

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

5. Lease Serial No.
NMSF - 078499

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
TAPP 4

9. API Well No.
30-045-23967

10. Field and Pool, or Exploratory
BASIN DAKOTA/BLANCO MESAVI

11. County or Parish, and State
SAN JUAN COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
AMOCO PRODUCTION COMPANY

Contact: MARY CORLEY
E-Mail: corleym@bp.com

3a. Address
P.O. BOX 3092
HOUSTON, TX 77253

3b. Phone No. (include area code)
Ph: 281.366.4491
Fx: 281.366.0700

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 15 T28N R8W SWSW 1045FSL 790FWL

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 Commi
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	ng

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 recompleat 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 recompleat 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.)

Amoco Production Company request permission to complete the subject well into the Blanco Mesaverde and commingle production downhole with the existing Basin Dakota Pool as per the attached procedure.

The Basin Dakota (71599) & the Blanco Mesaverde (72319) Pools are Pre-Approved for Downhole Commingling per NMOCD Order R - 11363.

The working interest in the proposed commingled pools are identical, however, the royalty interest owners are not and are being notified of this application by certified mail (return receipt).

Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Dakota. That production shall serve as a base for production

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

Electronic Submission #10008 verified by the BLM Well Information System
For AMOCO PRODUCTION COMPANY, sent to the Farmington

Name (Printed/Typed) MARY CORLEY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 01/09/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date 1/16/02

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.

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Additional data for EC transaction #10008 that would not fit on the form

32. Additional remarks, continued

subtracted from the total production for the commingled well. The balance of the production will be attributed to the Blanco Mesaverde. Attached is the future production decline estimates for the Dakota.

Commingling Production Downhole in the subject well from the proposed pools with not reduce the value of the total remaining production.

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 30-045-23967	² Pool Code 72319	³ Pool Name Blanco Mesaverde
⁴ Property Code 001159	⁵ Property Name Tapp	⁶ Well Number 4
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company (formerly Amoco)	⁹ Elevation 5870'

¹⁰ Surface Location

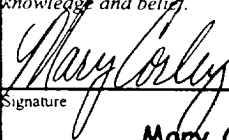
UL or lot no. Unit M	Section 15	Township 28N	Range 08W	Lot Idn	Feet from 1045'	North/South South	Feet from 790'	East/West West	County San Juan
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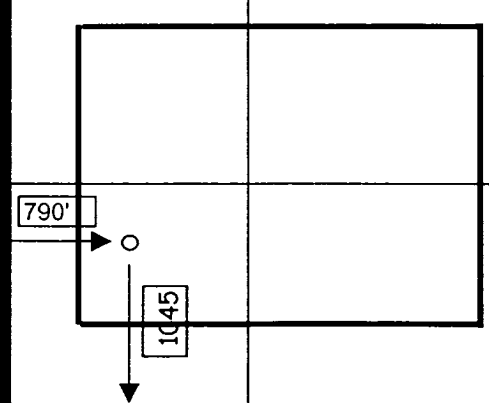
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from	North/South	Feet	East/West	County
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¹² Dedicated Acres 320	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>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 01/09/02 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> 8/28/1979 Date of Survey Signature and Seal of Professional Surveyor: Fred B Kerr Jr. 7016 Certificate Number



Tapp #4 Recompletion Procedure

Procedure:

1. Check anchors. MIRU workover rig.
2. Check and record tubing, casing, and bradenhead pressures.
3. Blow down well. Kill with 2% KCL water ONLY if necessary.
4. Nipple down WH. NU BOPs.

Tag for fill and tally OH with 2-3/8" production tubing currently set at 6619'.
5. TIH with bit and scraper for 4-1/2" casing to 5100'.
6. TIH with tubing-set CIBP. Set CIBP at 5100'.
7. RU WL. Run CBL over MV interval (3800' - 5100') to ensure zonal isolation across the MV.
8. Pressure test casing to 2500 psi
9. RIH with 3-1/8" casing guns. Perforate Point Lookout formation.

4545', 4558', 4565', 4580', 4590', 4608', 4622', 4672', 4708', 4750', 4769', 4794', 4805',
4823', 4854', 4885', 4909', 4953'
10. RU frac equipment and install wellhead isolation tool.
11. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
12. Immediately after frac job, RU WL unit and lubricator.
13. RIH and set CIBP between Point Lookout and Menefee at 4460'.
14. RIH with 3-1/8" casing guns. Perforate Menefee formation.

4282', 4290', 4295', 4325', 4330', 4332', 4355', 4357', 4389', 4392', 4435', 4440'
15. RU frac equipment and install wellhead isolation tool.
16. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.

17. Immediately after frac job, RU WL unit and lubricator.
18. RIH and set CIBP between Cliffhouse and Menefee at 4100'.
19. RIH with 3-1/8" casing guns. Perforate Cliffhouse formation.
3905', 3915', 3928', 3961', 3969', 3985', 3990', 4015', 4020', 4030', 4055', 4057'
20. RU frac equipment and install wellhead isolation tool.
21. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
22. Flowback frac immediately.
23. TIH with tubing and bit. Cleanout fill and drill bridge plugs set at 4100', 4460', and 5100'. Cleanout fill to PBTD at 6856'. Blow well dry at PBTD.
24. Rabbit tubing and RIH with 2-3/8" production tubing.
25. Land 2-3/8" production tubing at 6600'.
26. ND BOP's. NU WH. Return well to production and downhole commingle MV and DK production.

Tapp #4

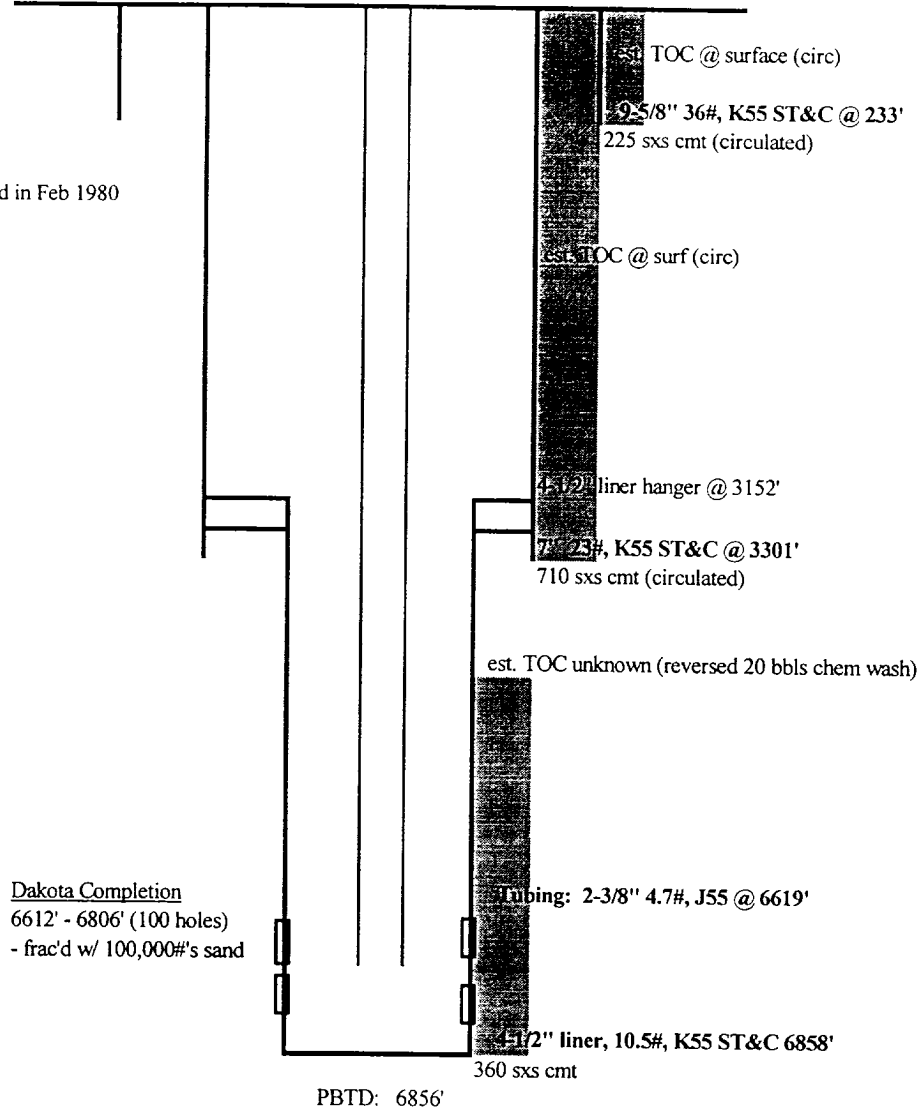
Sec 15, T28N R8W

API: 30-045-23967

GL: 5870'

History:

Completed in Feb 1980



Notes:

- 1) No cement was circulated off the 4-1/2" liner top.
- 2) Procedure dated 1996 written to lower tbg. No records that work was performed

updated: 1/7/02 jad

Tapp 4

Future Production Decline Estimate Dakota

(Monthly Factor .277%)

$\ln(Q_i/Q_1) = -dt$
 $Q_i = 45 \text{ MCFD (05/2001)}$
 $Q_1 = 36 \text{ MCFD (11/2001)}$
 $t = 5 \text{ months (.041666 yrs)}$
 $d = 0.32 \text{ annual decline}$
 $0.027 \text{ monthly decline (0.32/12)}$

Corrected Volumes
 $36/45 = .80000$
 $.80 * .41666 = .33333$
 0.0277775

Month	Gas Volume
Jan-2001	37
Feb-2001	30
Mar-2001	18
Apr-2001	16
May-2001	45
Jun-2001	24
Jul-2001	47
Aug-2001	59
Sep-2001	60
Oct-2001	29
Nov-2001	36
Dec-2001	31
Jan-2002	31
Feb-2002	31
Mar-2002	31
Apr-2002	31
May-2002	31
Jun-2002	31
Jul-2002	31
Aug-2002	31
Sep-2002	31
Oct-2002	31
Nov-2002	31
Dec-2002	31
Jan-2003	31
Feb-2003	31
Mar-2003	31
Apr-2003	31
May-2003	31
Jun-2003	31
Jul-2003	31
Aug-2003	31
Sep-2003	31
Oct-2003	31
Nov-2003	31
Dec-2003	30

Month	Gas Volume
Jan-2004	29
Feb-2004	28
Mar-2004	28
Apr-2004	27
May-2004	26
Jun-2004	25
Jul-2004	25
Aug-2004	24
Sep-2004	23
Oct-2004	23
Nov-2004	22
Dec-2004	22
Jan-2005	21
Feb-2005	20
Mar-2005	20
Apr-2005	19
May-2005	19
Jun-2005	18
Jul-2005	18
Aug-2005	17
Sep-2005	17
Oct-2005	16
Nov-2005	16
Dec-2005	16
Jan-2006	15
Feb-2006	15
Mar-2006	14
Apr-2006	14
May-2006	14
Jun-2006	13
Jul-2006	13
Aug-2006	13
Sep-2006	12
Oct-2006	12
Nov-2006	12
Dec-2006	11

Month	Gas Volume
Jan-2007	11
Feb-2007	11
Mar-2007	11
Apr-2007	11
May-2007	11
Jun-2007	11
Jul-2007	11
Aug-2007	11
Sep-2007	11
Oct-2007	11
Nov-2007	11
Dec-2007	11
Jan-2008	11
Feb-2008	11
Mar-2008	11
Apr-2008	11
May-2008	11
Jun-2008	11
Jul-2008	11
Aug-2008	11
Sep-2008	10
Oct-2008	10
Nov-2008	10
Dec-2008	10
Jan-2009	10
Feb-2009	10
Mar-2009	10
Apr-2009	10
May-2009	10
Jun-2009	10
Jul-2009	10
Aug-2009	10
Sep-2009	10
Oct-2009	10
Nov-2009	10
Dec-2009	10

Future Production Decline Estimate Dakota (Monthly Factor .277%)

Month	Gas Volume
Jan-2010	10
Feb-2010	10
Mar-2010	10
Apr-2010	10
May-2010	10
Jun-2010	10
Jul-2010	10
Aug-2010	10
Sep-2010	10
Oct-2010	10
Nov-2010	10
Dec-2010	10
Jan-2011	10
Feb-2011	9
Mar-2011	9
Apr-2011	9
May-2011	9
Jun-2011	9
Jul-2011	9
Aug-2011	9
Sep-2011	9
Oct-2011	9
Nov-2011	9
Dec-2011	9
Jan-2012	9
Feb-2012	9
Mar-2012	9
Apr-2012	9
May-2012	9
Jun-2012	9
Jul-2012	9
Aug-2012	9
Sep-2012	9
Oct-2012	9
Nov-2012	9
Dec-2012	9

Month	Gas Volume
Jan-2013	9
Feb-2013	9
Mar-2013	9
Apr-2013	9
May-2013	9
Jun-2013	9
Jul-2013	9
Aug-2013	9
Sep-2013	9
Oct-2013	9
Nov-2013	9
Dec-2013	8
Jan-2014	8
Feb-2014	8
Mar-2014	8
Apr-2014	8
May-2014	8
Jun-2014	8
Jul-2014	8
Aug-2014	8
Sep-2014	8
Oct-2014	8
Nov-2014	8
Dec-2014	8
Jan-2015	8
Feb-2015	8
Mar-2015	8
Apr-2015	8
May-2015	8
Jun-2015	8
Jul-2015	8
Aug-2015	8
Sep-2015	8
Oct-2015	8
Nov-2015	8
Dec-2015	8

Month	Gas Volume
Jan-2016	8
Feb-2016	8
Mar-2016	8
Apr-2016	8
May-2016	8
Jun-2016	8
Jul-2016	8
Aug-2016	8
Sep-2016	8
Oct-2016	8
Nov-2016	8
Dec-2016	8
Jan-2017	8
Feb-2017	8
Mar-2017	8
Apr-2017	8
May-2017	8
Jun-2017	7
Jul-2017	7
Aug-2017	7
Sep-2017	7
Oct-2017	7
Nov-2017	7
Dec-2017	7
Jan-2018	7
Feb-2018	7
Mar-2018	7
Apr-2018	7
May-2018	7
Jun-2018	7
Jul-2018	7
Aug-2018	7
Sep-2018	7
Oct-2018	7
Nov-2018	7
Dec-2018	7

Month	Gas Volume
Jan-2019	7
Feb-2019	7
Mar-2019	7
Apr-2019	7
May-2019	7
Jun-2019	7
Jul-2019	7
Aug-2019	7
Sep-2019	7
Oct-2019	7
Nov-2019	7
Dec-2019	7
Jan-2020	7
Feb-2020	7
Mar-2020	7
Apr-2020	7
May-2020	7
Jun-2020	6
Jul-2020	6
Aug-2020	6
Sep-2020	6
Oct-2020	6
Nov-2020	6
Dec-2020	6
Jan-2021	6
Feb-2021	6
Mar-2021	6
Apr-2021	6
May-2021	6
Jun-2021	6
Jul-2021	6
Aug-2021	6
Sep-2021	6
Oct-2021	6
Nov-2021	6
Dec-2021	6

Tapp 4

Future Production Decline Estimate Dakota
(Monthly Factor .277%)

Month	Gas Volume
Jan-2022	6
Feb-2022	6
Mar-2022	6
Apr-2022	6
May-2022	6
Jun-2022	6
Jul-2022	6
Aug-2022	6
Sep-2022	6
Oct-2022	6
Nov-2022	6
Dec-2022	6
Jan-2023	6
Feb-2023	6
Mar-2023	5
Apr-2023	5
May-2023	5
Jun-2023	5
Jul-2023	5
Aug-2023	5
Sep-2023	5
Oct-2023	5
Nov-2023	5
Dec-2023	5
Jan-2024	5
Feb-2024	5
Mar-2024	5
Apr-2024	5
May-2024	5
Jun-2024	5
Jul-2024	5
Aug-2024	5
Sep-2024	5
Oct-2024	5
Nov-2024	5
Dec-2024	5

Month	Gas Volume
Jan-2025	5
Feb-2025	5
Mar-2025	5
Apr-2025	5
May-2025	5
Jun-2025	5
Jul-2025	5
Aug-2025	5
Sep-2025	5
Oct-2025	5
Nov-2025	5
Dec-2025	5
Jan-2026	5
Feb-2026	5
Mar-2026	5
Apr-2026	5
May-2026	5
Jun-2026	5
Jul-2026	4
Aug-2026	4
Sep-2026	4
Oct-2026	4
Nov-2026	4
Dec-2026	4
Jan-2027	4
Feb-2027	4
Mar-2027	4
Apr-2027	4
May-2027	4
Jun-2027	4
Jul-2027	4
Aug-2027	4
Sep-2027	4
Oct-2027	4
Nov-2027	4
Dec-2027	4

Month	Gas Volume
Jan-2028	4
Feb-2028	4
Mar-2028	4
Apr-2028	4
May-2028	4
Jun-2028	4
Jul-2028	4
Aug-2028	4
Sep-2028	4
Oct-2028	4
Nov-2028	4
Dec-2028	4
Jan-2029	4
Feb-2029	4
Mar-2029	4
Apr-2029	4
May-2029	4
Jun-2029	4
Jul-2029	4
Aug-2029	4
Sep-2029	4
Oct-2029	4
Nov-2029	4
Dec-2029	4
Jan-2030	4
Feb-2030	4
Mar-2030	4
Apr-2030	4
May-2030	4
Jun-2030	4
Jul-2030	4
Aug-2030	4
Sep-2030	3
Oct-2030	3
Nov-2030	3
Dec-2030	3

Month	Gas Volume
Jan-2031	3
Feb-2031	3
Mar-2031	3
Apr-2031	3
May-2031	3
Jun-2031	3
Jul-2031	3
Aug-2031	3
Sep-2031	3
Oct-2031	3
Nov-2031	3
Dec-2031	3
Jan-2032	3
Feb-2032	3
Mar-2032	3
Apr-2032	3
May-2032	3
Jun-2032	3
Jul-2032	3
Aug-2032	3
Sep-2032	3
Oct-2032	3
Nov-2032	3
Dec-2032	3
Jan-2033	3
Feb-2033	3
Mar-2033	3
Apr-2033	3
May-2033	3
Jun-2033	3
Jul-2033	3
Aug-2033	3
Sep-2033	3
Oct-2033	3
Nov-2033	3
Dec-2033	3