

Submit 3 Copies To Appropriate District Office
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
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.
30-045-23608
5. Indicate Type of Lease
STATE FEE ☒
6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:
Jacques

8. Well No.
3
9. Pool name or Wildcat
Blanco Mesaverde & Pictured Cliff

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
BP America Production Company Attn: **Mary Corley**

3. Address of Operator
P.O. Box 3092 Houston, TX 77253

4. Well Location

Unit Letter **E** **1830** feet from the **North** line and **1135** feet from the **West** line

Section **25** Township **30N** Range **09W** NMPM **San Juan** County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
5664' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: **P&A Dakota. Add Mesaverde & Downhole Commingle** ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BP America Production Company request permission to abandon the Dakota formation; complete into the Mesaverde; and commingle production downhole from the Basin Dakota & Blanco Mesaverde Pools as per the attached procedure.

The Blanco Pictured Cliffs (72359) & the Blanco Mesaverde (72319) Pools are Pre-Approved Pools for Downhole Commingling per NMOC order R-11363. The working, overriding, and royalty interest owners in the proposed commingled pools are identical; therefore, no notification of this application need be submitted via certified mail.

Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Pictured Cliff. That production shall serve as a base for production subtracted from the total production for the commingled well. The balance of the production will be attributed to the Mesaverde. Attached is the future production decline estimates for the Pictured Cliffs. Commingling Production Downhole in the subject well from the proposed Pools with not reduce the value of the total remaining production.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Mary Corley* TITLE Sr. Regulatory Analyst DATE 05/06/2001

Type or print name Mary Corley Telephone No. 281-366-4491

(This space for State use)

APPROVED BY Original Signed by STEVEN A. HAYES TITLE DEPUTY OIL & GAS INSPECTOR DATE MAY - 7 2002

Conditions of approval, if any:

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 30-045-23608	² Pool Code 72319	³ Pool Name Blanco Mesaverde
⁴ Property Code 000715	⁵ Property Name Jacques	⁶ Well Number 3
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 5664'

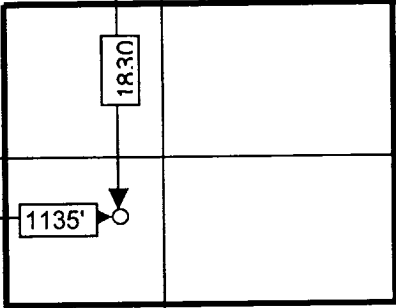
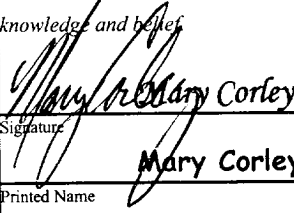
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from	North/South	Feet from	East/West	County
Unit E	25	30N	09W		1830'	North	1135'	West	San Juan

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 05/06/2002 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> 3/25/1979 Date of Survey Signature and Seal of Professional Surveyor: Fred B Kerr Jr 3950 Certificate Number

Jacques #3 Bradenhead and Recompletion 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.
5. TOH and LD 1-1/4" short string production tubing currently set at 2376'.
6. Tally OH with 2-3/8" production tubing currently set at 6706'.
7. TIH with packer plucker and remove 7" Baker Model 'D' packer set at 2700'.
8. TIH with bit and scraper for 4-1/2" casing to 6625'.
9. TIH with tubing-set 4-1/2" CIBP. Set CIBP at 6625'.
10. Spot 100' cement plug from 6525' – 6625'. TOH to 5400'. Spot 100' cement plug from 5300' – 5400' across the Gallup formation (use 50% excess for balanced plug). TOH.
11. RU WL unit. RIH with 7" RBP. Set RBP at 2325'. Load hole with 2% KCL.
12. Run CBL from 0' – 2325' to locate cement top behind 7" casing.
13. Perforate squeeze holes 50' above cement top and perform bradenhead squeeze as per Schlumberger design. Multiple squeeze jobs may be required to eliminate the bradenhead leak.
14. TIH with tubing and bit. Drill out cement and pressure test squeeze to 500 psi.
15. Retrieve 7" RBP set at 2325'.
16. RU WL. Run CBL over MV interval (3700' - 5150') to plan remedial cement work.
17. Perform cement squeeze job based on CBL results.
18. Drill out cement squeeze.
19. RIH with 3-1/8" casing guns. Perforate Point Lookout formation.
4560', 4564', 4570', 4576', 4582', 4593', 4601', 4604', 4610', 4620', 4626', 4632', 4646',
4653', 4660', 4670', 4676', 4693', 4697', 4706', 4715', 4722', 4742', 4760', 4780', 4786',
4808', 4849', 4864', 4890', 4898'
20. PU and RIH with 3-1/2" x 2-3/8" N80 frac sting and 4-1/2" packer. Set packer at 4500'.
21. RU frac equipment. Use 2% KCL-N2 foam in fracture stimulation.

-
22. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
 23. Flowback frac immediately.
 24. Release packer and POOH with frac string and packer.
 25. RU WL. RIH and set 4-1/2" CIBP between Menefee and Point Lookout at 4480'.
 26. RIH with 3-1/8" casing guns. Perforate Menefee formation.
4228', 4232', 4244', 4250', 4253', 4262', 4270', 4288', 4306', 4320', 4326', 4332', 4350',
4356', 4378', 4396', 4404', 4420', 4442', 4446', 4462'
 27. PU and RIH with 3-1/2" x 2-3/8" N80 frac sting and 4-1/2" packer. Set packer at 4175'.
 28. RU frac equipment. Use 2% KCL-N2 foam in fracture stimulation.
 29. Spearhead 500 gal 15% HCL, establish injection rate and proceed with fracture stimulation according to Schlumberger schedule.
 30. Flowback frac immediately.
 31. Release packer and POOH with frac string and packer.
 32. RU WL. RIH and set 4-1/2" CIBP between Menefee and Cliffhouse at 4175'.
 33. RIH with 3-1/8" casing guns. Perforate Cliffhouse and Lower Lewis formations.
3868', 3878', 3883', 3909', 3921', 3965', 3982', 3988', 3993', 3999', 4008', 4021', 4027',
4039', 4051', 4078', 4084', 4091', 4096', 4104', 4111', 4116', 4124', 4130', 4134', 4142',
4148', 4157', 4161'
 34. RIH with 3-1/2" x 2-3/8" N80 frac sting and 4-1/2" packer. Set packer at 3800'.
 35. RU frac equipment. Use 2% KCL-N2 foam in fracture stimulation.
 36. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
 37. Flowback frac immediately.
 38. Release packer and POOH with frac string and packer. LD frac string and packer.
 39. TIH with tubing and bit. Cleanout fill and drill bridge plugs set at 4175' and 4480'.
Cleanout fill to 5050'. Blow well dry at 5050'.
 40. RIH with 2-3/8" production tubing. Land 2-3/8" production tubing at 4700'.
 41. ND BOP's. NU WH. Test well for air. Return well to production and downhole commingle MV and PC production.

Jacquez #3

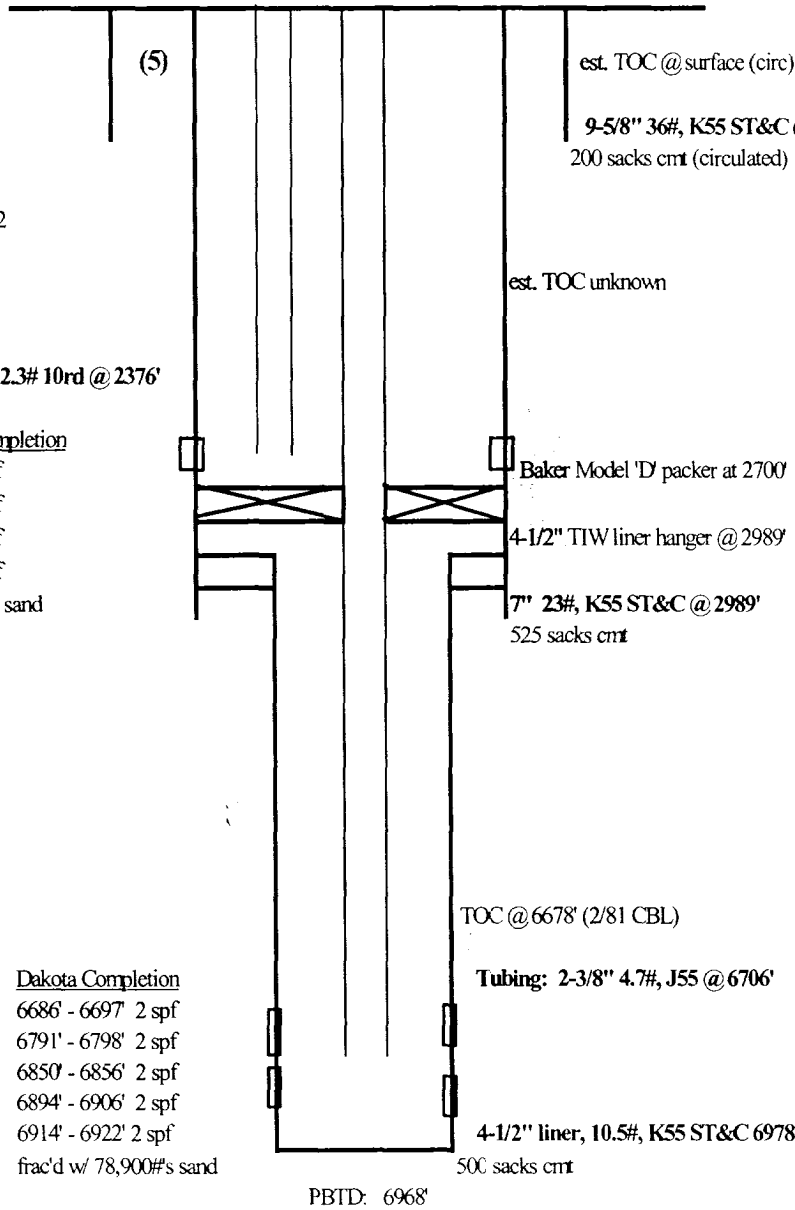
Sec 25, T30N R9W

API: 30-045-23608

GL: 5664'

History:

Completed in 12/82



Notes:

- 1) Poor cmt job on the 4-1/2" csg: lost returns 5 sacks into job, no circulation
- 2) No cement reversed off liner top
- 3) CBL shows TOC @ 6678'
- 4) Mud used at TD to log & run casing
- 5) Water flow from 9-5/8" X7" csg after cementing
- 6) Ojo Alamo @ 1096'; Gallup @ 5291'

updated: 5/10/01 jad

Future Production Decline Estimate Pictured Cliffs (Monthly Factor .337%)

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

$$Q_i = 36 \text{ MCFD (07/2001)}$$

$$Q_f = 35 \text{ MCFD (02/2002)}$$

$$t = 5 \text{ months (.41667 yrs)}$$

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

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

Corrected Volumes

$$35/36 = .97222$$

$$.97 * .46666 = .40510$$

$$0.033758333$$

Month	Gas Volume
Jan-2001	46
Feb-2001	47
Mar-2001	49
Apr-2001	49
May-2001	42
Jun-2001	37
Jul-2001	36
Aug-2001	36
Sep-2001	46
Oct-2001	44
Nov-2001	45
Dec-2001	41
Jan-2002	35
Feb-2002	35
Mar-2002	32
Apr-2002	26
May-2002	26
Jun-2002	26
Jul-2002	26
Aug-2002	26
Sep-2002	26
Oct-2002	26
Nov-2002	26
Dec-2002	26
Jan-2003	26
Feb-2003	26
Mar-2003	26
Apr-2003	26
May-2003	26
Jun-2003	26
Jul-2003	26
Aug-2003	26
Sep-2003	26
Oct-2003	26
Nov-2003	26
Dec-2003	25

Month	Gas Volume
Jan-2004	24
Feb-2004	24
Mar-2004	23
Apr-2004	23
May-2004	22
Jun-2004	21
Jul-2004	21
Aug-2004	20
Sep-2004	20
Oct-2004	19
Nov-2004	19
Dec-2004	18
Jan-2005	18
Feb-2005	17
Mar-2005	17
Apr-2005	16
May-2005	16
Jun-2005	15
Jul-2005	15
Aug-2005	15
Sep-2005	14
Oct-2005	14
Nov-2005	13
Dec-2005	13
Jan-2006	13
Feb-2006	12
Mar-2006	12
Apr-2006	12
May-2006	11
Jun-2006	11
Jul-2006	11
Aug-2006	11
Sep-2006	10
Oct-2006	10
Nov-2006	10
Dec-2006	9

Month	Gas Volume
Jan-2007	9
Feb-2007	9
Mar-2007	9
Apr-2007	9
May-2007	9
Jun-2007	9
Jul-2007	9
Aug-2007	9
Sep-2007	9
Oct-2007	9
Nov-2007	9
Dec-2007	9
Jan-2008	9
Feb-2008	9
Mar-2008	9
Apr-2008	9
May-2008	9
Jun-2008	9
Jul-2008	9
Aug-2008	9
Sep-2008	9
Oct-2008	9
Nov-2008	9
Dec-2008	9
Jan-2009	9
Feb-2009	9
Mar-2009	9
Apr-2009	9
May-2009	9
Jun-2009	9
Jul-2009	9
Aug-2009	8
Sep-2009	8
Oct-2009	8
Nov-2009	8
Dec-2009	8

Jacques # 3

Future Production Decline Estimate Pictured Cliffs

(Monthly Factor .337%)

Month	Gas Volume
Jan-2010	8
Feb-2010	8
Mar-2010	8
Apr-2010	8
May-2010	8
Jun-2010	8
Jul-2010	8
Aug-2010	8
Sep-2010	8
Oct-2010	8
Nov-2010	8
Dec-2010	8
Jan-2011	8
Feb-2011	8
Mar-2011	8
Apr-2011	8
May-2011	8
Jun-2011	8
Jul-2011	8
Aug-2011	8
Sep-2011	8
Oct-2011	8
Nov-2011	8
Dec-2011	8
Jan-2012	8
Feb-2012	8
Mar-2012	8
Apr-2012	8
May-2012	8
Jun-2012	8
Jul-2012	8
Aug-2012	7
Sep-2012	7
Oct-2012	7
Nov-2012	7
Dec-2012	7

Month	Gas Volume
Jan-2013	7
Feb-2013	7
Mar-2013	7
Apr-2013	7
May-2013	7
Jun-2013	7
Jul-2013	7
Aug-2013	7
Sep-2013	7
Oct-2013	7
Nov-2013	7
Dec-2013	7
Jan-2014	7
Feb-2014	7
Mar-2014	7
Apr-2014	7
May-2014	7
Jun-2014	7
Jul-2014	7
Aug-2014	7
Sep-2014	7
Oct-2014	7
Nov-2014	7
Dec-2014	7
Jan-2015	7
Feb-2015	7
Mar-2015	7
Apr-2015	7
May-2015	7
Jun-2015	7
Jul-2015	7
Aug-2015	7
Sep-2015	7
Oct-2015	7
Nov-2015	7
Dec-2015	7

Month	Gas Volume
Jan-2016	7
Feb-2016	7
Mar-2016	7
Apr-2016	7
May-2016	7
Jun-2016	7
Jul-2016	6
Aug-2016	6
Sep-2016	6
Oct-2016	6
Nov-2016	6
Dec-2016	6
Jan-2017	6
Feb-2017	6
Mar-2017	6
Apr-2017	6
May-2017	6
Jun-2017	6
Jul-2017	6
Aug-2017	6
Sep-2017	6
Oct-2017	6
Nov-2017	6
Dec-2017	6
Jan-2018	6
Feb-2018	6
Mar-2018	6
Apr-2018	6
May-2018	6
Jun-2018	6
Jul-2018	6
Aug-2018	6
Sep-2018	6
Oct-2018	6
Nov-2018	6
Dec-2018	6

Month	Gas Volume
Jan-2019	6
Feb-2019	6
Mar-2019	6
Apr-2019	6
May-2019	6
Jun-2019	6
Jul-2019	6
Aug-2019	6
Sep-2019	6
Oct-2019	6
Nov-2019	6
Dec-2019	6
Jan-2020	6
Feb-2020	6
Mar-2020	6
Apr-2020	5
May-2020	5
Jun-2020	5
Jul-2020	5
Aug-2020	5
Sep-2020	5
Oct-2020	5
Nov-2020	5
Dec-2020	5
Jan-2021	5
Feb-2021	5
Mar-2021	5
Apr-2021	5
May-2021	5
Jun-2021	5
Jul-2021	5
Aug-2021	5
Sep-2021	5
Oct-2021	5
Nov-2021	5
Dec-2021	5

Jacques # 3

Future Production Decline Estimate Pictured Cliffs (Monthly Factor .337%)

Month	Gas Volume
Jan-2022	5
Feb-2022	5
Mar-2022	5
Apr-2022	5
May-2022	5
Jun-2022	5
Jul-2022	5
Aug-2022	5
Sep-2022	5
Oct-2022	5
Nov-2022	5
Dec-2022	5
Jan-2023	5
Feb-2023	5
Mar-2023	5
Apr-2023	5
May-2023	5
Jun-2023	5
Jul-2023	5
Aug-2023	4
Sep-2023	4
Oct-2023	4
Nov-2023	4
Dec-2023	4
Jan-2024	4
Feb-2024	4
Mar-2024	4
Apr-2024	4
May-2024	4
Jun-2024	4
Jul-2024	4
Aug-2024	4
Sep-2024	4
Oct-2024	4
Nov-2024	4
Dec-2024	4

Month	Gas Volume
Jan-2025	4
Feb-2025	4
Mar-2025	4
Apr-2025	4
May-2025	4
Jun-2025	4
Jul-2025	4
Aug-2025	4
Sep-2025	4
Oct-2025	4
Nov-2025	4
Dec-2025	4
Jan-2026	4
Feb-2026	4
Mar-2026	4
Apr-2026	4
May-2026	4
Jun-2026	4
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	3
Nov-2027	3
Dec-2027	3

Month	Gas Volume
Jan-2028	3
Feb-2028	3
Mar-2028	3
Apr-2028	3
May-2028	3
Jun-2028	3
Jul-2028	3
Aug-2028	3
Sep-2028	3
Oct-2028	3
Nov-2028	3
Dec-2028	3
Jan-2029	3
Feb-2029	3
Mar-2029	3
Apr-2029	3
May-2029	3
Jun-2029	3
Jul-2029	3
Aug-2029	3
Sep-2029	3
Oct-2029	3
Nov-2029	3
Dec-2029	3
Jan-2030	3
Feb-2030	3
Mar-2030	3
Apr-2030	3
May-2030	3
Jun-2030	3
Jul-2030	3
Aug-2030	3
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	2
Jun-2033	2
Jul-2033	2
Aug-2033	2
Sep-2033	2
Oct-2033	2
Nov-2033	2
Dec-2033	2