

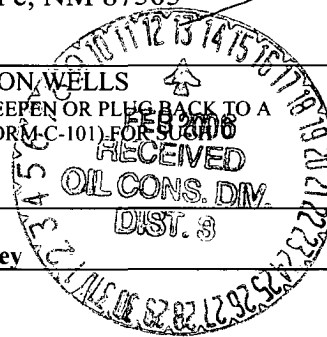
Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

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

WELL API NO. 30-045-29248
7. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
7. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Storey LS
8. Well Number 1A
9. OGRID Number 000778
10. Pool name or Wildcat Blanco Mesaverde/Otero Chacra



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 PROPOSALS.)

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

2. Name of Operator
BP America Production Company - Attn: Mary Corley

3. Address of Operator
P.O. Box 3092 Houston, TX 77253

4. Well Location
Unit Letter **E** : **1850** feet from the **North** line and **920** feet from the **West** line
Section **27** Township **28N** Range **08W** NMPM **San Juan** County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6145' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type **Workover** Depth to Groundwater **>100'** Distance from nearest fresh water well **>1000'** Distance from nearest surface water **>1000'**

Pit Liner Thickness: **12** mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	P AND A <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
MULTIPLE COMPL <input type="checkbox"/>	OTHER: <input type="checkbox"/>

OTHER: **Complete into Chacra & DHC w/Mesaverde**

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 Pool and commingle production Downhole with the existing Blanco Mesaverde as per the attached procedure. 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 additional notification is required. BLM has been notified via FORM 3160-5. 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 with not reduce the value of the total remaining production

Construct a lined workover pit per BP America – San Juan Basin Drilling/ Workover Pit Construction Plan issued date of 11/17/2004. Pit will be closed according to closure plan on file.

DHC 2162 AZ

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 02/06/2006
Type or print name Mary Corley E-mail address: corlevml@bp.com Telephone No. 281-366-4491
For State Use Only
APPROVED BY: [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE FEB 13 2006
Conditions of Approval (if any): _____

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
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

¹ API Number 30-045-29248	² Pool Code 82329	³ Pool Name Otero Chacra
⁴ Property Code 001133	⁵ Property Name Storey LS	⁶ Well Number 1A
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 6145' GR

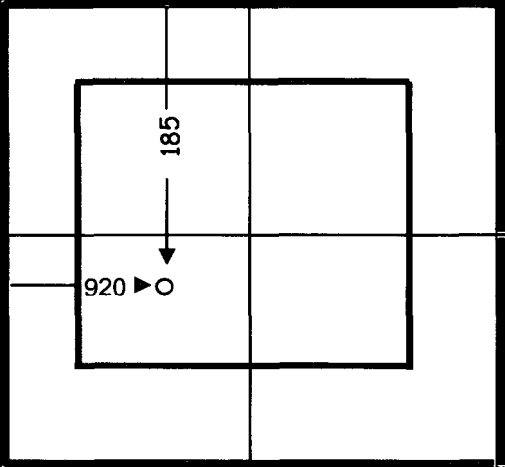
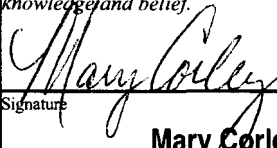
¹⁰ Surface Location

UL or lot no. Unit E	Section 27	Township 28N	Range 08W	Lot Idn	Feet from 1850	North/South North	Feet from 920	East/West 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	North/South	Feet	East/West	County
¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

				¹⁷ 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 Mary Corley
				Printed Name Sr. Regulatory Analyst
				Title 2/6/2006
				Date
				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> On File
				Date of Survey
				Signature and Seal of Professional Surveyor:
				Certificate Number

Storey LS 1A

Future Production Decline Estimate

Mesaverde Daily Rates

$\ln(Q_f/Q_i) = -dt$
 $Q_f = 118$
 $Q_i = 120$
 $rate = 118$
 $time = 3$
 $dt = -0.016807118$
 $decline = -0.005602373$

Month	Gas Volume
Jan-2005	111
Feb-2005	102
Mar-2005	104
Apr-2005	107
May-2005	115
Jun-2005	100
Jul-2005	120
Aug-2005	125
Sep-2005	118
Oct-2005	109
Nov-2005	130
Dec-2005	123
Jan-2006	122
Feb-2006	121
Mar-2006	121
Apr-2006	120
May-2006	119
Jun-2006	119
Jul-2006	118
Aug-2006	117
Sep-2006	117
Oct-2006	116
Nov-2006	115
Dec-2006	115
Jan-2007	114
Feb-2007	113
Mar-2007	113
Apr-2007	112
May-2007	112
Jun-2007	111
Jul-2007	110
Aug-2007	110
Sep-2007	109
Oct-2007	108
Nov-2007	108
Dec-2007	107

Month	Gas Volume
Jan-2008	107
Feb-2008	106
Mar-2008	105
Apr-2008	105
May-2008	104
Jun-2008	104
Jul-2008	103
Aug-2008	103
Sep-2008	102
Oct-2008	101
Nov-2008	101
Dec-2008	100
Jan-2009	100
Feb-2009	99
Mar-2009	99
May-2009	98
Jun-2009	98
Jul-2009	97
Aug-2009	96
Sep-2009	96
Oct-2009	95
Nov-2009	95
Dec-2009	94
Jan-2010	94
Feb-2010	93
Mar-2010	93
Apr-2010	92
May-2010	92
Jun-2010	91
Jul-2010	91
Aug-2010	90
Sep-2010	90
Oct-2010	89
Nov-2010	89
Dec-2010	88
Jan-2011	88

Month	Gas Volume
Feb-2011	87
Mar-2011	87
Apr-2011	86
May-2011	86
Jun-2011	85
Jul-2011	85
Aug-2011	84
Sep-2011	84
Oct-2011	83
Nov-2011	83
Dec-2011	82
Jan-2012	82
Feb-2012	81
Mar-2012	81
Apr-2012	81
May-2012	80
Jun-2012	80
Jul-2012	79
Aug-2012	79
Sep-2012	78
Oct-2012	78
Nov-2012	77
Dec-2012	77
Jan-2013	77
Feb-2013	76
Mar-2013	76
Apr-2013	75
May-2013	75
Jun-2013	75
Jul-2013	74
Aug-2013	74
Sep-2013	73
Oct-2013	73
Nov-2013	72
Dec-2013	72
Jan-2014	72

Storey LS 1A
Perforate, Frac Chacra, and Downhole Comingling Chacra and Mesaverde
Feb 3, 2006

1. Perform pre-rig site inspection. Check for: size of location, Gas Taps, other wells, other operators, running equipment, wetlands, wash (dikes req.), H2S, barriers needed for equipment, Landowner issues, location of pits (buried lines in pits), Raptor nesting, critical location, check anchors. Check ID wellhead, if earth pit is required have One Call made 48 hours prior to digging.
2. Perform second site visit after lines are marked to ensure all lines clear marked pit locations. Planning and Scheduling to ready location for rig.
3. RU e-line unit. Pressure test lubricator and equipment. RIH and set composite bridge plug at +/- 4000'
4. Check and record casing, and bradenhead pressures. Ensure production casing has double casing valves installed. Double valve all casing strings.
5. LO/TO all necessary equipment including but not limited to: meter run, Automation, Separators and water lines.
6. Prepare for explosive operations. Follow Schlumberger Explosive SOP including radio silence, suspension of welding operations, and isolation of electrical devices from the work area. Perform Pre-job Safety Meeting to review JSA and procedures. Meeting should address the VDR (vehicle data recorder) System that Bp people have installed on their vehicles.
7. RIH with 1-11/16" HSC perforating guns w/lubricator. Perforate Chacra formation:
8. NU frac isolation equipment. Install and monitor production casing and treating pressure during entire job in frac van via pressure transducers on production casing and treating line. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule. Maintain surface pressures , less than 5,000 psi during frac job. Flush frac with foam. Fill out GWSI scorecard.
9. Flowback frac immediately. Flow well through choke manifold on 1/4", 1/2" and 3/4" chokes increasing drawdown until well dies or stabilizes. This is to aid in reducing sand flowback. Recommend 8 hours of flow for each choke size.
10. Rig up CTU. Pressure test all lines (Testing procedure to be supplied from CTU company), TIH with CT motor and bit for 2-7/8" casing. Cleanout fill to top of composite bridge plug at 4000'. Blow well Dry.
(contingency: If N2 unit is not available to use with CTU or there is a lot of fill in the MV section, will use regular rig for clean-out.)
11. RD CTU.
12. Test well for air. Return well to production.

Storey LS 1A
Sec 27, T28N, R8W
API #: 30-04529248

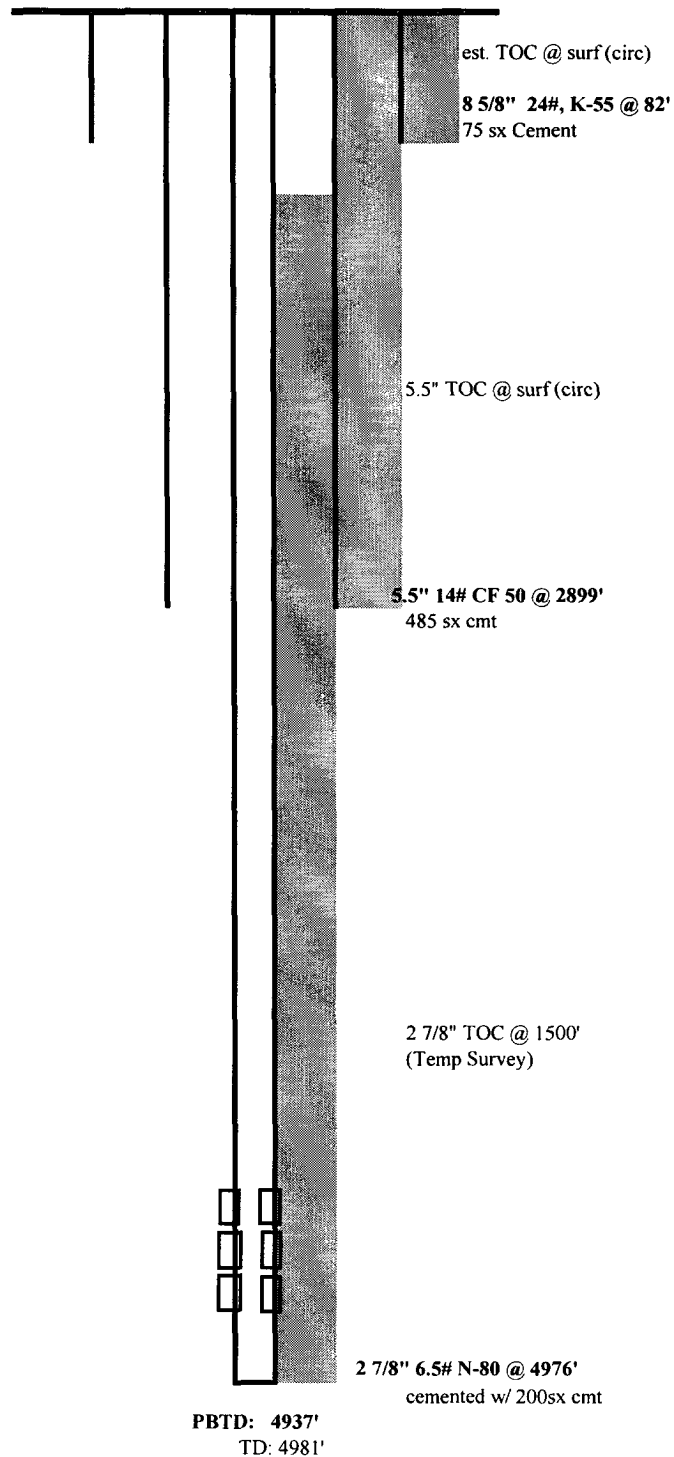
GL: 6145'

History:

- Drilled and completed in 1995

MV perforations

4190' - 4930', frac'd with 228 klbs sand



updated: 08/19/02 az