

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. 30-045-07910
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 Gallegos Canyon Unit
8. Well Number 173
9. OGRID Number 000778
10. Pool name or Wildcat Basin Dakota, Basin Fruitland Coal

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- L48

3. Address of Operator  
1515 Arapahoe St, Tower 1 Suite 700  
Denver, CO 80202

4. Well Location

Unit Letter A : 1025 feet from the North line and 905 feet from the East line  
Section 29 Township 29N Range 12W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
5330'

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 ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

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

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.

WMOCD

Please see the attached P&A operations performed on the subject well May 2018.

JUN 07 2018

DISTRICT III

Spud Date:

09/12/1964

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 06/04/2018

Type or print name Toya Colvin E-mail address: Toya.Colvin@bp.com PHONE: 281-892-5369

For State Use Only

Deputy Oil & Gas Inspector,  
District #3

APPROVED BY: Bob Bell TITLE Deputy Oil & Gas Inspector, District #3 DATE 6/28/18

Conditions of Approval (if any):

RV

BP AMERICA  
PRODUCTION  
COMPANY

Name: GCU 173  
API:30-045-07910, 05/25/2018

## Well Plugging Report

### Work Detail

PUX	Activity
05/09/2018	
P	Rode rig & equip to loc
P	JSEA. Spot rig & set on jacks, notify Nathan Deal & Adam Smouse w/BP about moving pump jack. Weatherford will remove PJ in AM. CK PSI; tbg 0, csg 10 psi, BH 150 PSI, secure loc. SDFD
05/10/2018	
X	Weatherford removed Pump Jack w/crane
P	Finish RU rig & Pump Truck, CK PSI; tbg 0, csg 10, BH 150 PSI. RU blow down lines & blow down well, BH blew down immediately, X-O to rods tools
P	Unseat pump. LD rods & tbg.
P	ND WH. NU BOP & F/T. RU floor, PU on tbg. LD hanger, pump 25 bbls in attempt to est. circ out csg, Tbg & csg on vacuum, LD jts 2.375 EUE tbg.
P	PU on tbg, LD hanger & 39 jts. profile nipple & 1-17 M/A
P	Swap out floats
P	Tally & PU 1-new 3 7/8 cone bit. XO 6- 3 1/8 DC's & 36 jts 2 3/8 EUE A Plus workstring. Tag at 1310' w/20' stick up on #36. LD 7 jts. SIW
P	RU flow back line. Secure loc. SDFD
05/11/2018	
P	CK PSI; tbg 10, 4.5 csg 30 psi, BH 0 psi, blow down well, PU 5 jts, LD tongs, PU & RU swivel, PU 1 jt w/swivel & tag at 1310'
P	JSEA w/HI-TECH AIR/FOAM UNIT operator, test lines; 500 psi low; 1400 psi hi. Est circ. to flow back tank & ck for leaks. Start cleaning out to 1350 & D/O 4.5" CIBP. C/O to 1400' & start D/O 2nd CIBP at 1400'. Very little returns with very little torqueing up on swivel, made 8-10"
P	Circ. csg clean, HB swivel, PUH. SIW. Secure well. SDFD
05/14/2018	
P	CK PSI; tbg 0, 4.5 csg 30 psi, BH 5 psi' blow down well; finish POOH. Run in & tag fill at 1392'. Est circ w/air, clean out to 1400' w/air, start D/O CIBP at 1400'. D/O CIBP in 1 hr. chase to 1446'. Tagging real hard, returns of fine metal & some sand.
P	POOH & Change out bit to new 3 7/8 cone bit. RIH, tag fill at 1444'. Clean out to 1446'. Est circ w/air, start drilling at 1446'.
P	POOH & TIH w/saw collar & tag at 1446' & attempt to turn w/ tongs, torqued up, POOH
05/15/2018	
P	CK PSI; tbg 0, 4.5 csg 30 psi, BH 5 psi' blow down well; can hear BH gruggling
P	PU 1 3 7/8 WEATHERFORD junk mill. TIH & tag at 1450', est circ circ. w/Hi Tech air package. Start drilling out, swivel torqueing up w/some returns of old cement, fell thru at 1475'. Air package pressured up to 1100 psi ,tbg jump up 1'. Continue circ. PU 3 jts w/swivel, Hang back swivel

P Tally & PU 152 jts A Plus 2 3/8 workstring. Chase plugs to 4976'

P POOH w/76 stands, LD 6-3 1/8 HI Tech DC's, SIW, RD CNJ blow down line. SDFD

05/16/2018

P CK PSI; no tbg , 4.5 csg 30 psi, BH 12 psi' blow down well; can hear BH gruggling

P RU A Plus W/L; RIH & tag fill at 4560'. Run CBL from 4560' – 1100', send to appropriate agencies

X Wait on OK from NMOCD

P TIH w/158 jts, EOT 4950,

P Pump 20 bbls ahead & est circ. out 4.5 csg. Pumped **Plug #1 (Gallup top) Mix & pump 16sxs w/2% calc (18.4 CF 3.2 bbls slurry 1.15 yield 15-8#) Type G cement from 4950' - 4745'.**

P LD 8 jts. POOH & SIW

P WOC

P TIH & tag TOC at 4715' (ok'd by NMOCD Rep) LD up to 4037'

P OCD (Brandon Powell) approved Plug #2 depth. Load csg w/3 bbls, Pumped **Plug #2 (Mancos top) Mix & pump 18sxs (20.7 CF 3.68 bbls slurry 1.15 yield 15-8#) Type G cement from 4037' - 3806'.**

P LD & PUH. SIW SDFD.

05/17/2018

P CK PSI; tbg 0 , 4.5 csg 16 psi, BH 6 psi' blow down well; TIH & tag at 3883' OK'd by NMOCD rep. on loc.

P LD tbg up to 2994', Est circ out csg w/4.5 bbls, Pumped **Plug #3 (MV & Chacra top) Mix & pump 41sxs w/2% calc (47.15 CF 8.39 bbls slurry 1.15 yield 15-8#) Type G cement from 2994' - 2468'.**

P LD 17 jts PUH above perfs. SIW

P WOC.

P TIH & tag TOC at 2452'. LD tbg & plugging sub.

P TIH w/ 4.5" CR set @ 1140'. PT tbg to 1000 psi. Sting out, circ. csg clean w/24 bbls, PT 4.5" csg to 800 psi. Test – OK. POOH

P JSEA, Run CBL from 1140' to surface, send to appropriate agencies, (Monica Kuehling approved Plug #4)

P TIH w/ tbg. Load csg w/1 bbl. Pumped **Plug #4 (PC & Fruitland tops) Mix & pump 28sxs (32.2 CF 5.7 bbls slurry 1.15 yield 15-8#) Type G cement from 1140' - 780'.**

P LD all tbg. SIW. SDFD

05/18/2018

P CK PSI; no tbg , 4.5 csg 0 psi, BH 0 psi' BH on light vac. NMOCD requested perf @ 350', unable to establish rate and spot inside plug from 474' – 60'. Perf @ 50'.

P JSEA. Perf at 350' w/3 3-1/8 HSC, attempt to est rate, pressured up to 800 psi, unable to est rate.

P TIH TO 474'. Pumped **Plug #5 (Ojo Alamo/Kirtland top) Mix & pump 33sxs (37.95 CF 6.75 bbls slurry 1.15 yield 15-8#) Type G cement from 474' - 50'.** LD tbg up to 60' & circ clean. LD tbg

X JSEA. Perf at 50' w/3 3 1/8 HSC & est circ out BH.

P RD tongs, floor & BOP, NU WH

X Pumped **Plug #6 (Surface) Mix & pump 21sxs (24.15 CF 4.30 bbls slurry 1.15 yield 15-8#) Type G cement from 50' - Surface.** Circ. good cement out BH & SIW w/300 psi

P RD PT & rig

P Dig out WH. Had to dig down close to 4' due to spool & wooden cellar, (will cut off on Monday 5-21-18 in AM, will notify Thomas Vermersch w/NMOCD)

P Rode rig & equip. back to A Plus yard

05/21/2018

P HSM on the JSA. Secure location. Write and perform hot work permit. Check PSI on the well, CSG - 0 PSI, BH - 5 PSI, and 58% LEL.

P Perform 1 hour shut in per Thomas Vermersch with NMOCD. BH built up to 3 PSI. Remove the B-1 and found cement through the TBG hanger. Reinstall the B-1 adapter.

P PU tools. SDFD.

05/24/2018

P HSM on the JSA, write & perform hot work permit. Cut off the WH, CMT at surface in both. Weld on the DHM.

\* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions

### On Site Reps:

Name	Association	Notes
JONATHON KELLY	NMOCD	CK ON PROGRESS
THOMAS VERMERSCH	NMOCD	ON LOC.

**GCU #173**  
**Plugged WBD**

Basin Fruitland Coal / Basin Dakota  
UL – A, 1025' FNL & 905' FEL, Sec. 29, T29N, R12W  
San Juan County, NM / API # 30-045-07910

Elevation: 5330' GL

Surface Csg: 8 5/8", 24# set @  
369'  
Cmt w/ 200sxs

Plug #6: Mix & pump 21sxs Type  
G cmt from 50' – Surface  
Perf holes @ 50'

Plug #5: Mix & pump 33sxs Type  
G cmt from 474' – 50'  
Perf holes @ 350'

Plug #4: Mix & pump 28sxs Type G cmt  
from 1140' – 780'  
CR @ 1140'

Plug #3: Mix & pump 41sxs Type G cmt  
from 2994' – 2468'  
Tag TOC @ 2452'

Plug #2: Mix & pump 18sxs Type G cmt  
from 4037' – 3806'  
Tag TOC @ 3883'

Plug #1: Mix & pump 16sxs Type G  
cmt from 4950' – 4745'  
Tag TOC @ 4715'

Prod Csg 4-1/2", 10.5# @ 5948'.  
Cmt w/ 1000sxs

(7-7/8" hole)

PBTD @ 5912'  
TD @ 5950'

