

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 July 31, 2010

JUL 03 2008
Bureau of Land Management
Farmington Field Office

Lease Serial No. **SF 078040**
Allottee or tribe Name

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1 Type of Well ☐ Oil Well ☒ Gas Well ☐ Other	7 If Unit or CA/Agreement, Name and/or No
2 Name of Operator BP America Production Company Attn: Cherry Hlava	8 Well Name and No Mudge A 11
3a. Address P.O. Box 3092 Houston, TX 77253	9 API Well No. 30-045-10838
3b. Phone No. (include area code) 281-366-4081	10. Field and Pool, or Exploratory Area Blanco Mesaverd & Basin Dakota
4 Location of Well (Footage, Sec., T., R., M., or Survey Description) 795' FSL & 795' FWL SEC 10 T31N R11W SWSW	11 County or Parish, State San Juan County, New Mexico

12 CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OR 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 DHC Order R-5155 11-22-1975
	☐ Change Plans	☐ Plug and Abandon	☐ Water Disposal	
	☐ Convert to Injection	☐ Plug Back		

- 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 recompleate 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 recompleation 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.

Well was a dual producing MV & DK. In Jan. 2002 short string and packer was removed and well began DHC.

1/14/02 Rigged up on location; CSG 140 psi; TBG 140 psi.

1/15/02 Pulled Tbg

1/16/02 TIH tag pkr @5094'.

1/17/02 Blw well down. RU power swivel; press test 1000 psi; ODay; mil down @5097'. Rig Down power swivel.

1/18/02 CSG 240 psi; TBG N/A. Blow well down; TIH tag PKR @5097'. RU power swivel; Release PKR. TOH w/PKR.

1/21/02 TIH tagged fill @7316'.RU power swivel c/o to 7340'.

1/22/02 TIH c/o to 7365' PBTD. Run 3 bbl sweeps.

1/24/02 TIH land w/ 2 3/8" ; 4.7#; J-55 tbg @7274'.

Well is currently Downhole Commingling from 1/25/2002

**RCVD JUL 8 '08
OIL CONS. DIV.
DIST. 3**

**DHC 2910 AZ (for R-5155)
(7-3-08)**

14 I hereby certify that the foregoing is true and correct
Name (Printed/typed) **Cherry Hlava** Title **Regulatory Analyst**
Signature *Cherry Hlava* Date **06/26/2008**

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	ACCEPTED FOR RECORD JUL 07 2008 FARMINGTON FIELD 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.

NMOCD

Mudge A 11

30-045-10838

Forecast Based on Performance Before 2002

	% MV	%DK
Jan-2002	68.1	31.9
Feb-2002	68.1	31.9
Mar-2002	68.1	31.9
Apr-2002	68.1	31.9
May-2002	68.1	31.9
Jun-2002	68.1	31.9
Jul-2002	68.0	32.0
Aug-2002	68.0	32.0
Sep-2002	68.0	32.0
Oct-2002	68.0	32.0
Nov-2002	68.0	32.0
Dec-2002	68.0	32.0
Jan-2003	67.9	32.1
Feb-2003	67.9	32.1
Mar-2003	67.9	32.1
Apr-2003	67.9	32.1
May-2003	67.9	32.1
Jun-2003	67.9	32.1
Jul-2003	67.8	32.2
Aug-2003	67.8	32.2
Sep-2003	67.8	32.2
Oct-2003	67.8	32.2
Nov-2003	67.8	32.2
Dec-2003	67.8	32.2
Jan-2004	67.8	32.2
Feb-2004	67.7	32.3
Mar-2004	67.7	32.3
Apr-2004	67.7	32.3
May-2004	67.7	32.3
Jun-2004	67.7	32.3
Jul-2004	67.7	32.3
Aug-2004	67.6	32.4
Sep-2004	67.6	32.4
Oct-2004	67.6	32.4
Nov-2004	67.6	32.4
Dec-2004	67.6	32.4
Jan-2005	67.6	32.4
Feb-2005	67.5	32.5
Mar-2005	67.5	32.5
Apr-2005	67.5	32.5

Formula:

$$Q_i = Q_{i-1} * \text{EXP}(-D/12)$$

where

D = Yearly Decline Factor

D = 0.038 for MV

D = 0.029 for DK

Mudge A 11

Forecast Based on Performance Before 2002

	% MV	%DK
May-2005	67.5	32.5
Jun-2005	67.5	32.5
Jul-2005	67.5	32.5
Aug-2005	67.4	32.6
Sep-2005	67.4	32.6
Oct-2005	67.4	32.6
Nov-2005	67.4	32.6
Dec-2005	67.4	32.6
Jan-2006	67.4	32.6
Feb-2006	67.3	32.7
Mar-2006	67.3	32.7
Apr-2006	67.3	32.7
May-2006	67.3	32.7
Jun-2006	67.3	32.7
Jul-2006	67.3	32.7
Aug-2006	67.2	32.8
Sep-2006	67.2	32.8
Oct-2006	67.2	32.8
Nov-2006	67.2	32.8
Dec-2006	67.2	32.8
Jan-2007	67.2	32.8
Feb-2007	67.1	32.9
Mar-2007	67.1	32.9
Apr-2007	67.1	32.9
May-2007	67.1	32.9
Jun-2007	67.1	32.9
Jul-2007	67.1	32.9
Aug-2007	67.0	33.0
Sep-2007	67.0	33.0
Oct-2007	67.0	33.0
Nov-2007	67.0	33.0
Dec-2007	67.0	33.0
Jan-2008	67.0	33.0
Feb-2008	66.9	33.1
Mar-2008	66.9	33.1
Apr-2008	66.9	33.1
May-2008	66.9	33.1
Jun-2008	66.9	33.1
Jul-2008	66.9	33.1
Aug-2008	66.8	33.2
Sep-2008	66.8	33.2

Formula:

$$Q_i = Q_{i-1} * \text{EXP}(-D/12)$$

where

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Mudge A 11

Forecast Based on Performance Before 2002

	% MV	%DK
Oct-2008	66.8	33.2
Nov-2008	66.8	33.2
Dec-2008	66.8	33.2
Jan-2009	66.8	33.2
Feb-2009	66.7	33.3
Mar-2009	66.7	33.3
Apr-2009	66.7	33.3
May-2009	66.7	33.3
Jun-2009	66.7	33.3
Jul-2009	66.7	33.3
Aug-2009	66.6	33.4
Sep-2009	66.6	33.4
Oct-2009	66.6	33.4
Nov-2009	66.6	33.4
Dec-2009	66.6	33.4
Jan-2010	66.6	33.4
Feb-2010	66.5	33.5
Mar-2010	66.5	33.5
Apr-2010	66.5	33.5
May-2010	66.5	33.5
Jun-2010	66.5	33.5
Jul-2010	66.5	33.5
Aug-2010	66.4	33.6
Sep-2010	66.4	33.6
Oct-2010	66.4	33.6
Nov-2010	66.4	33.6
Dec-2010	66.4	33.6
Jan-2011	66.4	33.6
Feb-2011	66.3	33.7
Mar-2011	66.3	33.7
Apr-2011	66.3	33.7
May-2011	66.3	33.7
Jun-2011	66.3	33.7
Jul-2011	66.3	33.7
Aug-2011	66.2	33.8
Sep-2011	66.2	33.8
Oct-2011	66.2	33.8
Nov-2011	66.2	33.8
Dec-2011	66.2	33.8
Jan-2012	66.2	33.8
Feb-2012	66.1	33.9

Formula:

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Mudge A 11

Forecast Based on Performance Before 2002

	% MV	%DK
Mar-2012	66.1	33.9
Apr-2012	66.1	33.9
May-2012	66.1	33.9
Jun-2012	66.1	33.9
Jul-2012	66.1	33.9
Aug-2012	66.0	34.0
Sep-2012	66.0	34.0
Oct-2012	66.0	34.0
Nov-2012	66.0	34.0
Dec-2012	66.0	34.0
Jan-2013	66.0	34.0
Feb-2013	65.9	34.1
Mar-2013	65.9	34.1
Apr-2013	65.9	34.1
May-2013	65.9	34.1
Jun-2013	65.9	34.1
Jul-2013	65.9	34.1
Aug-2013	65.8	34.2
Sep-2013	65.8	34.2
Oct-2013	65.8	34.2
Nov-2013	65.8	34.2
Dec-2013	65.8	34.2
Jan-2014	65.8	34.2
Feb-2014	65.7	34.3
Mar-2014	65.7	34.3
Apr-2014	65.7	34.3
May-2014	65.7	34.3
Jun-2014	65.7	34.3
Jul-2014	65.7	34.3
Aug-2014	65.6	34.4
Sep-2014	65.6	34.4
Oct-2014	65.6	34.4
Nov-2014	65.6	34.4
Dec-2014	65.6	34.4
Jan-2015	65.6	34.4
Feb-2015	65.5	34.5
Mar-2015	65.5	34.5
Apr-2015	65.5	34.5
May-2015	65.5	34.5
Jun-2015	65.5	34.5
Jul-2015	65.4	34.6

Formula:

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Mudge A 11

Forecast Based on Performance Before 2002

	% MV	%DK
Aug-2015	65.4	34.6
Sep-2015	65.4	34.6
Oct-2015	65.4	34.6
Nov-2015	65.4	34.6
Dec-2015	65.4	34.6
Jan-2016	65.3	34.7
Feb-2016	65.3	34.7
Mar-2016	65.3	34.7
Apr-2016	65.3	34.7
May-2016	65.3	34.7
Jun-2016	65.3	34.7
Jul-2016	65.2	34.8
Aug-2016	65.2	34.8
Sep-2016	65.2	34.8
Oct-2016	65.2	34.8
Nov-2016	65.2	34.8
Dec-2016	65.2	34.8
Jan-2017	65.1	34.9
Feb-2017	65.1	34.9
Mar-2017	65.1	34.9
Apr-2017	65.1	34.9
May-2017	65.1	34.9
Jun-2017	65.1	34.9
Jul-2017	65.0	35.0
Aug-2017	65.0	35.0
Sep-2017	65.0	35.0
Oct-2017	65.0	35.0
Nov-2017	65.0	35.0
Dec-2017	65.0	35.0
Jan-2018	64.9	35.1
Feb-2018	64.9	35.1
Mar-2018	64.9	35.1
Apr-2018	64.9	35.1
May-2018	64.9	35.1
Jun-2018	64.9	35.1
Jul-2018	64.8	35.2
Aug-2018	64.8	35.2
Sep-2018	64.8	35.2
Oct-2018	64.8	35.2
Nov-2018	64.8	35.2
Dec-2018	64.8	35.2

Formula:

$$Q_i = Q_{i-1} * \text{EXP}(-D/12)$$

where

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Mudge A 11

Forecast Based on Performance Before 2002

	% MV	%DK
Jan-2019	64.7	35.3
Feb-2019	64.7	35.3
Mar-2019	64.7	35.3
Apr-2019	64.7	35.3
May-2019	64.7	35.3
Jun-2019	64.6	35.4
Jul-2019	64.6	35.4
Aug-2019	64.6	35.4
Sep-2019	64.6	35.4
Oct-2019	64.6	35.4
Nov-2019	64.6	35.4
Dec-2019	64.5	35.5
Jan-2020	64.5	35.5
Feb-2020	64.5	35.5
Mar-2020	64.5	35.5
Apr-2020	64.5	35.5
May-2020	64.5	35.5
Jun-2020	64.4	35.6
Jul-2020	64.4	35.6
Aug-2020	64.4	35.6
Sep-2020	64.4	35.6
Oct-2020	64.4	35.6
Nov-2020	64.4	35.6
Dec-2020	64.3	35.7
Jan-2021	64.3	35.7
Feb-2021	64.3	35.7
Mar-2021	64.3	35.7
Apr-2021	64.3	35.7
May-2021	64.3	35.7
Jun-2021	64.2	35.8
Jul-2021	64.2	35.8
Aug-2021	64.2	35.8
Sep-2021	64.2	35.8
Oct-2021	64.2	35.8
Nov-2021	64.1	35.9
Dec-2021	64.1	35.9
Jan-2022	64.1	35.9
Feb-2022	64.1	35.9
Mar-2022	64.1	35.9
Apr-2022	64.1	35.9
May-2022	64.0	36.0

Formula:

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Mudge A 11

Forecast Based on Performance Before 2002

	% MV	%DK
Jun-2022	64.0	36.0
Jul-2022	64.0	36.0
Aug-2022	64.0	36.0
Sep-2022	64.0	36.0
Oct-2022	64.0	36.0
Nov-2022	63.9	36.1
Dec-2022	63.9	36.1
Jan-2023	63.9	36.1
Feb-2023	63.9	36.1
Mar-2023	63.9	36.1
Apr-2023	63.9	36.1
May-2023	63.8	36.2
Jun-2023	63.8	36.2
Jul-2023	63.8	36.2
Aug-2023	63.8	36.2
Sep-2023	63.8	36.2
Oct-2023	63.8	36.2
Nov-2023	63.7	36.3
Dec-2023	63.7	36.3
Jan-2024	63.7	36.3
Feb-2024	63.7	36.3
Mar-2024	63.7	36.3
Apr-2024	63.6	36.4
May-2024	63.6	36.4
Jun-2024	63.6	36.4
Jul-2024	63.6	36.4
Aug-2024	63.6	36.4
Sep-2024	63.6	36.4
Oct-2024	63.5	36.5
Nov-2024	63.5	36.5
Dec-2024	63.5	36.5
Jan-2025	63.5	36.5
Feb-2025	63.5	36.5
Mar-2025	63.5	36.5
Apr-2025	63.4	36.6
May-2025	63.4	36.6
Jun-2025	63.4	36.6
Jul-2025	63.4	36.6
Aug-2025	63.4	36.6
Sep-2025	63.4	36.6
Oct-2025	63.3	36.7

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Mudge A 11

RECEIVED

Forecast Based on Performance Before 2002

JUL 03 2008

Bureau of Land Management
Farmington Field Office

	% MV	%DK
Nov-2025	63.3	36.7
Dec-2025	63.3	36.7
Jan-2026	63.3	36.7
Feb-2026	63.3	36.7
Mar-2026	63.2	36.8
Apr-2026	63.2	36.8
May-2026	63.2	36.8
Jun-2026	63.2	36.8
Jul-2026	63.2	36.8
Aug-2026	63.2	36.8
Sep-2026	63.1	36.9
Oct-2026	63.1	36.9
Nov-2026	63.1	36.9
Dec-2026	63.1	36.9
Jan-2027	63.1	36.9
Feb-2027	63.1	36.9
Mar-2027	63.0	37.0
Apr-2027	63.0	37.0
May-2027	63.0	37.0
Jun-2027	63.0	37.0
Jul-2027	63.0	37.0
Aug-2027	63.0	37.0
Sep-2027	62.9	37.1
Oct-2027	62.9	37.1
Nov-2027	62.9	37.1
Dec-2027	62.9	37.1
Jan-2028	62.9	37.1
Feb-2028	62.8	37.2
Mar-2028	62.8	37.2
Apr-2028	62.8	37.2
May-2028	62.8	37.2
Jun-2028	62.8	37.2
Jul-2028	62.8	37.2
Aug-2028	62.7	37.3
Sep-2028	62.7	37.3
Oct-2028	62.7	37.3
Nov-2028	62.7	37.3
Dec-2028	62.7	37.3

Formula:

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