

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000**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. NMSF - 077123	
2. Name of Operator BP AMERICA PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name	
3a. Address P.O. BOX 3092 HOUSTON, TX 77253		7. If Unit or CA/Agreement, Name and/or No.	
3b. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700		8. Well Name and No. WARREN LS 3A	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 13 T28N R9W NWNW 1070FNL 1850FWL		9. API Well No. 30-045-23771	
		10. Field and Pool, or Exploratory BLANCO MV & OTERO CHACRA	
		11. County or Parish, and State SAN JUAN COUNTY, NM	

## 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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Subsurface Commingling
	<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 America Production Company request permission to recompleate the subject well into the Otero Chacra and commingle production Downhole with the existing Blanco Mesaverde as per the attached procedure.

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 not identical, therefore notice is being given to interest owners via copy of this application by certified mail return receipt requested.

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

**CONDITIONS OF APPROVAL**  
Adhere to previously issued stipulations.

5-27-04

DNC 1507A2

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #30859 verified by the BLM Well Information System For BP AMERICA PRODUCTION COMPANY, sent to the Farmington Committed to AFMSS for processing by MATTHEW HALBERT on 07/12/2004 ( )</b>	
Name (Printed/Typed) MARY CORLEY	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 05/18/2004

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <u>[Signature]</u>	Title <u>Petr. Eng</u>	Date <u>7/14/04</u>
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

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.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED****NMOCD**

**Additional data for EC transaction #30859 that would not fit on the form**

**32. Additional remarks, continued**

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.

# Future Production Decline Estimate Mesaverde Daily Rates

Month	Gas Volume
Jan-2003	0
Feb-2003	87
Mar-2003	105
Apr-2003	82
May-2003	96
Jun-2003	56
Jul-2003	57
Aug-2003	58
Sep-2003	58
Oct-2003	65
Nov-2003	82
Dec-2003	79
Jan-2004	96
Feb-2004	95
Mar-2004	95
Apr-2004	95
May-2004	95
Jun-2004	94
Jul-2004	94
Aug-2004	94
Sep-2004	93
Oct-2004	93
Nov-2004	93
Dec-2004	92
Jan-2005	92
Feb-2005	92
Mar-2005	91
Apr-2005	91
May-2005	91
Jun-2005	90
Jul-2005	90
Aug-2005	90
Sep-2005	89
Oct-2005	89
Nov-2005	89
Dec-2005	88

$\ln(Q_f/Q_i) = -dt$   
 $Q_f = 79$   
 $Q_i = 82$   
 $rate = 79$   
 $time = 9$   
 $dt = -0.037271395$   
 $decline = -0.327160021$

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Month	Gas Volume
Jan-2006	88
Feb-2006	88
Mar-2006	87
Apr-2006	87
May-2006	87
Jun-2006	86
Jul-2006	86
Aug-2006	86
Sep-2006	85
Oct-2006	85
Nov-2006	85
Dec-2006	84
Jan-2007	84
Feb-2007	84
Mar-2007	84
Apr-2007	83
May-2007	83
Jun-2007	83
Jul-2007	82
Aug-2007	82
Sep-2007	82
Oct-2007	81
Nov-2007	81
Dec-2007	81
Jan-2008	80
Feb-2008	80
Mar-2008	80
Apr-2008	79
May-2008	79
Jun-2008	79
Jul-2008	78
Aug-2008	78
Sep-2008	78
Oct-2008	78
Nov-2008	77
Dec-2008	77
Jan-2009	77

Month	Gas Volume
Feb-2009	76
Mar-2009	76
Apr-2009	76
May-2009	75
Jun-2009	75
Jul-2009	75
Aug-2009	74
Sep-2009	74
Oct-2009	74
Nov-2009	73
Dec-2009	73
Jan-2010	73
Feb-2010	72
Mar-2010	72
Apr-2010	72
May-2010	71
Jun-2010	71
Jul-2010	71
Aug-2010	70
Sep-2010	70
Oct-2010	70
Nov-2010	69
Dec-2010	69
Jan-2011	69
Feb-2011	68
Mar-2011	68
Apr-2011	68
May-2011	67
Jun-2011	67
Jul-2011	67
Aug-2011	66
Sep-2011	66
Oct-2011	66
Nov-2011	65
Dec-2011	65
Jan-2012	65

## Future Production Decline Estimate

## Mesaverde Daily Rates

Month	Gas Volume
Feb-2012	65
Mar-2012	64
Apr-2012	64
May-2012	64
Jun-2012	63
Jul-2012	63
Aug-2012	63
Sep-2012	62
Oct-2012	62
Nov-2012	62
Dec-2012	61
Jan-2013	61
Feb-2013	61
Mar-2013	60
Apr-2013	60
May-2013	60
Jun-2013	59
Jul-2013	59
Aug-2013	59
Sep-2013	58
Oct-2013	58
Nov-2013	58
Dec-2013	57
Jan-2014	57
Feb-2014	57
Mar-2014	56
Apr-2014	56
May-2014	56
Jun-2014	55
Jul-2014	55
Aug-2014	55
Sep-2014	54
Oct-2014	54
Nov-2014	54
Dec-2014	53
Jan-2015	53

Month	Gas Volume
Feb-2015	53
Mar-2015	52
Apr-2015	52
May-2015	52
Jun-2015	51
Jul-2015	51
Aug-2015	51
Sep-2015	50
Oct-2015	50
Nov-2015	50
Dec-2015	49
Jan-2016	49
Feb-2016	49
Mar-2016	48
Apr-2016	48
May-2016	48
Jun-2016	47
Jul-2016	47
Aug-2016	47
Sep-2016	46
Oct-2016	46
Nov-2016	46
Dec-2016	45
Jan-2017	45
Feb-2017	45
Mar-2017	44
Apr-2017	44
May-2017	44
Jun-2017	44
Jul-2017	43
Aug-2017	43
Sep-2017	43
Oct-2017	42
Nov-2017	42
Dec-2017	42
Jan-2018	41