. During master valve placement ensure the top of hanger has spacer nipple in place to bottom of bonnet flange so plunger equipment will not hang up through tree.
19. Swab down tubing or blow dry with air foam unit.
20. RU slickline unit. Run gauge ring for 2-3/8" tubing. Pull plug. Flow well up tubing long enough to verify it will not log off. Set tubing stop for plunger. Communicate plunger equipment status to IC room personnel.
21. Test well for air. Return well to production.

**Tapp LS 4A**  
Sec 16, T28N, R8W  
API # 30-045-23853

GL: 5959'

History:

Completed as MV in 2/80

est. TOC @ surface (circ)

**9-5/8" 36# K55 @ 228'**  
224 cu ft cmt (circulated)

Est. TOC 1250' temp log 2/80

**4-1/2" liner hanger @ 2621'**

**7" 20#, K55 @ 2789'**  
305 cu ft cmt

Est. TOC unknown

**Tubing: 2-3/8" @ 5011'**

**4-1/2" liner, 10.5#, K55 @ 5088'**  
426 cu ft cmt

PBTD: 5071'

Mesaverde Perforations

4046'-4462' w/ 51,000 #'s sand

4584'-5021' w/ 65,000 #'s sand

Formation Tops:

Chacra	3340
Meseverde	4030
Point Lookout	4613

updated: 5/12/04 GKC