

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. 30-045-24248
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 307
9. OGRID Number
10. Pool name or Wildcat
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5583

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 SWD
2. Name of Operator
BP America Production Company
3. Address of Operator
200 Energy Court Farmington, NM 87401

4. Well Location
Unit Letter L : 1455 feet from the South line and 510 feet from the West line
Section 30 Township 29N Range 12W NMPM San Juan County

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 ☐

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.

See attached procedure

Notify NMOCD 24 hrs
prior to beginning
operations

* The packer cannot be set above 2685'
* If casing integrity has failed notify the OCO prior to performing work to repair the casing.

RCVD JAN 23 '12

OIL CONS. DIV.

DIST. 3

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

Buddy Shaw

TITLE

FEA

DATE

1-23-12

Type or print name

Buddy Shaw

E-mail address:

buddy.shaw@

PHONE:

320-0401

For State Use Only

APPROVED BY:

Brandon Powell

TITLE

Deputy Oil & Gas Inspector,
District #3

DATE

1-24-11

Conditions of Approval (if any):

A



BP - San Juan Wellwork Procedure

GCU 307 SWD
30-045-24286

24248

Unit N Sect 30 T29N R 12 W
2015' FSL, 830 FWL
San Juan, NM
Mesa Verde Formation
Lease Number: SF-080723

Basic Job Procedure:

1. MIRU service unit
2. Test tubing for holes. (Do not broach tubing because it is internally plastic coated and potential damage to coating may occur).
 - a. If test indicates a hole in tubing, change out tubing string. Ensure tubing string that is run is internally plastic coated.
3. Pull tubing string and packer, lay down any bad joints. If many joints are bad, replace entire string
4. Inspect packer for damage, if any damage is seen, replace packer
5. Test casing integrity.
 - a. If casing test fails determine location of leak and injection rate.
 - b. Repair casing as required
6. Perform a scraper run to clear walls of casing to ensure packer will set
7. Install tubing string with new packer, if required. Ensure tubing string that is run is internally plastic coated.
8. Reland tubing on packer @ +/- 2675'
9. RD/MO service unit

Current Wellbore Diagram

bp



Gallegos Canyon Unit 307

Mesaverde - Water Injection

API # 30-045-24248

Sec 30 T-29-N, R-12-W

San Juan County, New Mexico

Well History

April 1980: Drilled well as a dual completion.

9/15/81: Pulled dual strings. Set Model D pkr w/ flapper

valve at 2928'. Added MV perms 2785-2830'

and 2845-2886'. BD w/ 3000 gals 7.5% acid.

Ran dual strings.

5/2/2000: Inj. Pressure went from 1000 psi to 0 psi @

average inj. Rate of 250 bwpd

5/16/00: POOH w/ 2 1/16" short string. Jt. #36 had rodwear

hole. TIH w/ 1.5" tbg. Tag fill at 1289'.

5/24/2000: CO to 2677' w/ air. Pull 2 3/8" string. Jt. #39 had hole.

Ran new plastic coated tubing. Set Loo-set prk. @ 2699'.

Set plug in F-Nipple. Test tubing to 2000psi w/ air. Land

short-string at 1262'. Run pump and rods.

11/15/02: Pull tubing and inspect. Replace 1jt. Damaged tbg.

All other, good. Reset pkr @ 2695'.

10/24/06: Flowed well to tank. TOH w/ rods.

Pulled tubing. Tagged 125' fill above packer. Cleaned out

and pulled packer and tubing. Pumped 25 bbls Class G

to shut off PC Perfs. Drilled out cmt. Cleaned out to

2928' (hard scale). Drilled on an old Model D pkr and tried to

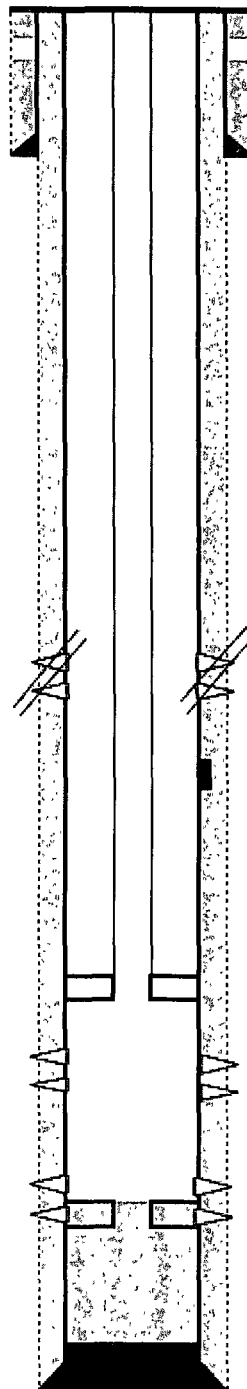
push to bottom. Pushed to 3000'. Pumped Xylene and

acid. Ran production string of 86 jts IPC tubing on packer.

Formation Tops

Fruitland	947
Pictured Cliff	1228
Lewis	1416
Cliffhouse	2750
Menefee	2899
Point Looko	3681
Mancos	3986

End of Packer tailpipe @ 3185

Ground Elevation 5415
KB + 14'

13-3/4" hole

9 5/8", 32.3# H-40 @ 236'

Cmt w/ 275 sx CIB w/ 2% CaCl2 and 1/4# lsk celloflake/sk
no returns, cmt from top w/ 25 sx CIB

Tubing Details

TUBING HANGER 7.027"

TUBING JOINTS 2.375" 4.7

(Internally Plastic Coated)

ON-OFF TOOL 2.375" J55

(2 3/8" X 5 1/2" PL)

PROFILE NIPPLE 2.375"

PACKER 6.413"

(Baker Lockset)

Length

1

2660.65

1.1

0.93

4.47

Pictured Cliffs Perforations

1246-1254' w/ 1 JSPF

Squeezed off 2006

Deviation Survey

Depth	Deg
241'	0.5
1319	0.5
1873	0.5
2448	0.75
3,083	0.5
3,769	0.5
4,023	1

DV Tool @ 1480'

Baker Lok-Set packer @ 2677.7'

Mesa Verde Perforations

2785-2830

2845-2886

Mesaverde Perforations

2952-2958 2970-2978

3004-3014 3130-3042

3188-3194 3228-3252

3260-3280 3372-3386

3480-3500

All w/ 2 JSPF

8-3/4" hole

7", 20# & 23# K-55 @ 4013'

Stg 1: 740 sx 50/50 poz w/ 2% gel and 1/4# Flocele/sk good returns

Stg 2: 500 sx 50/50 poz w/ 2% gel and 1/4# Flocele/sk good cement returns

TD: 4023'