

Submit 1-Copy To Appropriate District  
Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised August 1, 2011

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

WELL API NO.

30-045-32979

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

MUDGE LS

8. Well Number

7M

9. OGRID Number

000778

10. Pool name or Wildcat

Basin Dakota/Blanco Mesaverde

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

3. Address of Operator

P.O. Box 3092 Houston, TX 77253-3092

4. Well Location

Unit Letter    E   : 1880    feet from the    North    line and    1065    feet from the    West    line

Section:   23   Township   31N   Range   11W   NMPM County   San Juan County  

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

5787 GL

12. 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 COMPL ☐  
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: Cleanout -Workover ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

RCVD DEC 6 '12

OIL CONS. DIV.

DIST. 3

BP America has performed a cleanout job on the subject well and installed a 2.375 tubing casing at 6802.7 ft on 10/18/2012. Please see the attached daily summary activities and the current wellbore diagram.

Spud Date:

8/21/2005

Rig Release Date:

11/14/2012

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

SIGNATURE

Ranad Abdallah

TITLE: Regulatory Analyst

DATE: 11/28/12

Type or print name Ranad Abdallah

E-mail address: ranad.abdallah@bp.com

PHONE: 281-366-4632

For State Use Only

APPROVED BY:

Monica Trevino

TITLE

Deputy Oil & Gas Inspector,  
District #3

DATE

DEC 07 2012

Conditions of Approval (if any):

IV

Daily Summaries Activities – Mudge LS 7M – API: 30-045-32979

9/10/12- RU/SL, test lube, RN gage ring, tag scale, ST “F” collar stop, st “G” pump-thru pack-off, st 3-slip STP, blow down tubing and observed, RD/SL, secure well.

9/24/12- move rig to location, spot in unit and equipment, Lay 3 in line and blow down well, rig up unit and equipment, nipple down well head, nipple up BOP, shell test BOP

9/25/12-pressure test BOP, pull tbg hanger and 2WC, pull DHB

9/26/12-RIH and Tag fill @ 7140, POOH 11, string parted, 33 KLB initial string WT, 15 KLB final string weight, POOH 144 JTS, 4556 tubing, 2512 of tubing left in the hole, TOF estimated at 4621 ft.

9/27/12-TIH with TBG, lay down tbg, pick up new tbg

9/28/12-space out and latch onto fish, free point and cut tbg, trip out of hole with fish above perfs

10/1/12-Trip out of hole, lay down fish, trip in hole with 1000 ft of tbg, install tbg hanger and H-prep w/2WC nipple down BOP, Nipple up BOP w/ annular, shell test

10/2/12-Pressure test BOP, pull tbg hanger and 2WC, trip out of hole with tail pipe.

10/3/12-change out 4 way valves on accumulator, M/U washover BHA, and trip in hole.

10/4/12-Trip in hole with washover BHA, unload well and circulate clean, trip out of hole above perfs

10/5/12-Trip in hole, establish circulation with air/mist, wash over fish F/6712 ft- T/6890 ft, Trip out of hole

10/8/12-Trip in hole, washed over fish F/ 6868ft- T/ 6912ft, Tbg pressure increased, wasn't able to circulate, trip out of hole to check for plugged float or BHA.

10/9/12-Trip out of hole, check BHA/Float for obstructions, M/U fishing BHA, trip in hole, JAR on fish, trip out of hole.

10/10/12-Trip in hole to top of fish, establish circulation, wash over fish F/ 6911 ft –T/ 7023 ft, circ hole clean, trip out of hole above perfs.

10/11/12-Trip in hole, tag fill @ 6975 ft, wash over fish F/6975 ft –T/ 7040 ft, tried to mill/wash over hard spot @ 7040 ft, Trip out of hole.

10/12/12-TOH, lay down wash pipe, TIH with spear, latch onto fish.

10/15/12-Tbg stuck, try to work free, circ hole clean, TOH, lay down part of wash pipe fish, TIH 1000' and land well.

10/16/12-Pressure test BOP, pull tbg hanger and 2 WC, TOH, TIH w/ D.C., Lay down D.C. load out fishing tools

10/17/12-Trip in hole with production; wait on weather

10/18/12-Run production, land well, nipple down BOP, nipple up wellhead, pressure test tree, pull DHB, rig down. 2.375 tubing landed at 6802.7 ft

11/12/12- Moved on well, RU unit and lubricator, pressure test

11/13/12-Replaced nipple on manifold to straighten lubricator. Made 12 swab runs bringing up sand and grime. Recovered 21 bbls to day and 21 bbls to date.

11/14/12-made 2 swab runs well kicked off. Flowed well 1.5 hours till dry. Shut in well 1 hour. Open well up and flow 30 min. Recovered 5 bbls today and 26 bbls to date. Rig down and move unit

11/15/12-Move on location, perform O2 test w/lease operator verification, handed well back to operations.

bp



**MUDGE LS 007M-MV/DK**  
MV/DK  
300453297900  
Unit E - Sec 23 - T31N - R11W  
San Juan

#### Well History

Spud date: 8/21/2005  
4/13/3006: MV added, gross interval: 5640-5747' & net perf: 30f  
1/3/2012: Slickline operations shows evidence of seal  
9/10/2012: Fished Production string

#### Formation Tops

Formation	Depth
Cliff House Formation	3958
Menefee Formation	4308
Point Lookout Formation	4742
Mancos Formation	5113
Greenhorn Member of the Mancos	6780
Graneros Member-Mancos Fm	6834
Two Wells Member-Dakota Fm	6890
Paguate Member-Dakota Fm	6973
Dakota Formation	6990
Cubero Member-Dakota Fm	7008
Encinal Canyon Member-Dakota	7074

Washed Over Fish to 7040' and started getting metal cuttings back and could not make hole. Washpipe parted pulling out of hole. Attempt to fish got back one piece of fish

#### FISH:

5 joints of 3.75" OD Washpipe; top at 6865 bottom at 7040'  
6 joints of 2.375" OD tubing; top at 6919 bottom at 7140'

TOF @ 6865'

X-Nipple @ 7133'

EOF @ 7140'

GL: 5787'

KB: 5814.5'

#### Surface Casing Data

13.5" Hole  
9-5/8" 32.3# H-40 ST&C @ 233'  
203 sxs and top off to surface

#### Intermediate Casing Data

8.75" Hole  
7" 20# J-55 ST&C landed at 2795  
320 sxs class G

TOC: 3996' CBL

#### Tubing Details

#### Length

2-3/8" 4.7# J-55	6787.25
1.875" 'X' Nipple	1.18
Mule Shoe	2.27
End of Tubing @	6802.7

#### MESA VERDE PERFORATIONS

20K# of 40/70 Badger Sand & 155,505 lbs of 16/30 Brady Sand  
5346-5480

180684# 16/30 Brady Sd and 70% Q foam N2  
5640-5747

#### DAKOTA PERFORATIONS

126940# 20/40 C-lite sd, 65% Qfoam & N2  
6892-6893, 6901-6902, 6909-6910  
6934-6935, 6941-6942, 6948-6949  
6980-6981, 6990-6991, 7000-7001  
7012-7013, 7021-7022, 7029-7030  
7042-7043, 7059-7060, 7067-7068  
7082-7083, 7088-7089, 7097-7098

#### Production Casing Data

6.25" Hole  
4.5" 11.6# P-110 landed at 7180  
360 sxs Class G

PBTB: 7162

Total Depth: 7182