

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires July 31, 2010**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.  
NMSF078051

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.  
MUDGE LS 24

2. Name of Operator

BP AMERICA PRODUCTION CO.

Contact: CHERRY HLAVA

E-Mail: hlavacl@bp.com

9. API Well No.

30-045-11187-00-S1

3a. Address

200 ENERGY COURT  
FARMINGTON, NM 87401

3b. Phone No. (include area code)

Ph: 281.366.4081

10. Field and Pool, or Exploratory  
BASIN DAKOTA

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

Sec 33 T32N R11W NENE 0790FNL 0790FEL  
36.946228 N Lat, 107.987808 W Lon

11. County or Parish, and State

SAN JUAN COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 respectfully requests permission to plug the Basin Dakota portion of said well and recompleat into the Basin Mancos. After log is run we will determine where Mancos will be perforated.

Please see attached procedure, wellbore diagrams (current & proposed) & Basin Mancos C-102 plat.

RCVD MAR 29 '12  
OIL CONS. DIV.RECEIVED  
B.L.M.-MAILROOM  
DIST 3  
2012 MAR 28 PM 2:36  
STATE OFFICE  
SANTA FE, NEW MEX*TOC must be 500' Above Intended Top Part*

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #133330 verified by the BLM Well Information System For BP AMERICA PRODUCTION CO., sent to the Farmington Committed to AFMSS for processing by STEVE MASON on 03/21/2012 (12SXM0137SE)	
Name (Printed/Typed) CHERRY HLAVA	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 03/19/2012

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By STEPHEN MASON	Title PETROLEUM ENGINEER	Date 03/21/2012
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 Farmington

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

NMOCDA

**District I**

1625 N. French Dr., Hobbs, NM 88240

**District II**

1301 W. Grand Avenue, 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 & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102

Revised July 16, 2010

Submit one copy to appropriate  
District Office

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number <b>30-045-11187</b>	<sup>2</sup> Pool Code <b>97232</b>	<sup>3</sup> Pool Name <b>Basin Mancos</b>
<sup>4</sup> Property Code <b>000911</b>	<sup>5</sup> Property Name <b>Mudge LS</b>	<sup>6</sup> Well Number <b>24</b>
<sup>7</sup> OGRID No. <b>000778</b>	<sup>8</sup> Operator Name <b>BP America Production Company</b>	<sup>9</sup> Elevation <b>6152'</b>

<sup>10</sup> Surface Location

UL or lot no. <b>A</b>	Section <b>33</b>	Township <b>32N</b>	Range <b>11W</b>	Lot Idn	Feet from the <b>790</b>	North/South line <b>North</b>	Feet from the <b>790</b>	East/West line <b>East</b>	County <b>San Juan</b>
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres <b>320</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

<sup>16</sup> 	<sup>17</sup> <b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division <i>Cherry Hlava</i> 03/19/2012 Signature Date Cherry Hlava Printed Name Hlavacl@bp.com E-mail Address	
	<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> 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.	
	Date of Survey Signature and Seal of Professional Surveyor: Previously Filed Certificate Number	
	RECEIVED B.L.M.-MAIL ROOM 2012 MAR 28 PM 2:36 STATE OFFICE SANTA FE, NEW MEXICO	

Mudge Ls-24  
DK  
3004511187  
Sec 33, T32N, R11W  
San Juan, NM

1. MIRU
2. Install barriers
3. ND wellhead/NU BOPE
4. Test BOPE
5. Pull barriers
6. Pull Production tubing
7. Run bit and scraper
8. Run mill if necessary
9. Set CIBP/Cement Retainer @ 7300'
  - a. Dakota Perfs @ 7324'-7514'
10. Spot 100' of cement on top of CIBP fr. 7200'-7300'
  - a. Cement: Type III neat, 14.6 ppg, 1.36 cu.ft./sk
11. Continue to recomplete to Mancos
12. MIT casing (pressure to be determined, we may frac down a frac string)
13. Shoot 1st stage perfs
14. Perform injection test
15. ND BOPE
16. NU Frac stack
17. RDMO
18. Frac 1st stage
19. Set CIBP or spot sand/cement plug
20. Shoot 2nd stage perfs
21. Frac 2nd stage
22. Set CIBP or spot sand/cement plug
23. Shoot 3rd stage perfs
24. Frac Third stage
25. MIRU
26. RIH with mill and mill up all plugs to new PBTD (7200')
27. Run production tubing and land 50' above top perforation in order to run production logs.
28. Run production logs

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SANTA FE, NEW MEXICO

Current WBD:



Mudge Ls 24  
DK  
3004511187  
Sec 33, T32N, R11W  
San Juan, NM

**Well History**

spud 8/28/1960

5/19/1995 - Pressure the test the casing Pump CO2 mix with 2% KCl to perform a runn frac on DK cleanout the casing and re-land the tubing

10/26/2006 - Re-perforate and re-frac the DK Cleanout the casing

4/16/2007- csg pressure 600 psi. Cleanout hard filled with bit

3/9/2011 - Sluckline tag filled at 7515' Tight spot in the tubing at 2330'

**Formation Depth**

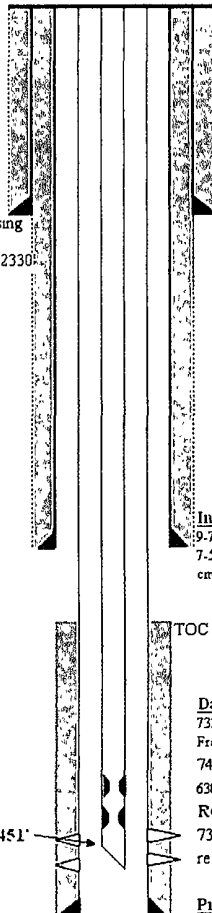
Cliffhouse 4425'

Menefee 4560'

PiLO 4923'

Mancos 5050'

GL 6152'  
KB 11'



**Surface Casing Data 8/28/1960**

15" Hole  
10-3/4" 32 75lb/A, H-40 set at 228'  
cmt w/ 200 sxs. Circulated to surface

**Tubing Details - 10/23/2006 Length feet**

2-3/8" 4 7 lb/t J-55 8rd	31 6
2-3/8" Pup Joint	12 3
2-3/8" 4 7 lb/t J-55 8rd	7390
X-Nipple - 1.875" ID	1
Tubing Sub - 4"	4
F-Nipple - 1 78"-ID	1
Mule Shoe	2

**Intermediate Casing Data 9/4/1960**

9-7/8" Hole  
7-5/8", 26 4lb/A, J-55 set at 2944'  
cmted w/200 sxs + 2% Gel. Float Collar at 2914 55'

TOC @ 4770' per CBL 2006

**Dakota Perforation Data 1977**

7324-7364  
Frac w/ 14500 gals Oil, 6000# sand  
7400-7514  
63000 Gals Oil, 62,500# sand  
Reperforation 11/1/2006  
7382' - 7493' w/ 2 SPF@120 phasing  
re-frac w/ 172962 lbs Prop w/ 60% Q foam

**Production Casing Data 9/13/1977**

6-3/4" Hole  
5-1/2" 17#/ft N-80 landed at 7537'  
cmt w/ 250 sxs of 50/50 POZ max 4% gel Tailed w/ 50sxs

PBTD @7516'  
TD @7537'

2-3/8" 4.7# 8 id set at 7451'

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SANTA FE, NEW MEXICO

Proposed P&A Dakota WBD:



Mudge Ls 24  
DK  
3004511187  
Sec 33, T32N, R11W  
San Juan, NM

Well History

spud 8/28/1960

5/19/1995 - Pressure the test the casing Pump CO2 mix with 2% KCl to perform a mini frac on DK cleanout the casing and re-land the tubing

10/26/2006 - Re-perforate and re-frac the DK. Cleanout the casing

4/16/2007- csg pressure 600 psi. Cleanout hard filled with bit

3/9/2011 - Slickline tag filled at 7515' Tight spot in the tubing at 2330'

Formation Depth

Cliffhouse 4425'

Menefee 4560'

PiLO 4923'

Mancos 5050'

GL 6152'  
KB 11'

Surface Casing Data 8/28/1960

15" Hole

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cmt w/ 200 sxs. Circulated to surface

Intermediate Casing Data 9-4/1960

9-7/8" Hole

7-5/8" 26 4lb/ft, J-55 set at 2944'

cmted w/200 sxs + 2% Gel Float Collar at 2914.55'

TOC @ 4770' per CBL 2006

Dakota Perforation Data 1977

7324-7364

Frac w/ 14500 gals Oil, 6000# sand

7400-7514

63000 Gals Oil, 62,500# sand

Reperforation 11/1/2006

7382' - 7493' w/ 2 SPF@120 phasing

re-frac w/ 172962 lbs Prop w/ 60% Qfoam.

Production Casing Data 9/13/1977

6-3/4" Hole

5-1/2" 17#/ft N-80 landed at 7537'

cmt w/ 250 sxs of 50/50 POZ mix 4% gel. Tailed w/ 50sxs

Cement plug fr. 7200'-7300'

CIBP @ 7300'

PBTD @7516'

TD @7537'

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