

10-1-04 DATE IN	SUSPENSE	ENGINEER Jones	10-1-04 LOGGED IN	PC TYPE	PSEM0427545855 APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☒ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

- [D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☐ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☒ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Mary Corley
Print or Type Name

Signature

Sr. Regulatory Analyst 09/30/2004
 Title Date
 corleyml@bp.com
 e-mail Address

2004 OCT 1 AM 10 57

Jones, William V

From: Jones, William V
Sent: Friday, October 01, 2004 1:28 PM
To: Mary Corley (E-mail)
Cc: Ezeanyim, Richard
Subject: Pool commingles in three wells

Hello Mary:

I just received the three C-103 forms as applications to surface commingle - all in identically owned situations.

Our latest rules say that a lawyer or land manager must sign the statement that ownership is identical.

If you want, just have the land manager sign the second page (your write-up) and fax it back to me. You did not send a surface schematic, but I don't need one in these cases, unless the CDP's are away from the leases.

Regards,

Will

William V. Jones

Engineering Bureau

Oil Conservation Division

Santa Fe

10/1/2004



BP America Production Company

San Juan Performance Unit
501 Westlake Park Boulevard
Houston, Texas 77079
Room 19.104

Steve Reinert

Land Negotiator

Phone: 281.366.5852

Fax: 281.366.0700

October 5, 2004

New Mexico Oil Conservation Division
Energy and Minerals Department
P. O. Box 2088
Santa Fe, New Mexico 87501

Surface Commingling Application
Moore A Well No. 3A
Section 04, T30N, R08W
San Juan County, New Mexico

Please be advised that the working interest, royalty and overriding royalty interest owners are identical for the Fruitland and Mesaverde formations in the subject well.

A handwritten signature in black ink, appearing to read "Steve Reinert".

Sincerely, Steve Reinert
Land Negotiator

**Moore A 3A
Surface Commingling Application
Blanco Mesaverde & Basin Dakota**

The subject well was dually completed in the Mesaverde and Fruitland Coal in 1975, however, the Fruitland Coal has been shut-in due to the drilling of Moore A #8 in August 1989. At the time of the completion of the Moore A #8 field rules for the Fruitland Coal formation did not allow for two wells on the same 320 acre unit. Field rules have since been amended to allow additional wells in the spacing unit. Prior to going off production the well was producing 21 MCFD from the FC, the zone was subsequently shut in and the well has since produced from the MV only.

The working interest, royalty and overriding royalty interest owners in both the Mesaverde and Fruitland Coal formations are identical.

The proposed surface commingling of production is to reduce operating expenses between the zones, would allow for the restoration of production from the Fruitland Coal and will result in increased economic life of the well.

BP intends to utilize the existing separator, oil tank, water tank, compressor, and sales meter for the combined production. We will add check valves upstream of where the production is combined.

BP further proposed that production be allocated between the zones 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 production. The balance of the production will be attributed to the Fruitland Coal. Attached is the future production decline estimates for the Mesaverde.

BLM has also been notified of this proposal by copy of BLM Form 3160-5.

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 30-045-21862	² Pool Code 72319/71629	³ Pool Name Blanco Mesaverde & Basin Fruitland Coal
⁴ Property Code 000875	⁵ Property Name Moore A	⁶ Well Number 3A
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 6226'

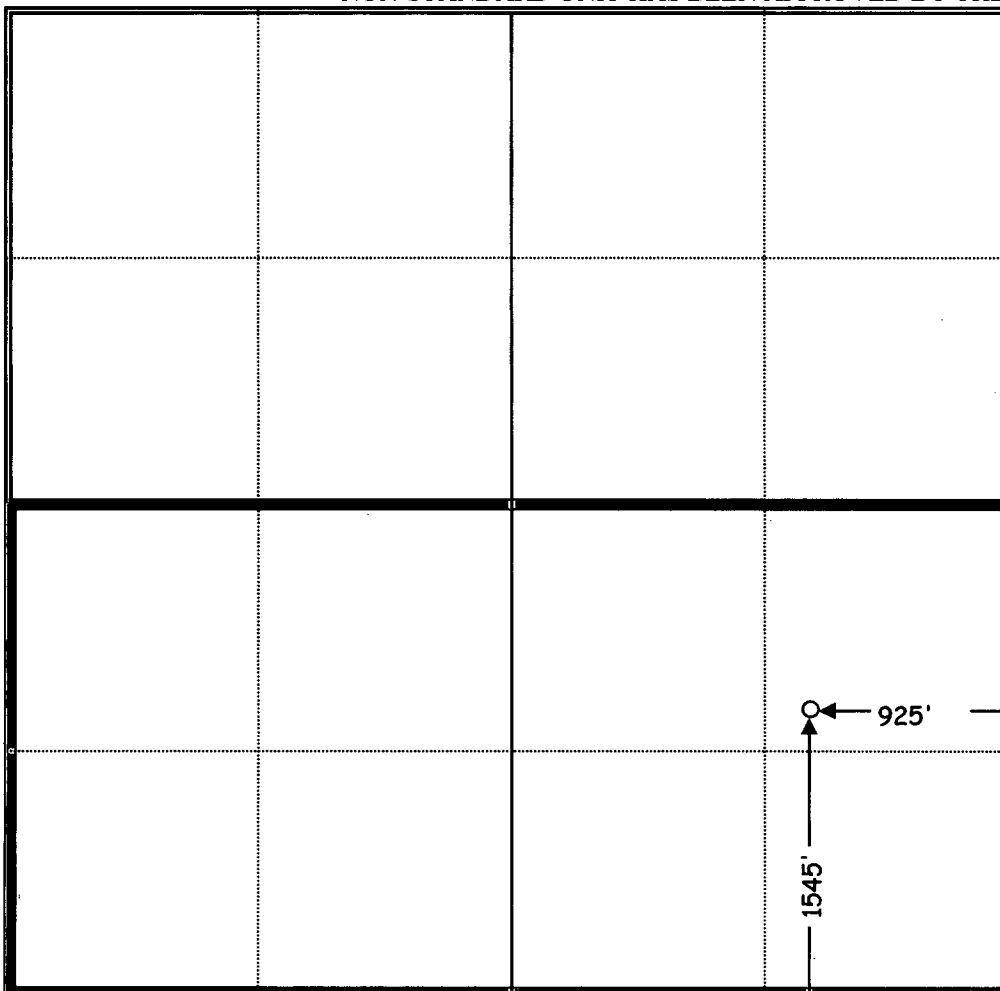
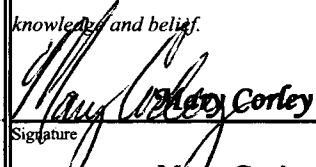
¹⁰ Surface Location

UL or lot no. I	Section 4	Township 30N	Range 08W	Lot Idn	Feet from 1545	North/South South	Feet from 925	East/West 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	North/South	Feet	East/West	County
¹² Dedicated Acres 320	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 09/23/2004 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> 8/17/1975 Date of Survey Signature and Seal of Professional Surveyor: James P Leese 1463 Certificate Number

Moore A 3A

Future Production Decline Estimate

Mesaverde Daily Rates

$$\ln(Q_f/Q_i) = -dt$$

$$Q_f = 193$$

$$Q_i = 197$$

$$\text{rate} = 193$$

$$\text{time} = 7$$

$$dt = -0.02051354$$

$$\text{decline} = -0.565587598$$

Month	Gas Volume
Jan-2003	114
Feb-2003	186
Mar-2003	204
Apr-2003	197
May-2003	174
Jun-2003	184
Jul-2003	145
Aug-2003	198
Sep-2003	166
Oct-2003	193
Nov-2003	170
Dec-2003	182
Jan-2004	172
Feb-2004	174
Mar-2004	173
Apr-2004	166
May-2004	122
Jun-2004	121
Jul-2004	121
Aug-2004	120
Sep-2004	120
Oct-2004	119
Nov-2004	119
Dec-2004	118
Jan-2005	117
Feb-2005	117
Mar-2005	116
Apr-2005	116
May-2005	115
Jun-2005	115
Jul-2005	114
Aug-2005	114
Sep-2005	113
Oct-2005	112
Nov-2005	112
Dec-2005	111

Month	Gas Volume
Jan-2006	111
Feb-2006	110
Mar-2006	110
Apr-2006	109
May-2006	108
Jun-2006	108
Jul-2006	107
Aug-2006	107
Sep-2006	106
Oct-2006	106
Nov-2006	105
Dec-2006	104
Jan-2007	104
Feb-2007	103
Mar-2007	103
Apr-2007	102
May-2007	102
Jun-2007	101
Jul-2007	101
Aug-2007	100
Sep-2007	99
Oct-2007	99
Nov-2007	98
Dec-2007	98
Jan-2008	97
Feb-2008	97
Mar-2008	96
Apr-2008	95
May-2008	95
Jun-2008	94
Jul-2008	94
Aug-2008	94
Sep-2008	93
Oct-2008	93
Nov-2008	92
Dec-2008	91
Jan-2009	91

Month	Gas Volume
Feb-2009	90
Mar-2009	90
Apr-2009	89
May-2009	89
Jun-2009	88
Jul-2009	87
Aug-2009	87
Sep-2009	86
Oct-2009	86
Nov-2009	85
Dec-2009	85
Jan-2010	84
Feb-2010	84
Mar-2010	83
Apr-2010	82
May-2010	82
Jun-2010	81
Jul-2010	81
Aug-2010	80
Sep-2010	80
Oct-2010	79
Nov-2010	78
Dec-2010	78
Jan-2011	77
Feb-2011	77
Mar-2011	76
Apr-2011	76
May-2011	75
Jun-2011	74
Jul-2011	74
Aug-2011	73
Sep-2011	73
Oct-2011	72
Nov-2011	72
Dec-2011	71
Jan-2012	71

Moore A 3A
Future Production Decline Estimate
Mesaverde Daily Rates

Month	Gas Volume
Feb-2012	70
Mar-2012	69
Apr-2012	69
May-2012	68
Jun-2012	68
Jul-2012	67
Aug-2012	67
Sep-2012	66
Oct-2012	65
Nov-2012	65
Dec-2012	64
Jan-2013	64
Feb-2013	63
Mar-2013	63
Apr-2013	62
May-2013	61
Jun-2013	61
Jul-2013	60
Aug-2013	60
Sep-2013	59
Oct-2013	59
Nov-2013	58
Dec-2013	58
Jan-2014	57
Feb-2014	56
Mar-2014	56
Apr-2014	55
May-2014	55
Jun-2014	54
Jul-2014	54
Aug-2014	53
Sep-2014	52
Oct-2014	52
Nov-2014	51
Dec-2014	51
Jan-2015	50

Month	Gas Volume
Feb-2015	50
Mar-2015	49
Apr-2015	48
May-2015	48
Jun-2015	47
Jul-2015	47
Aug-2015	46
Sep-2015	46
Oct-2015	45
Nov-2015	45
Dec-2015	44
Jan-2016	43
Feb-2016	43
Mar-2016	42
Apr-2016	42
May-2016	41
Jun-2016	41
Jul-2016	40
Aug-2016	39
Sep-2016	39
Oct-2016	38
Nov-2016	38
Dec-2016	37
Jan-2017	37
Feb-2017	36
Mar-2017	35
Apr-2017	35
May-2017	34
Jun-2017	34
Jul-2017	33
Aug-2017	33
Sep-2017	32
Oct-2017	32
Nov-2017	31
Dec-2017	30
Jan-2018	30