

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.*5. Lease Serial No.
NMSF - 078046

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
HUGHES LS 1A9. API Well No.
30-045-2271510. Field and Pool, or Exploratory
BLANCO MV & PC

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

BP AMERICA 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 19 T29N R8W NENW 925FNL 1850FWL

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.)

BP America Production Company request permission to convert the subject well from a dual string completion to a single string completion and commingle production downhole from the Blanco Mesaverde & Blanco Pictured Cliffs Pools as per the attached procedure. The Blanco Mesaverde (72319) and Blanco Pictured Cliffs (72359) Pools are Pre-Approved for Downhole Commingling per NMOCD Order R-11363.

The working, overriding, and royalty interest in the proposed commingled pools are identical, therefore, no notification of this application needs to be submitted.

Production is proposed to be allocated on the subtraction method using the projected future decline for production from the Pictured Cliffs (Mesaverde has been off production since 1986). 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.

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

Electronic Submission #10455 verified by the BLM Well Information System
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington

Name (Printed/Typed) MARY CORLEY

Title AUTHORIZED REPRESENTATIVE

Signature

Date 02/21/2002

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.

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Additional data for EC transaction #10455 that would not fit on the form

32. Additional remarks, continued

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

Hughes LS #1A Commingle Procedure

Procedure:

1. Check anchors. MIRU workover rig.
2. Check and record tubing, casing, and bradenhead pressures.
3. Blow down wellhead. Kill with 2% KCL water ONLY if necessary.
4. Nipple down WH. NU BOPs.
5. Tag for fill above Model 'D' packer set at 3200' and TOH with 1-1/4" short string currently set at 3114'.
6. If fill was detected, TIH and cleanout fill above packer. TOH and LD 1-1/4" production tubing.
7. TOH with 2-3/8" production tubing currently set at 4987'.
8. Mill slip elements on Model 'D' packer set at 3200' and retrieve packer with packer plucker.
9. Tag for fill and, if necessary, cleanout fill to CIBP at 5665'.
10. Rabbit tubing and RIH with 2-3/8" production tubing.
11. Land 2-3/8" production tubing at 5500'.
12. ND BOP's. NU WH. Test well for air. Return well to production and downhole commingle PC and Mesaverde.

Hughes LS #1A

Sec 19, T29N, R8W

API # 30-045-22715

GL: 6408'

History:

Completed as MV single in April 1978
Sep 1985- Completed PC, dual producer
Dec 1995 - Repair packer leak, fished tbg,
reperfd and acidized MV

1-1/4" tubing @ 3114'

Pictured Cliffs Perforations

3025' - 3066' 2 spf
3199' - 3123' 2 spf
frac'd w/ 119,000# sand

Mesaverde Perforations

4646' - 5115' (21 holes) w/ 84,500# sand
5250' - 5618' (19 holes) w/ 51,000# sand

CIBP set @ 5665'

PBTD: 5681'

NOTES:

- 1) CIBP set at 5665' when casing shoe leaked after pressure testing.

est. TOC @ surface (circ)

2-5/8" 36# K55 @ 220'
190 sxs cmt (circulated)

Est. TOC @ 1750' (tempt surv)

Baker Model 'D' packer @ 3200'
tbg landed w/ 10000# compression
4-1/2" liner hanger @ 3201'

7" 23#, K55 @ 3349'
225 sxs cmt

Est. TOC @ TOL (reversed 20 bbls)

Tubing: 2-3/8" 4.7#, J55 8rd @ 4987'

4-1/2" liner, 10.5#, K55 @ 5699'
434 sxs cmt

updated: 1/16/02 jad

Hughes LS 1A

Future Production Decline Estimate Pictured Cliffs

(Monthly Factor .238%)

Month	Gas Volume
Jan-2001	4
Feb-2001	4
Mar-2001	4
Apr-2001	1
May-2001	0
Jun-2001	5
Jul-2001	0
Aug-2001	7
Sep-2001	6
Oct-2001	6
Nov-2001	6
Dec-2001	6
Jan-2002	6
Feb-2002	6
Mar-2002	6
Apr-2002	6
May-2002	6
Jun-2002	6
Jul-2002	6
Aug-2002	6
Sep-2002	6
Oct-2002	6
Nov-2002	6
Dec-2002	6
Jan-2003	6
Feb-2003	6
Mar-2003	6
Apr-2003	6
May-2003	6
Jun-2003	6
Jul-2003	6
Aug-2003	6
Sep-2003	6
Oct-2003	6
Nov-2003	6
Dec-2003	6

$\ln(Q_f/Q_i) = -dt$
 $Q_i = 7 \text{ MCFD (08/2001)}$
 $Q_f = 6 \text{ MCFD (12/2001)}$
 $t = 4 \text{ months (.033333 yrs)}$
 $d = 0.32 \text{ annual decline}$
 $0.027 \text{ monthly decline (0.32/12)}$

Corrected Volumes
 $6/7 = .85714$
 $.857 * .33333 = .285711$
 0.02380925

Month	Gas Volume
Jan-2004	6
Feb-2004	5
Mar-2004	5
Apr-2004	5
May-2004	5
Jun-2004	5
Jul-2004	5
Aug-2004	5
Sep-2004	5
Oct-2004	4
Nov-2004	4
Dec-2004	4
Jan-2005	4
Feb-2005	4
Mar-2005	4
Apr-2005	4
May-2005	4
Jun-2005	4
Jul-2005	3
Aug-2005	3
Sep-2005	3
Oct-2005	3
Nov-2005	3
Dec-2005	3
Jan-2006	3
Feb-2006	3
Mar-2006	3
Apr-2006	3
May-2006	3
Jun-2006	3
Jul-2006	3
Aug-2006	2
Sep-2006	2
Oct-2006	2
Nov-2006	2
Dec-2006	2

Month	Gas Volume
Jan-2007	2
Feb-2007	2
Mar-2007	2
Apr-2007	2
May-2007	2
Jun-2007	2
Jul-2007	2
Aug-2007	2
Sep-2007	2
Oct-2007	2
Nov-2007	2
Dec-2007	2
Jan-2008	2
Feb-2008	2
Mar-2008	2
Apr-2008	2
May-2008	2
Jun-2008	2
Jul-2008	2
Aug-2008	2
Sep-2008	2
Oct-2008	2
Nov-2008	2
Dec-2008	2
Jan-2009	2
Feb-2009	2
Mar-2009	2
Apr-2009	2
May-2009	2
Jun-2009	2
Jul-2009	2
Aug-2009	2
Sep-2009	2
Oct-2009	2
Nov-2009	2
Dec-2009	2

Hughes LS 1A

Future Production Decline Estimate Pictured Cliffs

(Monthly Factor .238%)

Month	Gas Volume
Jan-2010	2
Feb-2010	2
Mar-2010	2
Apr-2010	2
May-2010	2
Jun-2010	2
Jul-2010	2
Aug-2010	2
Sep-2010	2
Oct-2010	2
Nov-2010	2
Dec-2010	2
Jan-2011	2
Feb-2011	2
Mar-2011	2
Apr-2011	2
May-2011	2
Jun-2011	2
Jul-2011	2
Aug-2011	2
Sep-2011	2
Oct-2011	2
Nov-2011	2
Dec-2011	2
Jan-2012	2
Feb-2012	2
Mar-2012	2
Apr-2012	2
May-2012	2
Jun-2012	2
Jul-2012	2
Aug-2012	2
Sep-2012	2
Oct-2012	2
Nov-2012	2
Dec-2012	2

Month	Gas Volume
Jan-2013	2
Feb-2013	2
Mar-2013	2
Apr-2013	2
May-2013	2
Jun-2013	2
Jul-2013	2
Aug-2013	2
Sep-2013	2
Oct-2013	2
Nov-2013	2
Dec-2013	2
Jan-2014	2
Feb-2014	2
Mar-2014	2
Apr-2014	2
May-2014	2
Jun-2014	2
Jul-2014	2
Aug-2014	2
Sep-2014	2
Oct-2014	2
Nov-2014	2
Dec-2014	2
Jan-2015	2
Feb-2015	2
Mar-2015	2
Apr-2015	2
May-2015	2
Jun-2015	2
Jul-2015	2
Aug-2015	2
Sep-2015	2
Oct-2015	2
Nov-2015	2
Dec-2015	2

Month	Gas Volume
Jan-2016	2
Feb-2016	2
Mar-2016	2
Apr-2016	2
May-2016	2
Jun-2016	2
Jul-2016	1
Aug-2016	1
Sep-2016	1
Oct-2016	1
Nov-2016	1
Dec-2016	1
Jan-2017	1
Feb-2017	1
Mar-2017	1
Apr-2017	1
May-2017	1
Jun-2017	1
Jul-2017	1
Aug-2017	1
Sep-2017	1
Oct-2017	1
Nov-2017	1
Dec-2017	1
Jan-2018	1
Feb-2018	1
Mar-2018	1
Apr-2018	1
May-2018	1
Jun-2018	1
Jul-2018	1
Aug-2018	1
Sep-2018	1
Oct-2018	1
Nov-2018	1
Dec-2018	1

Month	Gas Volume
Jan-2019	1
Feb-2019	1
Mar-2019	1
Apr-2019	1
May-2019	1
Jun-2019	1
Jul-2019	1
Aug-2019	1
Sep-2019	1
Oct-2019	1
Nov-2019	1
Dec-2019	1
Jan-2020	1
Feb-2020	1
Mar-2020	1
Apr-2020	1
May-2020	1
Jun-2020	1
Jul-2020	1
Aug-2020	1
Sep-2020	1
Oct-2020	1
Nov-2020	1
Dec-2020	1
Jan-2021	1
Feb-2021	1
Mar-2021	1
Apr-2021	1
May-2021	1
Jun-2021	1
Jul-2021	1
Aug-2021	1
Sep-2021	1
Oct-2021	1
Nov-2021	1
Dec-2021	1

Hughes LS 1A

Future Production Decline Estimate Pictured Cliffs

(Monthly Factor .238%)

Month	Gas Volume
Jan-2022	1
Feb-2022	1
Mar-2022	1
Apr-2022	1
May-2022	1
Jun-2022	1
Jul-2022	1
Aug-2022	1
Sep-2022	1
Oct-2022	1
Nov-2022	1
Dec-2022	1
Jan-2023	1
Feb-2023	1
Mar-2023	1
Apr-2023	1
May-2023	1
Jun-2023	1
Jul-2023	1
Aug-2023	1
Sep-2023	1
Oct-2023	1
Nov-2023	1
Dec-2023	1
Jan-2024	1
Feb-2024	1
Mar-2024	1
Apr-2024	1
May-2024	1
Jun-2024	1
Jul-2024	1
Aug-2024	1
Sep-2024	1
Oct-2024	1
Nov-2024	1
Dec-2024	1

Month	Gas Volume
Jan-2025	1
Feb-2025	1
Mar-2025	1
Apr-2025	1
May-2025	1
Jun-2025	1
Jul-2025	1
Aug-2025	1
Sep-2025	1
Oct-2025	1
Nov-2025	1
Dec-2025	1
Jan-2026	1
Feb-2026	1
Mar-2026	1
Apr-2026	1
May-2026	1
Jun-2026	1
Jul-2026	1
Aug-2026	1
Sep-2026	1
Oct-2026	1
Nov-2026	1
Dec-2026	1
Jan-2027	1
Feb-2027	1
Mar-2027	1
Apr-2027	1
May-2027	1
Jun-2027	1
Jul-2027	1
Aug-2027	1
Sep-2027	1
Oct-2027	1
Nov-2027	1
Dec-2027	1

Month	Gas Volume
Jan-2028	1
Feb-2028	1
Mar-2028	1
Apr-2028	1
May-2028	1
Jun-2028	1
Jul-2028	1
Aug-2028	1
Sep-2028	1
Oct-2028	1
Nov-2028	1
Dec-2028	1
Jan-2029	1
Feb-2029	1
Mar-2029	1
Apr-2029	1
May-2029	1
Jun-2029	1
Jul-2029	1
Aug-2029	1
Sep-2029	1
Oct-2029	1
Nov-2029	1
Dec-2029	1
Jan-2030	1
Feb-2030	1
Mar-2030	1
Apr-2030	1
May-2030	1
Jun-2030	1
Jul-2030	1
Aug-2030	1
Sep-2030	1
Oct-2030	1
Nov-2030	1
Dec-2030	1

Month	Gas Volume
Jan-2031	1
Feb-2031	1
Mar-2031	1
Apr-2031	1
May-2031	1
Jun-2031	1
Jul-2031	1
Aug-2031	1
Sep-2031	1
Oct-2031	1
Nov-2031	1
Dec-2031	1
Jan-2032	1
Feb-2032	1
Mar-2032	1
Apr-2032	1
May-2032	1
Jun-2032	1
Jul-2032	1
Aug-2032	1
Sep-2032	1
Oct-2032	1
Nov-2032	1
Dec-2032	1
Jan-2033	1
Feb-2033	1
Mar-2033	1
Apr-2033	1
May-2033	1
Jun-2033	1
Jul-2033	1
Aug-2033	1
Sep-2033	1
Oct-2033	1
Nov-2033	1
Dec-2033	1