

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 July 18, 2013

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

WELL API NO. 30-045-32979
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
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
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5787'

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
501 Westlake Park Blvd., Three Eldridge Place 12.181A
Houston, TX 77079

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

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input checked="" type="checkbox"/> OTHER: Plug Back Dakota <input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>
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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.

BP America Production Company respectfully requests plug back the Basin Dakota formation in the subject well, then return the well to production producing solely from the Blanco-Mesaverde.

Pressure test casing between MV perfs and plug prior to returning to production

Please see attached Plug Back procedure including wellbore schematics.

Set the CIBP at 6842 or Lower

Spud Date: Rig Release Date:

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

SIGNATURE Toya Colvin TITLE Regulatory Analyst DATE 04/01/2015

Type or print name Toya Colvin E-mail address Toya.Colvin@bp.com PHONE: 281-366-7148

For State Use Only
 APPROVED BY: [Signature] TITLE DEPUTY OIL & GAS INSPECTOR DISTRICT #3 DATE 4-22-15
 Conditions of Approval (if any): AV

OIL CONS. DIV DIST. 3

APR 17 2015

MUDGE LS 007M - MV/DK

MV/DK

30-045-32979-00

Unit E - Sec 23 - T31N - R11W

San Juan

Reason/Background for Job

The proposed work is to plug & abandon the Dakota formation and produce the well efficiently from the Mesa Verde formation.

Currently there is a fish in hole across Dakota. Several attempts were made in 2012 to retrieve the fish, but they were all unsuccessful.

Basic job procedure

1. Set CIBP (or CRBP) @ ± ⁶⁸⁴²6750'
2. Set a 150' cement plug on top of bridge plug
3. Return well to production

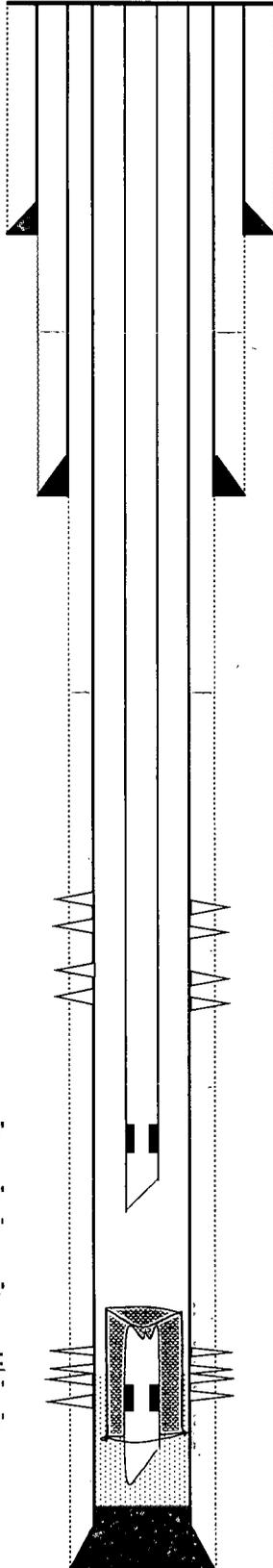
A CBL was run in Sept 2005

**Current
WBD**



GL 5787'
KB 5815'

MUDGE LS 007M - MV/DK
MV/DK
30-045-32979-00
Unit E - Sec 23 - T31N - R11W
San Juan



Surface Casing

13 1/2" hole
9 5/8" 32.3# H40 ST&C @ 233'
203 sxs
top off to surface

Intermediate Casing

8 3/4" hole
7" 20# J55 ST&C @ 2795'
320 sxs G

Tubing String

	Length (ft)
MS 2 3/8", 4.7#, J55	2
X Nipple 2 3/8" / 1 1/8"	1
Tbg 2 3/8", 4.7#, J55, 210 jts	6787

MV Perfs

5346 - 5480'
frac w/ 20K# 40/70 Badger &
156K #s 16/30 Brady
5640 - 5747'
frac w/ 181K # 16/30 Brady
70% Q N2

DK Perfs

6892 - 7098' (gross)
frac w/ 127K # 20/40 C-lite &
65% Q N2

Production Casing

6 1/4" hole
4 1/2" 11.60# P110 @ 7180'
360 sxs G
TOC @ 3996' (CBL)

X Nipple @ 6799'

EOT @ 6803'
Fill @ 6805'

TOF @ 6865'

Fish:

3 3/4" OD Washpipe, 5 jts - 175'; top @ 6865'
2 3/8" tbg, 6 jts - 221'; top @ 6919'

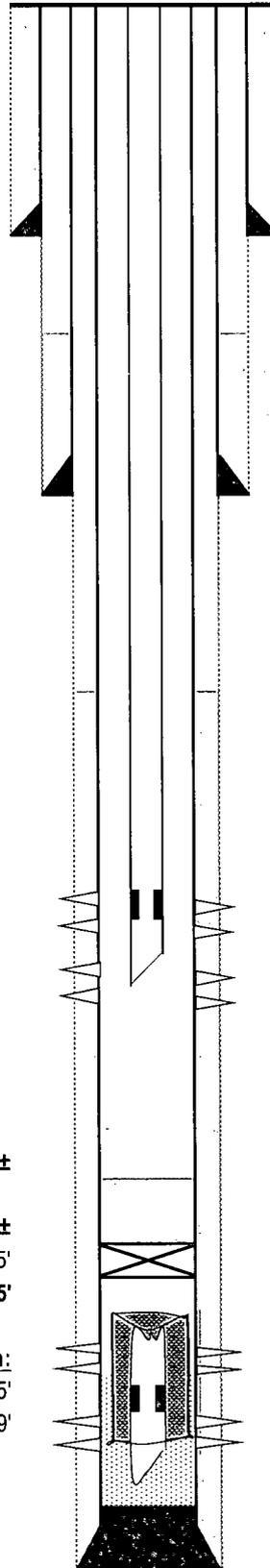
PBTD 7162'
TD 7182'

Proposed WBD



MUDGE LS 007M - MVDK
MVDK
30-045-32979-00
Unit E - Sec 23 - T31N - R11W
San Juan

GL 5787'
KB 5815'



Surface Casing

13 1/2" hole
9 5/8" 32.3# H40 ST&C @ 233'
203 sxs
top off to surface

Intermediate Casing

8 3/4" hole
7" 20# J55 ST&C @ 2795'
320 sxs G

Tubing String

MS 2 3/8", 4.7#, J55, 4' ±
X Nipple 2 3/8" / 1 7/8"
Tbg 2 3/8", 4.7#, J55
add pup jts for spaceout

MV Perfs

5346 - 5480'
frac w/ 20K# 40/70 Badger &
156K #s 16/30 Brady
5640 - 5747'
frac w/ 181K # 16/30 Brady
70% Q N2

DK Perfs

6892 - 7098' (gross)
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TOC @ 3996' (CBL)

TOC @ 6660' ±

CIBP @ 6750' ±

Fill @ 6805'

TOF @ 6865'

Fish:

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PBTD 7162'

TD 7182'