

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 ☐ Oil Well ☒ Gas Well ☐ Other		5. Lease Serial No. NMNM012200	
2. Name of Operator BP AMERICA PRODUCTION CO		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. DRYDEN LS 3A	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 21 T28N R8W NESE 1790FSL 0950FEL 36.64441 N Lat, 107.67993 W Lon		9. API Well No. 30-045-23770-00-S1	
		10. Field and Pool, or Exploratory BLANCO MESAVERDE 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			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Subsurface Commingling
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 recompletion 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.)

RECOMPLETE IN THE CHACRA

BP America Production Company request permission to ~~convert the subject well from a dual string to a single string~~ and commingle production downhole from Blanco Mesaverde & Otero Chacra Pools 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 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

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations.

DHC 1194A2

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #20941 verified by the BLM Well Information System For BP AMERICA PRODUCTION CO, sent to the Farmington Committed to AFMSS for processing by Matthew Halbert on 05/09/2003 (03MXH0795SE)	
Name (Printed/Typed) MARY CORLEY	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 04/23/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By Original Signed: Stephen Mason	Title	Date 5/12/03
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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ******NMOCD**

Additional data for EC transaction #20941 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.

SJ Basin Well Work Procedure

Dryden LS 003A

Sec 21, T28N, R08W

API# 3004502377000

1. Check anchors. MIRU workover rig.
2. Blow down well. Kill with 2% KCL water ONLY if necessary. ND WH and NU BOP's.
3. TOH with 2-3/8" string set at 4897'.
4. Clean out to PBTD at 4935'.
5. RIH and set CIBP at 3800'.
6. RIH w/ GR log.
7. RIH with 3-1/8" casing guns 2 SPF 120 deg phasing with Schlumberger's Prospector, select-fire charge. Perforate Chacra (correlate to GR log).
8. RU frac equipment. Use 2% KCL-N2 foam in fracture stimulation.
9. Frac Chacra down casing according to pump schedule.
10. Flowback frac fluid immediately.
11. RIH with work string and bit. Drill out CIBP set at 3800'. Continue clean out hole to PBTD at 4935'. Blow well dry with air package at PBTD. POH with work string.
12. Rabbit tubing and RIH with 2-3/8" production tubing (with X-nipple and plug on bottom). Replace any joints that fail the pressure test.
13. Land 2-3/8" production tubing at 4870'.
14. Swab water from tubing with the sandline.
15. RU slickline unit. Run gauge ring for 2-3/8" tubing. Pull plug. RD slickline unit.
16. ND BOP's. NU WH. Test well for air. Return well to production.

Dryden LS 003A

Sec 21, T28N, R8W

API #: 3004523770

GL: 5861'

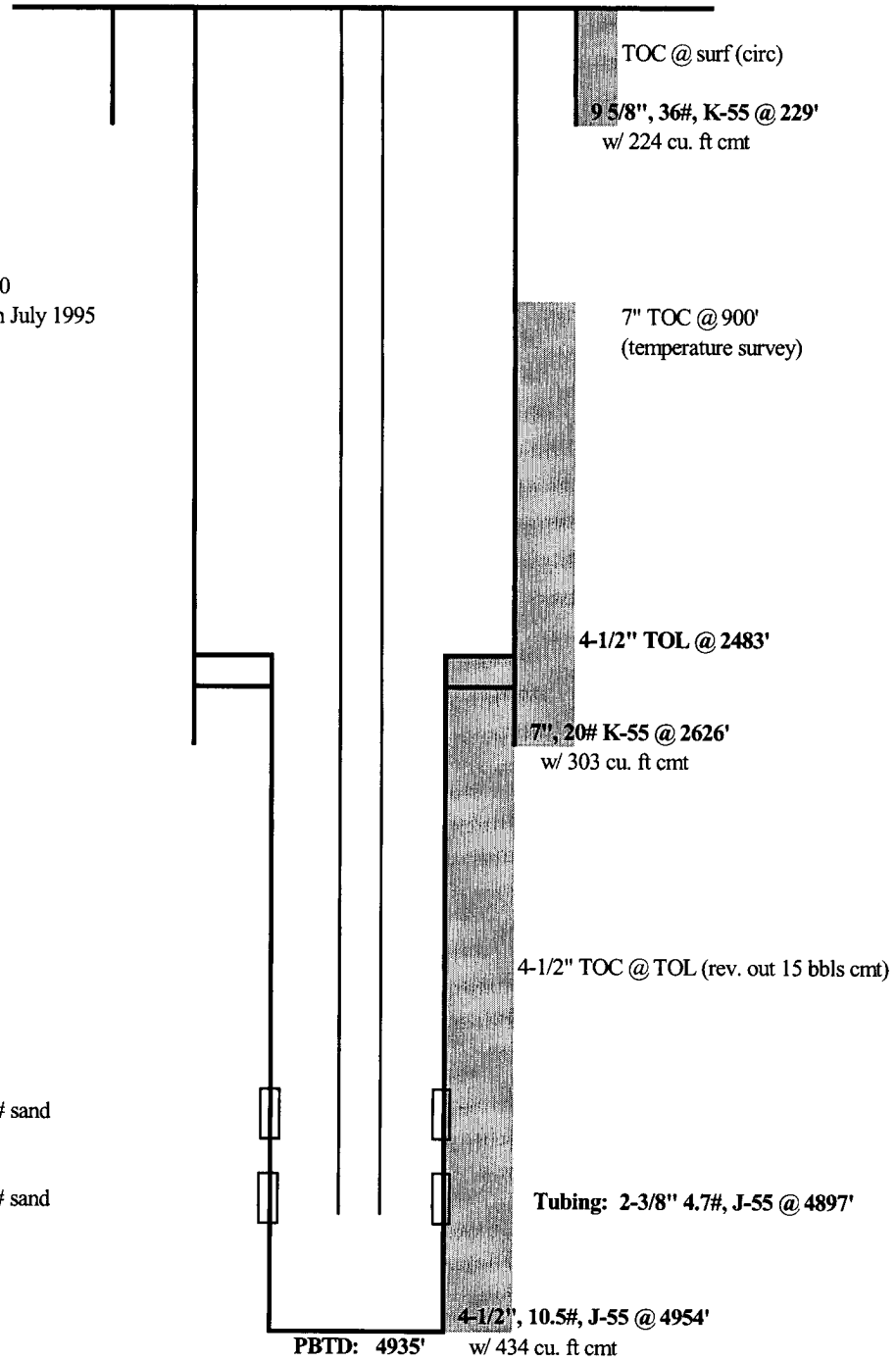
History:

- Drilled and completed in 1980
- Re-perf MV f/ 3914' -4903' in July 1995

MV perforations

3867' - 4470', frac'd w/ 44,500# sand

4531' - 4903', frac'd w/ 71,500# sand



updated: 04/07/03 az

Future Production Decline Estimate Mesaverde (Monthly Factor .0307)

$\ln(Q_f/Q_i) = -dt$
 $Q_i = 113 \text{ MCFD (03/2002)}$
 $Q_f = 100 \text{ MCFD (08/2002)}$
 $t = 5 \text{ months (.041666 yrs)}$
 $d = 0.32 \text{ annual decline}$
 $0.027 \text{ monthly decline (0.32/12)}$

Corrected Volumes
 $100/113 = .8849$
 $.88496 * .41666 = .368726$
 0.030727167

Month	Gas Volume
Jan-2002	100
Feb-2002	102
Mar-2002	113
Apr-2002	111
May-2002	108
Jun-2002	67
Jul-2002	98
Aug-2002	100
Sep-2002	116
Oct-2002	109
Nov-2002	101
Dec-2002	100
Jan-2003	100
Feb-2003	100
Mar-2003	100
Apr-2003	100
May-2003	100
Jun-2003	100
Jul-2003	100
Aug-2003	100
Sep-2003	100
Oct-2003	100
Nov-2003	100
Dec-2003	100
Jan-2004	100
Feb-2004	100
Mar-2004	100
Apr-2004	100
May-2004	99
Jun-2004	99
Jul-2004	99
Aug-2004	99
Sep-2004	99
Oct-2004	99
Nov-2004	99
Dec-2004	99

Month	Gas Volume
Jan-2005	99
Feb-2005	99
Mar-2005	99
Apr-2005	99
May-2005	99
Jun-2005	99
Jul-2005	99
Aug-2005	99
Sep-2005	99
Oct-2005	99
Nov-2005	99
Dec-2005	99
Jan-2006	99
Feb-2006	99
Mar-2006	99
Apr-2006	99
May-2006	98
Jun-2006	98
Jul-2006	98
Aug-2006	98
Sep-2006	98
Oct-2006	98
Nov-2006	98
Dec-2006	98
Jan-2007	98
Feb-2007	98
Mar-2007	98
May-2007	98
Jun-2007	98
Jul-2007	98
Aug-2007	98
Sep-2007	98
Oct-2007	98
Nov-2007	98
Dec-2007	98
Jan-2008	98

Month	Gas Volume
Feb-2008	98
Mar-2008	97
Apr-2008	97
May-2008	97
Jun-2008	96
Jul-2008	96
Aug-2008	96
Sep-2008	95
Oct-2008	95
Nov-2008	95
Dec-2008	94
Jan-2009	94
Feb-2009	94
Mar-2009	93
Apr-2009	93
May-2009	93
Jun-2009	92
Jul-2009	92
Aug-2009	92
Sep-2009	91
Oct-2009	91
Nov-2009	91
Dec-2009	90
Jan-2010	90
Feb-2010	90
Mar-2010	89
Apr-2010	89
May-2010	89
Jun-2010	89
Jul-2010	88
Aug-2010	88
Sep-2010	88
Oct-2010	87
Nov-2010	87
Dec-2010	87
Jan-2011	86

**Future Production Decline Estimate Mesaverde
(Monthly Factor .0307)**

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

Month	Gas Volume
Feb-2014	76
Mar-2014	76
Apr-2014	76
May-2014	75
Jun-2014	75
Jul-2014	75
Aug-2014	75
Sep-2014	75
Oct-2014	74
Nov-2014	74
Dec-2014	74
Jan-2015	74
Feb-2015	73
Mar-2015	73
Apr-2015	73
May-2015	73
Jun-2015	73
Jul-2015	72
Aug-2015	72
Sep-2015	72
Oct-2015	72
Nov-2015	71
Dec-2015	71
Jan-2016	71
Feb-2016	71
Mar-2016	71
Apr-2016	70
May-2016	70
Jun-2016	70
Jul-2016	70
Aug-2016	70
Sep-2016	69
Oct-2016	69
Nov-2016	69
Dec-2016	69
Jan-2017	68

Month	Gas Volume
Feb-2017	68
Mar-2017	68
Apr-2017	68
May-2017	68
Jun-2017	67
Jul-2017	67
Aug-2017	67
Sep-2017	67
Oct-2017	67
Nov-2017	66
Dec-2017	66
Jan-2018	66
Feb-2018	66
Mar-2018	66
Apr-2018	65
May-2018	65
Jun-2018	65
Jul-2018	65
Aug-2018	65
Sep-2018	65
Oct-2018	64
Nov-2018	64
Dec-2018	64
Jan-2019	64
Feb-2019	64
Mar-2019	63
Apr-2019	63
May-2019	63
Jun-2019	63
Jul-2019	63
Aug-2019	62
Sep-2019	62
Oct-2019	62
Nov-2019	62
Dec-2019	62
Jan-2020	61

Month	Gas Volume
Feb-2020	61
Mar-2020	61
Apr-2020	61
May-2020	60
Jun-2020	60
Jul-2020	60
Aug-2020	59
Sep-2020	59
Oct-2020	59
Nov-2020	58
Dec-2020	58
Jan-2021	58
Feb-2021	58
Mar-2021	57
Apr-2021	57
May-2021	57
Jun-2021	56
Jul-2021	56
Aug-2021	56
Sep-2021	56
Oct-2021	55
Nov-2021	55
Dec-2021	55
Jan-2022	55
Feb-2022	54
Mar-2022	54
Apr-2022	54
May-2022	53
Jun-2022	53
Jul-2022	53
Aug-2022	53
Sep-2022	52
Oct-2022	52
Nov-2022	52
Dec-2022	52
Jan-2023	51

**Future Production Decline Estimate Mesaverde
(Monthly Factor .0307)**

Month	Gas Volume
Feb-2023	51
Mar-2023	51
Apr-2023	51
May-2023	50
Jun-2023	50
Jul-2023	50
Aug-2023	50
Sep-2023	49
Oct-2023	49
Nov-2023	49
Dec-2023	49
Jan-2024	48
Feb-2024	48
Mar-2024	48
Apr-2024	48
May-2024	47
Jun-2024	47
Jul-2024	47
Aug-2024	47
Sep-2024	46
Oct-2024	46
Nov-2024	46
Dec-2024	46
Jan-2025	46
Feb-2025	45
Mar-2025	45
Apr-2025	45
May-2025	45
Jun-2025	44
Jul-2025	44
Aug-2025	44
Sep-2025	44
Oct-2025	44
Nov-2025	43
Dec-2025	43
Jan-2026	43

Month	Gas Volume
Feb-2026	43
Mar-2026	42
Apr-2026	42
May-2026	42
Jun-2026	42
Jul-2026	42
Aug-2026	41
Sep-2026	41
Oct-2026	41
Nov-2026	41
Dec-2026	41
Jan-2027	40
Feb-2027	40
Mar-2027	40
Apr-2027	40
May-2027	40
Jun-2027	39
Jul-2027	39
Aug-2027	39
Sep-2027	39
Oct-2027	39
Nov-2027	38
Dec-2027	38
Jan-2028	38
Feb-2028	38
Mar-2028	38
Apr-2028	37
May-2028	37
Jun-2028	37
Jul-2028	37
Aug-2028	37
Sep-2028	37
Oct-2028	36
Nov-2028	36
Dec-2028	36
Jan-2029	36

Month	Gas Volume
Feb-2029	36
Mar-2029	35
Apr-2029	35
May-2029	35
Jun-2029	35
Jul-2029	35
Aug-2029	35
Sep-2029	34
Oct-2029	34
Nov-2029	34
Dec-2029	34
Jan-2030	34
Feb-2030	34
Mar-2030	33
Apr-2030	33
May-2030	33
Jun-2030	33
Jul-2030	33
Aug-2030	33
Sep-2030	32
Oct-2030	32
Nov-2030	32
Dec-2030	32
Jan-2031	32
Feb-2031	32
Mar-2031	31
Apr-2031	31
May-2031	31
Jun-2031	31
Jul-2031	31
Aug-2031	31
Sep-2031	30
Oct-2031	30
Nov-2031	30
Dec-2031	30
Jan-2032	30

Month	Gas Volume
Feb-2032	30
Mar-2032	29
Apr-2032	29
May-2032	29
Jun-2032	29
Jul-2032	29
Aug-2032	29
Sep-2032	29
Oct-2032	28
Nov-2032	28
Dec-2032	28
Jan-2033	28
Feb-2033	28
Mar-2033	28
Apr-2033	28
May-2033	27
Jun-2033	27
Jul-2033	27
Aug-2033	27
Sep-2033	27
Oct-2033	27
Nov-2033	27
Dec-2033	27
Jan-2034	26
Feb-2034	26
Mar-2034	26
Apr-2034	26
May-2034	26
Jun-2034	26
Jul-2034	26
Aug-2034	25
Sep-2034	25
Oct-2034	25
Nov-2034	25
Dec-2034	25
Jan-2035	25

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

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-23772	² Pool Code 82329	³ Pool Name Otero Chacra
⁴ Property Code 000432	⁵ Property Name Dryden LS	⁶ Well Number 3A
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 5861' GR

¹⁰ Surface Location

UL or lot no. Unit I	Section 21	Township 28N	Range 09W	Lot Idn	Feet from 1790	North/South South	Feet from 950	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
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¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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 hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Mary Corley</i> Signature Mary Corley Printed Name Sr. Regulatory Analyst Title 04/29/2003 Date
				¹⁸ 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. 6/28/79 Date of Survey Signature and Seal of Professional Surveyor: Fred B Kerr 3950 Certificate Number