

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. <b>30-045-24169</b>
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 <b>Gallegos Canyon Unit</b>
8. Well Number <b>173E</b>
9. OGRID Number <b>000778</b>
10. Pool name or Wildcat <b>Basin Mancos</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>5303'</b>

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**

4. Well Location  
Unit Letter **E** : **1925'** feet from the **North** line and **635'** feet from the **West** line  
Section **29** 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 ☐

SUBSEQUENT REPORT OF:

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

OTHER: ☐

OTHER: ☒ **Plug and Abandon**

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

Due to casing integrity, BP America was unsuccessful in trying to recomplete the subject well in the Basin Mancos. Therefore, the contingency plan to plug and abandon the well was executed and completed on 7/31/2012. Please see the attached document of a summary of the plugging operations.

**PNR ONLY- Approved for plugging of wellbore only. Liability under bond is retained pending. Receipt of C-103 subsequent report of plugging.**

RCVD AUG 9 '12  
OIL CONS. DIV.  
DIST. 3

Spud Date: **4/8/1980**

Rig Release Date:

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 06/05/2012

Type or print name Ranad Abdallah E-mail address: Ranad.Abdallah@bp.com PHONE: 281-366-4632  
For State Use Only

APPROVED BY: [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE 8/20/12  
Conditions of Approval (if any):

Ar

**Plug and Abandonment Operational Details**  
**Gallegos Canyon Unit 173E API: 30-045-24169**

7/20/2012-TIH/OPN end tbg, spot in & RU/BJ CMT EQPT, Test pumps and lines, pressure tested cementing pump and lines to 250 psi low side for 5 minutes, then tested high side to 2000 psi, also for 5 minutes. Good tests. Released pressure, LD and circ hole, spot cement plug, TOOH/Lay down tubing, Rev Tubing, place 2 stds, secure well for weekend.

**Plug #1 (4415-5315 ft)** mixed and pumped 63 sacks of type III cement with 0.4% BWOC R-3 Retarder. Slurry weight of 14.6 ppg, yield of 1.37 cu ft per sack, and water requirements of 6.62 gallons per sack. Pumped total of 15.2 barrels of slurry with a maximum discharge pressure of 400 psi. Maintained good returns while mixing and pumping cement. Finished pumping slurry and switched to fresh water displacement. Pumped total of 14.9 barrels of displacement then shut down pumps.

7/23/12-Prime up cement pump truck. TIH and tag cement at 4423'. EOT at 4418'. Rig up cement pump lines to rig floor and tie lines into tubing string to cement. Pressure test baker cement lines to 250# low and 2000# high. Trip out of the hole and lay down 28 joints of tubing. EOT at 3507'. Reverse circulate tubing clean with 18 bbls of water. Returned 1.0 bbl of cement to pit.

**Plug #2 (3510-4423 ft)** weight up tub to 14.6# cement. pump 15.2 bbls of cement. displace with 11.5 bbls of water. RD cement lines from tubing. With EOT at 3507'. Weight up tub to 14.6# cement and pump 14 bbls of cement. displace with 9.8 bbls of water. (1.37 yield, 121sks total) TOH and lay down 24 joints of 2.375" tbg. EOT at 2696. Reverse circulate tubing clean with 15 bbls of water. Circulated 2.0 bbls cement to pit. Wash up pump and lines. Secure well and location.

7/24/12-waiting on cementers

7/25/12-Pressure test cement lines to 250#low and 2000# high. TIH and tag top of cement at 2698'.

**Plug # 3- (2092-2698 ft)** Pump 6 bbls of water to establish circulation pump an additional 4 bbls of water. Weight up tub to 14.6#/gal cement. Pump 10.2 bbls of 14.6# cement (1.37 yield, 42 sacks) displace with 6.6 bbls of water. TOH and LD 28 joints of 2.375" tubing. Reverse circulate tubing clean with 25 bbls of water. Circulate 1 bbl of cement to pit. TOH and LD 18 joints of 2.375" tubing. Wash up cement pump and lines. TOH with all of the remaining tubing. 24 stands of tubing. Secure well and location.

7/26/12- Rig up Weatherford e-line lubricator to frac valve. Pressure test e-line lubricator to 250# low and 2500# high for 5 minutes each. Lubricator tested fine. Make up squeeze guns. RIH and tag cement at 2060'. Perforate squeeze holes at 1400'-1403' and 1240'-1243'. POH and RD Weatherford. ND frac valve. Make up cement retainer on tubing. TIH with 21 stands of tubing to 1325'. Cement retainer is a

Weatherford/bolt cast iron cement retainer, id is 0.75", OD is 3 5/8", length is 3.24'. Held BOOP/evacuation drill. Completed drill in 43 seconds. Secure well and location.

**7/27/12-** Set cement retainer at 1325'. Circulate wellbore clean with 10 bbls of water.

**Squeeze Plug #4 (1165-1400ft)-** Weight up tub to 14.6# cement. (1.37 yield, 77sks) pump 18.8 bbls of cement and displace with 5.1 bbls of water. Reverse circulate tubing clean with 20 bbls of water. Return 9 bbls of cement to pit. Pump 3 bbls of water ahead of cement. Weight up tub and pump 4.2 bbls of 14.6# cement. Displace with 4.1 bbls of water. TOH and lay down 6 joints of 2.375" tubing. Reverse circulate tubing clean with 10 bbls of water. Return 5 bbls of cement to pit. TOH and lay down 6 joints of tubing. toh and stand back remaining tubing. 18 stands of tubing in the derrick. Wait on cement to harden. Cement thickening time is 3.75 hours. WOC time started at 10:30. TIH and tag cement at 1160'. TIH with 18 stands to tag.

**7/30/12-**Pressure test cement lines to 250# low and 2000# high for 5 minutes each. All components tested fine. Circulate 3 bbls of water. Resting back into retainer and attempt to circulate. Unable to circulate. Pressure jumped to 1200# instantly. Unsting out of cement retainer. Cement retainer is a Weatherford/bolt retainer. 4.05' long, OD of 3.75" and an ID of 1.0". Per instructions from WIE and NMOCD weight up tub to 14.6# cement. Pump 4.5 bbls of cement on top of the retainer. Displace with 3.0 bbls of fluid

**Squeeze Plug #5 (820-1104ft) -** RD cement lines from tubing string. TOH and lay down 9 joints of 2.375" tubing. EOT at 820'. Trip out of the hole and lay down 14 joints of 2.375" tubing. Wait on cement to harden. Trip in the hole and tag cement at 994'. Pump another 4.6 bbls of cmt (1.37 yield, 19 sks). RU cementers. Pump 3 bbls of fluid. Could not establish any type of circulation.. Pressured up immediately. TOH with 5 joints of tubing and a 10' pup joint. EOT at 820'. Establish circulation at 820' at 2.5 bbls/min at 145# psi. TOH with all 13 stands of tbgr. Secure well and location.

**7/31/2012** -load casing with BJ pump truck. Pressure test cement lines to 250# low and 1000# high. Pressure test casing to 600# for 15 minutes. Pressured up to 630# psi after loading and bleeding off air through BJ stack. Repressured up to 630# and shut down. observed pressure for 15 minutes. Pressure fell to 260# in that time and was still falling. Trip in the hole and tag solid cement at 857'. LD 1 joint and placed EOT at 820'. Pick and TIH with a 10' pup joint putting the EOT at 820'. Establish circulation with 3 bbls of fresh water.

**Plug # 6- (surface to 857ft) -**Weight up tub to 14.6#/gal cement. Pump 12 bbls cement (1.37 yield, 55 sks) from 857 to surface. Return 1 bbl of good cement. Displace with 1.5 bbls of water.

TOH and lay down 26 joints of tubing on tubing float. Rig down tongs, stripper head, and equipment and rig floor. Nipple down bop stack and wash up bop stack. Dig bell hole to cut off wellhead. Spot in welder. Cut off wellhead with the air saw. RD 3" flowlines and pump and pit. Top off with 4.0 bbls cmt. Install dry hole marker.