

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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. NMSF078499
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. TAPP LS 1A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T28N R8W NENW 0790FNL 1560FWL 36.65187 N Lat, 107.67137 W Lon		9. API Well No. 30-045-23700-00-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 Subsurface Commingling
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ 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.)

BP America Production Company request permission to **RECOMPLETE IN CHACRA** convert the subject well from a ~~single string~~ to a commingled 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 of the commingled well. The balance of the production will

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

DHC 1192AZ

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #20943 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 05/01/2003 (03MXH0762SE)

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

Title

Date

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.

Additional data for EC transaction #20943 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

Tapp LS 1A
Sec 22, T28N, R08W
API# 3004523700

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 5408'.
4. Clean out to PBTD at 5486'.
5. RIH and set CIBP at 4300'.
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 4300'. Continue clean out hole to PBTD at 5486'. 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 5400'.
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.

Tapp LS 1 A

Sec 22, T28N, R8W

API#: 3004523700

GL: 5943'

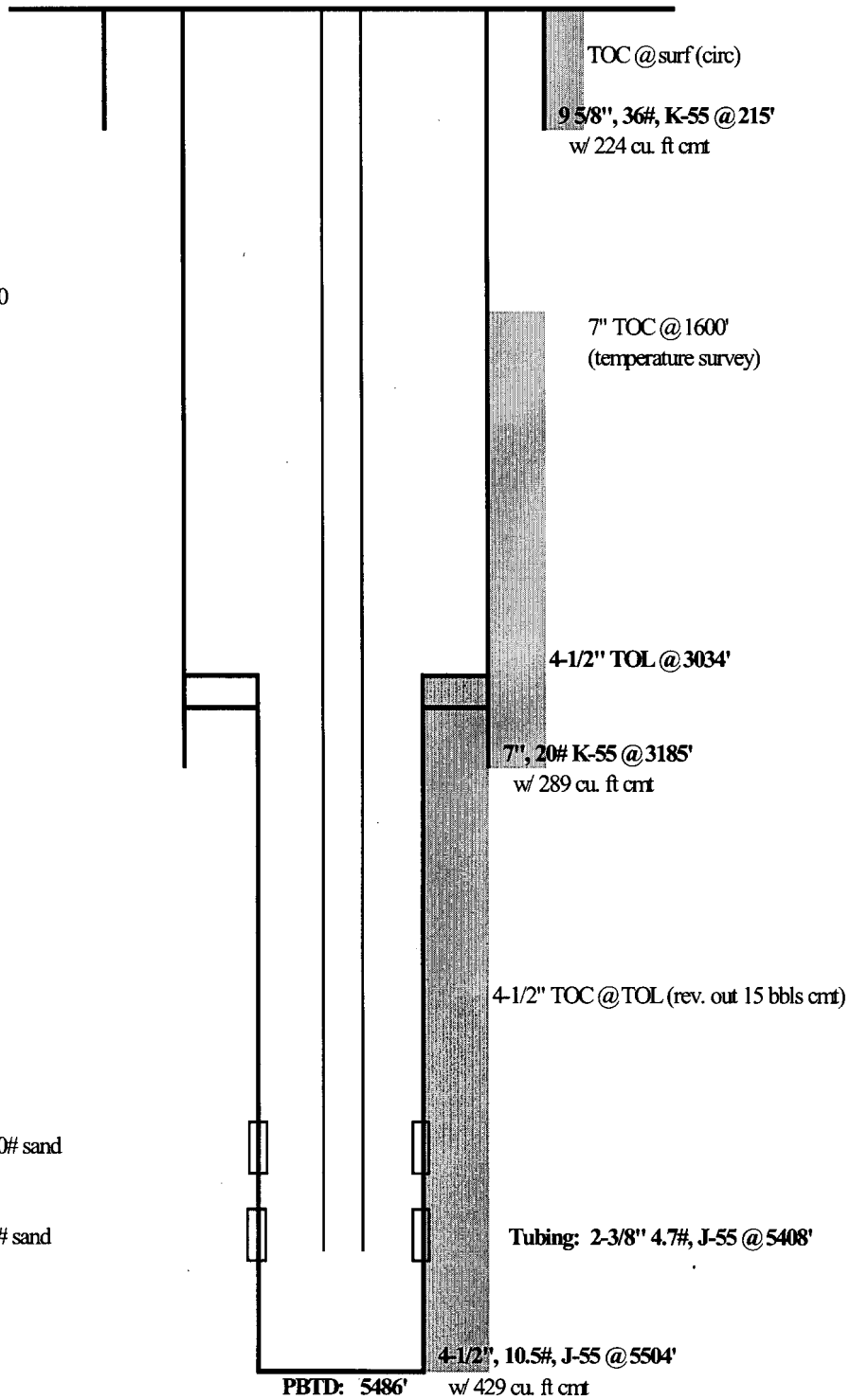
History:

- Drilled and completed in 1980

MV perforations

4412' - 4490', frac'd w/ 102,500# sand

5073' - 5430', frac'd w/ 70,000# sand



updated: 04/07/03 az

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 30-045-26559	² Pool Code 82329	³ Pool Name Otero Chacra
⁴ Property Code 001161	⁵ Property Name Tapp LS	⁶ Well Number 1A
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 6381' GR

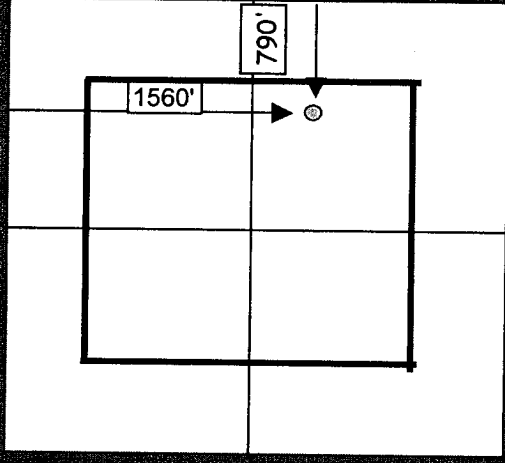
¹⁰ Surface Location

UL or lot no. Unit C	Section 22	Township 28N	Range 08W	Lot Idn	Feet from 790	North/South North	Feet from 1560	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 hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Mary Corley Signature Mary Corley Printed Name Sr. Regulatory Analyst Title 05/05/2003 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. 7/26/79 Date of Survey Signature and Seal of Professional Surveyor: Fred B Kerr 3950 Certificate Number

Tapp LS 1A

Future Production Decline Estimate Mesaverde

(Monthly Factor .00307)

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

$$Q_i = 124 \text{ MCFD (05/2002)}$$

$$Q_f = 114 \text{ MCFD (10/2002)}$$

$$t = 5 \text{ months (.041666 yrs)}$$

$$d = 0.32 \text{ annual decline}$$

$$0.027 \text{ monthly decline (0.32/12)}$$

Corrected Volumes

$$114/124 = .91935$$

$$.91935 * .41666 = .03831$$

$$0.0031925$$

Month	Gas Volume
Jan-2002	108
Feb-2002	125
Mar-2002	118
Apr-2002	123
May-2002	124
Jun-2002	121
Jul-2002	132
Aug-2002	174
Sep-2002	124
Oct-2002	114
Nov-2002	124
Dec-2002	123
Jan-2003	123
Feb-2003	123
Mar-2003	123
Apr-2003	123
May-2003	123
Jun-2003	123
Jul-2003	123
Aug-2003	123
Sep-2003	123
Oct-2003	123
Nov-2003	123
Dec-2003	123
Jan-2004	123
Feb-2004	122
Mar-2004	122
Apr-2004	122
May-2004	122
Jun-2004	122
Jul-2004	122
Aug-2004	122
Sep-2004	122
Oct-2004	122
Nov-2004	122
Dec-2004	122

Month	Gas Volume
Jan-2005	122
Feb-2005	122
Mar-2005	122
Apr-2005	122
May-2005	122
Jun-2005	122
Jul-2005	121
Aug-2005	121
Sep-2005	121
Oct-2005	121
Nov-2005	121
Dec-2005	121
Jan-2006	121
Feb-2006	121
Mar-2006	121
Apr-2006	121
May-2006	121
Jun-2006	121
Jul-2006	121
Aug-2006	121
Sep-2006	121
Oct-2006	121
Nov-2006	121
Dec-2006	121
Jan-2007	121
Feb-2007	121
Mar-2007	121
May-2007	121
Jun-2007	121
Jul-2007	121
Aug-2007	121
Sep-2007	121
Oct-2007	121
Nov-2007	120
Dec-2007	120
Jan-2008	120

Month	Gas Volume
Feb-2008	120
Mar-2008	120
Apr-2008	119
May-2008	119
Jun-2008	118
Jul-2008	118
Aug-2008	118
Sep-2008	117
Oct-2008	117
Nov-2008	116
Dec-2008	116
Jan-2009	116
Feb-2009	115
Mar-2009	115
Apr-2009	114
May-2009	114
Jun-2009	114
Jul-2009	113
Aug-2009	113
Sep-2009	112
Oct-2009	112
Nov-2009	112
Dec-2009	111
Jan-2010	111
Feb-2010	110
Mar-2010	110
Apr-2010	110
May-2010	109
Jun-2010	109
Jul-2010	109
Aug-2010	108
Sep-2010	108
Oct-2010	107
Nov-2010	107
Dec-2010	107
Jan-2011	106

Tapp LS 1A

4/23/2003

Future Production Decline Estimate Mesaverde (Monthly Factor .00307)

Month	Gas Volume
Feb-2011	106
Mar-2011	106
Apr-2011	105
May-2011	105
Jun-2011	104
Jul-2011	104
Aug-2011	104
Sep-2011	103
Oct-2011	103
Nov-2011	103
Dec-2011	102
Jan-2012	102
Feb-2012	102
Mar-2012	101
Apr-2012	101
May-2012	101
Jun-2012	100
Jul-2012	100
Aug-2012	100
Sep-2012	99
Oct-2012	99
Nov-2012	99
Dec-2012	98
Jan-2013	98
Feb-2013	98
Mar-2013	97
Apr-2013	97
May-2013	97
Jun-2013	96
Jul-2013	96
Aug-2013	96
Sep-2013	95
Oct-2013	95
Nov-2013	95
Dec-2013	94
Jan-2014	94

Month	Gas Volume
Feb-2014	94
Mar-2014	93
Apr-2014	93
May-2014	93
Jun-2014	92
Jul-2014	92
Aug-2014	92
Sep-2014	92
Oct-2014	91
Nov-2014	91
Dec-2014	91
Jan-2015	91
Feb-2015	90
Mar-2015	90
Apr-2015	90
May-2015	89
Jun-2015	89
Jul-2015	89
Aug-2015	89
Sep-2015	88
Oct-2015	88
Nov-2015	88
Dec-2015	88
Jan-2016	87
Feb-2016	87
Mar-2016	87
Apr-2016	87
May-2016	86
Jun-2016	86
Jul-2016	86
Aug-2016	86
Sep-2016	85
Oct-2016	85
Nov-2016	85
Dec-2016	85
Jan-2017	84

Month	Gas Volume
Feb-2017	84
Mar-2017	84
Apr-2017	83
May-2017	83
Jun-2017	83
Jul-2017	83
Aug-2017	82
Sep-2017	82
Oct-2017	82
Nov-2017	82
Dec-2017	82
Jan-2018	81
Feb-2018	81
Mar-2018	81
Apr-2018	81
May-2018	80
Jun-2018	80
Jul-2018	80
Aug-2018	80
Sep-2018	79
Oct-2018	79
Nov-2018	79
Dec-2018	79
Jan-2019	78
Feb-2019	78
Mar-2019	78
Apr-2019	78
May-2019	77
Jun-2019	77
Jul-2019	77
Aug-2019	77
Sep-2019	77
Oct-2019	76
Nov-2019	76
Dec-2019	76
Jan-2020	76

Month	Gas Volume
Feb-2020	75
Mar-2020	75
Apr-2020	74
May-2020	74
Jun-2020	74
Jul-2020	73
Aug-2020	73
Sep-2020	73
Oct-2020	72
Nov-2020	72
Dec-2020	72
Jan-2021	71
Feb-2021	71
Mar-2021	70
Apr-2021	70
May-2021	70
Jun-2021	69
Jul-2021	69
Aug-2021	69
Sep-2021	68
Oct-2021	68
Nov-2021	68
Dec-2021	67
Jan-2022	67
Feb-2022	67
Mar-2022	66
Apr-2022	66
May-2022	66
Jun-2022	65
Jul-2022	65
Aug-2022	65
Sep-2022	64
Oct-2022	64
Nov-2022	64
Dec-2022	63
Jan-2023	63

Tapp LS 1A

Future Production Decline Estimate Mesaverde (Monthly Factor .00307)

4/23/2003

Month	Gas Volume
Feb-2023	63
Mar-2023	63
Apr-2023	62
May-2023	62
Jun-2023	62
Jul-2023	61
Aug-2023	61
Sep-2023	61
Oct-2023	60
Nov-2023	60
Dec-2023	60
Jan-2024	59
Feb-2024	59
Mar-2024	59
Apr-2024	59
May-2024	58
Jun-2024	58
Jul-2024	58
Aug-2024	57
Sep-2024	57
Oct-2024	57
Nov-2024	57
Dec-2024	56
Jan-2025	56
Feb-2025	56
Mar-2025	55
Apr-2025	55
May-2025	55
Jun-2025	55
Jul-2025	54
Aug-2025	54
Sep-2025	54
Oct-2025	54
Nov-2025	53
Dec-2025	53
Jan-2026	53

Month	Gas Volume
Feb-2026	52
Mar-2026	52
Apr-2026	52
May-2026	52
Jun-2026	51
Jul-2026	51
Aug-2026	51
Sep-2026	51
Oct-2026	50
Nov-2026	50
Dec-2026	50
Jan-2027	50
Feb-2027	49
Mar-2027	49
Apr-2027	49
May-2027	49
Jun-2027	48
Jul-2027	48
Aug-2027	48
Sep-2027	48
Oct-2027	47
Nov-2027	47
Dec-2027	47
Jan-2028	47
Feb-2028	46
Mar-2028	46
Apr-2028	46
May-2028	46
Jun-2028	46
Jul-2028	45
Aug-2028	45
Sep-2028	45
Oct-2028	45
Nov-2028	44
Dec-2028	44
Jan-2029	44

Month	Gas Volume
Feb-2029	44
Mar-2029	44
Apr-2029	43
May-2029	43
Jun-2029	43
Jul-2029	43
Aug-2029	42
Sep-2029	42
Oct-2029	42
Nov-2029	42
Dec-2029	42
Jan-2030	41
Feb-2030	41
Mar-2030	41
Apr-2030	41
May-2030	41
Jun-2030	40
Jul-2030	40
Aug-2030	40
Sep-2030	40
Oct-2030	40
Nov-2030	39
Dec-2030	39
Jan-2031	39
Feb-2031	39
Mar-2031	39
Apr-2031	38
May-2031	38
Jun-2031	38
Jul-2031	38
Aug-2031	38
Sep-2031	37
Oct-2031	37
Nov-2031	37
Dec-2031	37
Jan-2032	37

Month	Gas Volume
Feb-2032	37
Mar-2032	36
Apr-2032	36
May-2032	36
Jun-2032	36
Jul-2032	36
Aug-2032	35
Sep-2032	35
Oct-2032	35
Nov-2032	35
Dec-2032	35
Jan-2033	34
Feb-2033	34
Mar-2033	34
Apr-2033	34
May-2033	34
Jun-2033	34
Jul-2033	33
Aug-2033	33
Sep-2033	33
Oct-2033	33
Nov-2033	33
Dec-2033	33
Jan-2034	32
Feb-2034	32
Mar-2034	32
Apr-2034	32
May-2034	32
Jun-2034	31
Jul-2034	31
Aug-2034	31
Sep-2034	31
Oct-2034	31
Nov-2034	31
Dec-2034	31
Jan-2035	31