

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. **SF**
ML-078096

6. If Indian, Allottee or tribe Name

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

Well Name and No.
Mudge B 13

9. API Well No.
30-045-10586

10. Field and Pool, or Exploratory Area
Basin Dakota & Blanco Mesaverde

11. County or Parish, State
San Juan County, New Mexico

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 Attn: Mary Corley

3a. Address **P.O. Box 3092 Houston, TX 77253**
3b. Phone No. (include area code) **281-366-4491**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1500' FNL & 1775' FEL Sec 20 T31N R 11W

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OR NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Deepen

☐ Production (Start/Resume)

☐ Water shut-Off

☐ Alter Casing

☐ Fracture Treat

☐ Reclamation

☐ Well Integrity

☐ Casing Repair

☐ New Construction

☐ Recomplete

☐ Change Plans

☐ Plug and Abandon

☐ Water Disposal

☐ Convert to Injection

☐ Plug Back

Other

Downhole Commingle

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 recomple 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 recomple 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 Basin Dakota & Blanco Mesaverde Pools as per the attached procedure. The Basin Dakota (71599) & the Blanco Mesaverde (72319) Pools are Pre-Approved Pools for Downhole Commingling per NMOCD 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 Mesaverde since the Dakota has not produced since 1994. That production shall serve as a base for production subtracted from the total production or the commingled Mesaverde. Commingling Production Downhole in the subject well from the proposed Pools with not reduce the value of the total remaining production.

14. I hereby certify that the foregoing is true and correct
Name (Printed/typed)

Mary Corley

Title **Senior Regulatory Analyst**

Signature

Date **04/19/2002**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Jim Lovato

Title

JUN 2001

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.

Mudge B 13
Downhole commingle Dakota and Mesa Verde.

PROCEDURE:

1. Check anchors. Check and record tubing, casing, and Bradenhead pressures. Tag and flag valves and bleed flow line pressure to zero. MIRU workover rig.
2. Blow down wellhead. *If necessary, kill with 2% KCl water.*
3. ND wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 500 psi.
4. Tally OH with short string of tubing (1-1/4", 2.4#, J-55 @ 5108') and visually inspect for potential hole and scale.
5. Tally OH with long string of tubing (2-1/16", 2.6#, J-55 @ 7248') and visually inspect for potential hole and scale.

Contingency: If tubing is in poor condition, replace as necessary.

Contingency: If scale is detected on the tubing, consult engineer about acidizing the well.

6. Pull or retrieve packer @ 5148'.
7. Cleanout fill to PBTD at 7320'.
8. Rabbit tubing and RIH with 2-1/16" production tubing with a muleshoe, F-nipple, and plug on bottom. Fill tubing with 2% KCl while RIH and periodically pressure test to 500 psi. Replace any joints that fail pressure test.
9. Land 2-1/16" production tubing @ +/- 7248'.
10. Swab water from the tubing using the sandline. RU slickline and run gauge ring for 2-1/16" tubing. Pull plug, then RD slickline unit. Clean out to PBTD. Flow to cleanup tank.
11. ND BOPs. NU WH. Notify pumper that well is ready to be returned to production. Swab in well with sandline and flow well for several hours on a choke to ensure well is unloaded and ready to produce before turning over to pumper to return to production.

WUDGE B13 FUTURE PRODUCTION DECLINE ESTIMATE (MONTHLY 3.04%)

$\ln(Q_f/Q_i) = -dt$
 $Q_i = 82 \text{ MCFD (07/2001)}$
 $Q_f = 72 \text{ MCFD (12/2001)}$
 $t = 5 \text{ months (.41666 yrs)}$
 $d = 0.32 \text{ annual decline}$
 $0.027 \text{ monthly decline (0.32/12)}$

Corrected Volumes
 $72/82 = .87805$
 $.87805 * .41666 = .36885$
 $.36885/12 = .03048$
Monthly Decline 3.04%

Month	Gas Volume
Jan-2001	83
Feb-2001	84
Mar-2001	78
Apr-2001	76
May-2001	84
Jun-2001	66
Jul-2001	82
Aug-2001	90
Sep-2001	87
Oct-2001	82
Nov-2001	81
Dec-2001	72
Jan-2002	73
Feb-2002	69
Mar-2002	66
Apr-2002	64
May-2002	62
Jun-2002	60
Jul-2002	58
Aug-2002	57
Sep-2002	55
Oct-2002	53
Nov-2002	52
Dec-2002	50
Jan-2003	49
Feb-2003	47
Mar-2003	46
Apr-2003	44
May-2003	43
Jun-2003	42
Jul-2003	41
Aug-2003	39
Sep-2003	38
Oct-2003	37
Nov-2003	36
Dec-2003	35

Month	Gas Volume
Jan-2004	34
Feb-2004	33
Mar-2004	32
Apr-2004	31
May-2004	31
Jun-2004	30
Jul-2004	29
Aug-2004	28
Sep-2004	27
Oct-2004	27
Nov-2004	26
Dec-2004	25
Jan-2005	25
Feb-2005	24
Mar-2005	23
Apr-2005	23
May-2005	22
Jun-2005	21
Jul-2005	21
Aug-2005	20
Sep-2005	20
Oct-2005	19
Nov-2005	19
Dec-2005	18
Jan-2006	18
Feb-2006	17
Mar-2006	17
Apr-2006	16
May-2006	16
Jun-2006	15
Jul-2006	15
Aug-2006	15
Sep-2006	14
Oct-2006	14
Nov-2006	14
Dec-2006	13

Month	Gas Volume
Jan-2007	13
Feb-2007	13
Mar-2007	13
Apr-2007	13
May-2007	13
Jun-2007	13
Jul-2007	13
Aug-2007	13
Sep-2007	13
Oct-2007	13
Nov-2007	13
Dec-2007	13
Jan-2008	13
Feb-2008	13
Mar-2008	12
Apr-2008	12
May-2008	12
Jun-2008	12
Jul-2008	12
Aug-2008	12
Sep-2008	12
Oct-2008	12
Nov-2008	12
Dec-2008	12
Jan-2009	12
Feb-2009	12
Mar-2009	12
Apr-2009	12
May-2009	12
Jun-2009	12
Jul-2009	12
Aug-2009	12
Sep-2009	12
Oct-2009	12
Nov-2009	12
Dec-2009	12

DAKOTA

Gas Volume	Month	Gas Volume	Month	Gas Volume	Month	Gas Volume	Month	Gas Volume	Month
8	Jan-2022	7	Jan-2025	6	Jan-2028	5	Jan-2031		Jan-2031
8	Feb-2022	7	Feb-2025	6	Feb-2028	5	Feb-2031		Feb-2031
8	Mar-2022	7	Mar-2025	6	Mar-2028	5	Mar-2031		Mar-2031
8	Apr-2022	7	Apr-2025	6	Apr-2028	5	Apr-2031		Apr-2031
8	May-2022	7	May-2025	6	May-2028	5	May-2031		May-2031
8	Jun-2022	7	Jun-2025	6	Jun-2028	5	Jun-2031		Jun-2031
8	Jul-2022	7	Jul-2025	6	Jul-2028	5	Jul-2031		Jul-2031
8	Aug-2022	7	Aug-2025	6	Aug-2028	5	Aug-2031		Aug-2031
8	Sep-2022	7	Sep-2025	6	Sep-2028	5	Sep-2031		Sep-2031
8	Oct-2022	7	Oct-2025	5	Oct-2028	5	Oct-2031		Oct-2031
8	Nov-2022	7	Nov-2025	5	Nov-2028	5	Nov-2031		Nov-2031
8	Dec-2022	6	Dec-2025	5	Dec-2028	5	Dec-2031		Dec-2031
8	Jan-2023	6	Jan-2026	5	Jan-2029	5	Jan-2032		Jan-2032
8	Feb-2023	6	Feb-2026	5	Feb-2029	4	Feb-2032		Feb-2032
8	Mar-2023	6	Mar-2026	5	Mar-2029	4	Mar-2032		Mar-2032
8	Apr-2023	6	Apr-2026	5	Apr-2029	4	Apr-2032		Apr-2032
8	May-2023	6	May-2026	5	May-2029	4	May-2032		May-2032
8	Jun-2023	6	Jun-2026	5	Jun-2029	4	Jun-2032		Jun-2032
8	Jul-2023	6	Jul-2026	5	Jul-2029	4	Jul-2032		Jul-2032
7	Aug-2023	6	Aug-2026	5	Aug-2029	4	Aug-2032		Aug-2032
7	Sep-2023	6	Sep-2026	5	Sep-2029	4	Sep-2032		Sep-2032
7	Oct-2023	6	Oct-2026	5	Oct-2029	4	Oct-2032		Oct-2032
7	Nov-2023	6	Nov-2026	5	Nov-2029	4	Nov-2032		Nov-2032
7	Dec-2023	6	Dec-2026	5	Dec-2029	4	Dec-2032		Dec-2032
7	Jan-2024	6	Jan-2027	5	Jan-2030	4	Jan-2033		Jan-2033
7	Feb-2024	6	Feb-2027	5	Feb-2030	4	Feb-2033		Feb-2033
7	Mar-2024	6	Mar-2027	5	Mar-2030	4	Mar-2033		Mar-2033
7	Apr-2024	6	Apr-2027	5	Apr-2030	4	Apr-2033		Apr-2033
7	May-2024	6	May-2027	5	May-2030	4	May-2033		May-2033
7	Jun-2024	6	Jun-2027	5	Jun-2030	4	Jun-2033		Jun-2033
7	Jul-2024	6	Jul-2027	5	Jul-2030	4	Jul-2033		Jul-2033
7	Aug-2024	6	Aug-2027	5	Aug-2030	4	Aug-2033		Aug-2033
7	Sep-2024	6	Sep-2027	5	Sep-2030	4	Sep-2033		Sep-2033
7	Oct-2024	6	Oct-2027	5	Oct-2030	4	Oct-2033		Oct-2033
7	Nov-2024	6	Nov-2027	5	Nov-2030	4	Nov-2033		Nov-2033
7	Dec-2024	6	Dec-2027	5	Dec-2030	4	Dec-2033		Dec-2033

[illegible]