

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Department  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-144  
Revised June 6, 2013

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.  
For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Below-Grade Tank, or

12726 Proposed Alternative Method Permit or Closure Plan Application

Type of action: ☐ Below grade tank registration  
☐ Permit of a pit or proposed alternative method  
☒ Closure of a pit, below-grade tank, or proposed alternative method  
☐ Modification to an existing permit/or registration  
☐ Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method

**Instructions:** Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.  
Operator: BP America Production Company OGRID #: 778  
Address: 200 Energy Court, Farmington, NM 87401  
Facility or well name: Blanco LS 16  
API Number: 3004511746 OCD Permit Number:  
U/L or Qtr/Qtr D Section 36 Township 28N Range 8W County: San Juan  
Center of Proposed Design: Latitude 36.62255 Longitude -107.63848 NAD: ☐ 1927 ☒ 1983  
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.  
☐ **Pit:** Subsection F, G or J of 19.15.17.11 NMAC  
Temporary: ☐ Drilling ☐ Workover  
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management Low Chloride Drilling Fluid ☐ yes ☐ no  
☐ Lined ☐ Unlined Liner type: Thickness mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other  
☐ String-Reinforced  
Liner Seams: ☐ Welded ☐ Factory ☐ Other Volume: bbl Dimensions: L x W x D

3.  
☒ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC Tank A  
Volume: 45.0 bbl Type of fluid: Produced water  
Tank Construction material: Steel  
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off  
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☒ Other Double walled/double bottomed; side walls not visible  
Liner type: Thickness mil ☐ HDPE ☐ PVC ☐ Other

4.  
☐ **Alternative Method:**  
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5.

**Fencing:** Subsection D of 19.15.17.11 NMAC (*Applies to permanent pits, temporary pits, and below-grade tanks*)

- ☐ Chain link, six feet in height, two strands of barbed wire at top (*Required if located within 1000 feet of a permanent residence, school, hospital, institution or church*)
- ☐ Four foot height, four strands of barbed wire evenly spaced between one and four feet
- ☐ Alternate. Please specify \_\_\_\_\_

6.

**Netting:** Subsection E of 19.15.17.11 NMAC (*Applies to permanent pits and permanent open top tanks*)

- ☐ Screen ☐ Netting ☐ Other \_\_\_\_\_
- ☐ Monthly inspections (If netting or screening is not physically feasible)

7.

**Signs:** Subsection C of 19.15.17.11 NMAC

- ☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers
- ☐ Signed in compliance with 19.15.16.8 NMAC

8.

**Variances and Exceptions:**

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

***Please check a box if one or more of the following is requested, if not leave blank:***

- ☐ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.
- ☐ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

9.

**Siting Criteria (regarding permitting):** 19.15.17.10 NMAC

***Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Siting criteria does not apply to drying pads or above-grade tanks.***

**General siting**

**Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank.**

- ☐ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☐ Data obtained from nearby wells

☐ Yes ☐ No  
☐ NA

**Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit.**

NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

☐ Yes ☐ No  
☐ NA

Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. (**Does not apply to below grade tanks**)

- Written confirmation or verification from the municipality; Written approval obtained from the municipality

☐ Yes ☐ No

Within the area overlying a subsurface mine. (**Does not apply to below grade tanks**)

- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

☐ Yes ☐ No

Within an unstable area. (**Does not apply to below grade tanks**)

- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map

☐ Yes ☐ No

Within a 100-year floodplain. (**Does not apply to below grade tanks**)

- FEMA map

☐ Yes ☐ No

**Below Grade Tanks**

Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

**Temporary Pit using Low Chloride Drilling Fluid** (maximum chloride content 15,000 mg/liter)

Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.)

- Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No



Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

☐ Yes ☐ No

Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application.

NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 100 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

### **Temporary Pit Non-low chloride drilling fluid**

Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

☐ Yes ☐ No

Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application;

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 300 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

### **Permanent Pit or Multi-Well Fluid Management Pit**

Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

☐ Yes ☐ No

Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 500 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

10.

#### **Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist:** Subsection B of 19.15.17.9 NMAC

**Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- ☐ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_ or Permit Number: \_\_\_\_\_

11.

#### **Multi-Well Fluid Management Pit Checklist:** Subsection B of 19.15.17.9 NMAC

**Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ A List of wells with approved application for permit to drill associated with the pit.
- ☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
- ☐ Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

☐ Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_ or Permit Number: \_\_\_\_\_

12.

**Permanent Pits Permit Application Checklist:** Subsection B of 19.15.17.9 NMAC*Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.*

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC  
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC  
☐ Climatological Factors Assessment  
☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC  
☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC  
☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC  
☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC  
☐ Quality Control/Quality Assurance Construction and Installation Plan  
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC  
☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC  
☐ Nuisance or Hazardous Odors, including H<sub>2</sub>S, Prevention Plan  
☐ Emergency Response Plan  
☐ Oil Field Waste Stream Characterization  
☐ Monitoring and Inspection Plan  
☐ Erosion Control Plan  
☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

13.

**Proposed Closure:** 19.15.17.13 NMAC*Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.*

- Type: ☐ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☐ Below-grade Tank ☐ Multi-well Fluid Management Pit  
☐ Alternative
- Proposed Closure Method: ☐ Waste Excavation and Removal  
☐ Waste Removal (Closed-loop systems only)  
☐ On-site Closure Method (Only for temporary pits and closed-loop systems)  
☐ In-place Burial ☐ On-site Trench Burial  
☐ Alternative Closure Method

14.

**Waste Excavation and Removal Closure Plan Checklist:** (19.15.17.13 NMAC) *Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.*

- ☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC  
☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC  
☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)  
☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC  
☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC  
☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15.

**Siting Criteria (regarding on-site closure methods only):** 19.15.17.10 NMAC*Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.*

- |   |   |
|---|---|
| Ground water is less than 25 feet below the bottom of the buried waste.<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells   | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> NA |
| Ground water is between 25-50 feet below the bottom of the buried waste<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells   | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> NA |
| Ground water is more than 100 feet below the bottom of the buried waste.<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells  | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> NA |
| Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).<br>- Topographic map; Visual inspection (certification) of the proposed site                        | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |
| Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.<br>- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |
| Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application.<br>- NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |
| Written confirmation or verification from the municipality; Written approval obtained from the municipality   | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |
| Within 300 feet of a wetland.<br>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site   | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |
| Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance   | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |



adopted pursuant to NMSA 1978, Section 3-27-3, as amended.

- Written confirmation or verification from the municipality; Written approval obtained from the municipality

☐ Yes ☐ No

Within the area overlying a subsurface mine.

- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

☐ Yes ☐ No

Within an unstable area.

- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map

☐ Yes ☐ No

Within a 100-year floodplain.

- FEMA map

☐ Yes ☐ No

16.

**On-Site Closure Plan Checklist:** (19.15.17.13 NMAC) *Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.*

- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC
- ☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC
- ☐ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
- ☐ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17.

**Operator Application Certification:**

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

e-mail address: \_\_\_\_\_ Telephone: \_\_\_\_\_

18.

**OCD Approval:** ☐ Permit Application (including closure plan) ☒ Closure Plan (only) ☐ OCD Conditions (see attachment)

OCD Representative Signature: Jonetha Kelly Approval Date: 3/30/2015

Title: Compliance officer OCD Permit Number: \_\_\_\_\_

19.

**Closure Report (required within 60 days of closure completion):** 19.15.17.13 NMAC

*Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.*

☒ Closure Completion Date: 6/12/2014

20.

**Closure Method:**

- ☒ Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)
- ☐ If different from approved plan, please explain.

21.

**Closure Report Attachment Checklist:** *Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.*

- ☒ Proof of Closure Notice (surface owner and division)
- ☐ Proof of Deed Notice (required for on-site closure for private land only)
- ☐ Plot Plan (for on-site closures and temporary pits)
- ☒ Confirmation Sampling Analytical Results (if applicable)
- ☐ Waste Material Sampling Analytical Results (required for on-site closure)
- ☒ Disposal Facility Name and Permit Number
- ☒ Soil Backfilling and Cover Installation
- ☐ Re-vegetation Application Rates and Seeding Technique
- ☒ Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude 36.62255 Longitude -107.63838 NAD: ☐ 1927 ☒ 1983

**Operator Closure Certification:**

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): Jeff Peace Title: Field Environmental Coordinator

Signature:  Date: March 3, 2015

e-mail address: peace.jeffrey@bp.com Telephone: (505) 326-9479



BP AMERICA PRODUCTION COMPANY  
SAN JUAN BASIN, NORTHWEST NEW MEXICO

BELOW-GRADE TANK CLOSURE PLAN

Blanco LS 16

API No. 3004511746

Unit Letter D, Section 36, T28N, R8W

This plan will address the standard protocols and procedures for closure of below-grade tanks (BGTs) on BP America Production Company (BP) well sites. As stipulated in Paragraph A of 19.15.17.13 NMAC, BP shall close a BGT within the time periods provided in 19.15.17.13 NMAC, or by an earlier date that the New Mexico Oil Conservation Division (NMOCD) requires because of imminent danger to fresh water, public health, safety or the environment. If deviations from this plan are necessary, any specific changes will be included on form C-144 and approved by the NMOCD. BP shall close an existing BGT that does not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years after June 16, 2008, if not retrofit with a BGT that complies with the BP NMOCD approved BGT design attached to the BP Design and Construction Plan. BP shall close an existing BGT that does not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC, if not previously retrofitted to comply with the BP NMOCD approved BGT Design attached to the BP Design and Construction Plan, prior to any sale or change in operator pursuant to 19.15.9.9 NMAC. BP shall close the permitted BGT within 60 days of cessation of the BGTs operation or as required by the transitional provisions of Subsection B, D, or E of 19.15.17.17 NMAC.

**General Closure Plan**

1. BP shall notify the surface owner by certified mail that it plans to close a BGT. Evidence of mailing of the notice to the address of the surface owner shown in the county tax records demonstrates compliance with this requirement.  
**Notice is attached.**
2. BP shall notify the division District III office verbally or by other means at least 72 hours, but not more than one (1) week, prior to any closure operation. The notice shall include the operator's name, and the location to be closed by unit letter, section, township and range. If the BGT closure is associated with a particular well, then the notice shall also include the well's name, number and API number.  
**Notice is attached.**
3. BP shall remove liquids and sludge from the BGT prior to implementing a closure method and dispose of the liquids and sludge in a NMOCD's division-approved facility. The facilities to be used are:
  - a. BP Crouch Mesa Landfarm, Permit NM-02-003 (Solids)
  - b. JFJ Landfarm, Permit NM-01-010(B) (Solids and Sludge)
  - c. Basin Disposal, Permit NM-01-0005 (Liquids)
  - d. Envirotech Inc Soil Remediation Facility, Permit NM-01-0011 (Solids and Sludge)
  - e. BP Operated E.E. Elliott SWD #1, API 30-045-27799 (Liquids)

- f. BP Operated 13 GCU SWD #1, API 30-045-28601 (Liquids)
- g. BP Operated GCU 259 SWD, API 30-045-20006 (Liquids)
- h. BP Operated GCU 306 SWD, API 30-045-24286 (Liquids)
- i. BP Operated GCU 307 SWD, API 30-045-24248 (Liquids)
- j. BP Operated GCU 328 SWD, API 30-045-24735 (Liquids)
- k. BP Operated Pritchard SWD #1, API 30-045-28351 (Liquids)

**All liquids and sludge in the BGT were removed and sent to one of the above NMOCD approved facilities for disposal.**

4. BP shall remove the BGT and dispose of it in a NMOCD approved facility or recycle, reuse, or reclaim it in a manner that the NMOCD approves. If a liner is present and must be disposed of it will be cleaned by scraping any soils or other attached materials on the liner to a de minimus amount and disposed at a permitted solid waste facility, pursuant to Subparagraph (m) of Paragraph (1) of Subsection C of 19.15.35.8 NMAC. Documentation as to the final disposition of the removed BGT will be provided in the final closure report.

**The BGT was transported to a storage area for sale and re-use.**

5. BP shall remove any on-site equipment associated with a BGT unless the equipment is required for well production.

**All equipment associated with the BGT has been removed.**

6. BP shall test the soils beneath the BGT to determine whether a release has occurred. BP shall collect at a minimum: a five (5) point composite sample and individual grab samples from any area that is wet, discolored or showing other evidence of a release and analyze for BTEX, TPH and chlorides. The testing methods for those constituents are as follows;

Constituents	Testing Method <b>45 bbl BGT</b>	Release Verification (mg/Kg)	Sample results
Benzene	US EPA Method SW-846 8021B or 8260B	0.2	2.67
Total BTEX	US EPA Method SW-846 8021B or 8260B	50	189
TPH	US EPA Method SW-846 418.1	100	8,720
Chlorides	US EPA Method 300.0 or 4500B	250 or background	31.3

**Notes: mg/Kg = milligram per kilogram, BTEX = benzene, toluene, ethylbenzene, and total xylenes, TPH = total petroleum hydrocarbons. Other EPA methods that the division approves may be applied to all constituents listed. Chloride closure standards will be determined by which ever concentration level is greatest.**

**Soil under the BGT was sampled and chloride levels were below the stated limits. TPH was 8,720 ppm by Method 418.1 and was 5,250 ppm by Method 8015D. Benzene was 2.67 ppm and BTEX was 189 ppm by Method 8021. Sampling data is attached.**



7. BP shall notify the division District III office of its results on form C-141.  
**C-141 is attached.**
8. If it is determined that a release has occurred, then BP will comply with 19.15.30 NMAC and 19.15.29 NMAC, as appropriate.  
**Sampling results indicate a release occurred. The release was addressed through the spill and release guidelines and remediation was completed on June 12, 2014.**
9. If the sampling demonstrates that a release has not occurred or that any release does not exceed the concentrations specified above, then BP shall backfill the excavation, with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover, re-contour and re-vegetate the location. The location will be reclaimed if it is not within the active process area  
**The area under the BGT was backfilled with clean soil and has been reclaimed since the well was plugged and abandoned.**
10. BP shall reclaim the BGT location and all areas associated with the BGT including associated access roads to a safe and stable condition that blends with the surrounding undisturbed area. BP shall substantially restore the impacted surface area to the condition that existed prior to oil and gas operations by placement of the soil cover as provided in Subsection H of 19.15.17.13 NMAC, re-contour the location and associated areas to a contour that approximates the original contour and blends with the surrounding topography and re-vegetate according to Subsection I of 19.15.17.13 NMAC.  
**The area over the BGT was reclaimed since the well was plugged and abandoned.**
11. The soil cover for closures where the BGT has been removed or remediated to the NMOCD's satisfaction shall consist of the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater. The soil cover will be constructed to the site's existing grade and all practicable efforts will be made to prevent ponding of water and erosion of the cover material.  
**The area over the BGT was reclaimed since the well was plugged and abandoned.**
12. BP shall seed the disturbed area the first growing season after closure of the BGT. Seeding will be accomplished by drilling on the contour whenever practical or by other division-approved methods. Vegetative cover will be, at a minimum, 70% of the native perennial vegetative cover (un-impacted by overgrazing, fire or other intrusion damaging to native vegetation), consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintenance of that cover through two successive growing seasons. During the two growing seasons that prove viability, there shall be no artificial irrigation of the vegetation.  
**The area over the BGT was reclaimed since the well was plugged and abandoned.**
13. BP shall seed, plant and re-seed pursuant to Paragraph (3) of Subsection I of 19.15.17.13 NMAC, until the location successfully achieves the required vegetative cover.  
**BP will seed the area as part of reclamation since the well has been plugged and abandoned.**

14. Pursuant to Paragraph (5) of Subsection I of 19.15.17.13 NMAC, BP shall notify the NMOCD when it has seeded or planted and when it successfully achieves re-vegetation.

**BP will notify NMOCD when re-vegetation is successful.**

15. Within 60 days of closure completion, BP shall submit a closure report on NMOCD's form C-144, and will include the following;

- a. proof of closure notification (surface owner and NMOCD)
- b. sampling analytical reports; information required by 19.15.17 NMAC;
- c. disposal facility name and permit number
- d. details on back-filling, capping, covering, and where applicable re-vegetation application rates and seeding techniques and
- e. site reclamation, photo documentation.

**Closure report on C-144 form is included.**

16. BP shall certify that all information in the report and attachments is accurate, truthful, and compliant with all applicable closure requirements and conditions specified in the approved closure plan.

**Certification section of C-144 has been completed.**



District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

### Release Notification and Corrective Action

#### OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: BP	Contact: Jeff Peace	
Address: 200 Energy Court, Farmington, NM 87401	Telephone No.: 505-326-9479	
Facility Name: Blanco LS 16	Facility Type: Natural gas well	
Surface Owner: Federal	Mineral Owner: Federal	API No. 3004511746

#### LOCATION OF RELEASE

Unit Letter D	Section 36	Township 28N	Range 8W	Feet from the 990	North/South Line North	Feet from the 890	East/West Line East	County: San Juan
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Latitude 36.62255 Longitude 107.63848

#### NATURE OF RELEASE

Type of Release: oil/condensate	Volume of Release: unknown	Volume Recovered: none
Source of Release: below grade tank – 45 bbl	Date and Hour of Occurrence: unknown	Date and Hour of Discovery: May 30, 2014; 9:55 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* Sampling of the soil beneath the BGT was done during removal to ensure no soil impacts from the BGT. Soil analysis resulted in chlorides below standards. TPH was 8,720 ppm by Method 418.1 and was 5,250 ppm by Method 8015D. Benzene was 2.67 ppm and total BTEX was 189 ppm by Method 8021. Analysis results are attached.		
Describe Area Affected and Cleanup Action Taken.* BGT was removed and the area underneath the BGT was sampled. Sampling results indicated a release occurred and remediation was completed through the spill and release guidelines. Impacted soil was excavated and transported to a landfarm for treatment and remediation was completed on June 12, 2014. The area under the BGT was backfilled and compacted and has been reclaimed since the well was plugged and abandoned.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Jeff Peace	Approved by Environmental Specialist:	
Title: Field Environmental Coordinator	Approval Date:	Expiration Date:
E-mail Address: peace.jeffrey@bp.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: March 3, 2015	Phone: 505-326-9479	

\* Attach Additional Sheets If Necessary

CLIENT: <b>BP</b>	<b>BLAGG ENGINEERING, INC.</b> <b>P.O. BOX 87, BLOOMFIELD, NM 87413</b> <b>(505) 632-1199</b>	API #: <b>3004511746</b> TANK ID (if applicable): <b>A</b>
<b>FIELD REPORT:</b> (circle one): <u>BGT CONFIRMATION</u> / RELEASE INVESTIGATION / OTHER:		PAGE #: <b>1</b> of <b>2</b>
<b>SITE INFORMATION:</b> SITE NAME: <b>BLANCO LS # 16</b> QUAD/UNIT: <b>D</b> SEC: <b>36</b> TWP: <b>28N</b> RNG: <b>8W</b> PM: <b>NM</b> CNTY: <b>SJ</b> ST: <b>NM</b> 1/4 - 1/4 FOOTAGE: <b>990'N / 890'E</b> <b>NE/NE</b> LEASE TYPE: <u>FEDERAL</u> / STATE / FEE / INDIAN LEASE #: <b>NM012201</b> PROD. FORMATION: <b>PC</b> CONTRACTOR: <b>CROSSFIRE MBF - T. PETERSON</b>		DATE STARTED: <b>05/30/14</b> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST(S): <b>JCB</b>
<b>REFERENCE POINT:</b> WELL HEAD (W.H.) GPS COORD.: <b>36.62253 X 107.63834</b> GL ELEV.: <b>6,213'</b> 1) <b>45 BGT (DW/DB)</b> GPS COORD.: <b>36.62255 X 107.63838</b> DISTANCE/BEARING FROM W.H.: <b>21', N59W</b> 2) _____ GPS COORD.: _____ DISTANCE/BEARING FROM W.H.: _____ 3) _____ GPS COORD.: _____ DISTANCE/BEARING FROM W.H.: _____ 4) _____ GPS COORD.: _____ DISTANCE/BEARING FROM W.H.: _____		
<b>SAMPLING DATA:</b> CHAIN OF CUSTODY RECORD(S) # OR LAB USED: <b>ENVIROTECH</b>		OVM READING (ppm)
1) SAMPLE ID: <b>45 BGT @ 7'</b> SAMPLE DATE: <b>05/30/14</b> SAMPLE TIME: <b>0955</b> LAB ANALYSIS: <b>418.1/8015B/8021B/300.0 (CI)</b> 2) SAMPLE ID: <b>45 BGT @ 14'</b> SAMPLE DATE: <b>05/30/14</b> SAMPLE TIME: <b>1006</b> LAB ANALYSIS: <b>418.1/8015B/8021B/300.0 (CI)</b> 3) SAMPLE ID: _____ SAMPLE DATE: _____ SAMPLE TIME: _____ LAB ANALYSIS: _____ 4) SAMPLE ID: _____ SAMPLE DATE: _____ SAMPLE TIME: _____ LAB ANALYSIS: _____		<b>855</b>   <b>596</b>
<b>SOIL DESCRIPTION:</b> SOIL TYPE: SAND / SILTY SAND / <u>SILT / SILTY CLAY</u> / CLAY / GRAVEL / OTHER _____ SOIL COLOR: <b>DARK BROWN</b> COHESION (ALL OTHERS): NON COHESIVE / <u>SLIGHTLY COHESIVE</u> / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): LOOSE / <u>FIRM</u> / DENSE / VERY DENSE MOISTURE: DRY / <u>SLIGHTLY MOIST</u> / MOIST / WET / SATURATED / SUPER SATURATED SAMPLE TYPE: <u>GRAB</u> / COMPOSITE - # OF PTS. <b>NA</b> DISCOLORATION/STAINING OBSERVED: <u>YES</u> / NO EXPLANATION - <b>DARK GRAY</b> PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD HC ODOR DETECTED: <u>YES</u> / NO EXPLANATION - <b>STRONG FROM DISCOLORED SOIL.</b> ANY AREAS DISPLAYING WETNESS: YES / <u>NO</u> EXPLANATION - _____		
<b>SITE OBSERVATIONS:</b> LOST INTEGRITY OF EQUIPMENT: YES / <u>NO</u> EXPLANATION - _____ APPARENT EVIDENCE OF A RELEASE OBSERVED AND/OR OCCURRED: <u>YES</u> / NO EXPLANATION: <b>NOT ASSOCIATED WITH BGT, APPEARS HISTORICAL IN ORIGIN.</b> EQUIPMENT SET OVER RECLAIMED AREA: YES / <u>NO</u> EXPLANATION - _____ OTHER: <b>GAS WELL RECENTLY PLUGGED &amp; ABANDONED (P &amp; A).</b>		
SOIL IMPACT DIMENSION ESTIMATION: _____ ft. X _____ ft. X _____ ft. EXCAVATION ESTIMATION (Cubic Yards): _____ DEPTH TO GROUNDWATER: <b>&gt;100'</b> NEAREST WATER SOURCE: <b>&gt;1,000'</b> NEAREST SURFACE WATER: <b>&gt;1,000'</b> NMOC DTPH CLOSURE STD: <b>5,000</b> ppm		
<b>SITE SKETCH</b> BGT Located : off / <u>on</u> site PLOT PLAN circle: <u>attached</u>		
		OVM CALIB. READ. = <b>52.9</b> ppm RF=0.52 OVM CALIB. GAS = <b>100</b> ppm TIME: <b>6:15</b> am/pm DATE: <b>05/30/14</b>
NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCAVATION DEPRESSION; B.G. = BELOW GRADE; B = BELOW; T.H. = TEST HOLE; ~ = APPROX.; W.H. = WELL HEAD; T.B. = TANK BOTTOM; PBGTL = PREVIOUS BELOW-GRADE TANK LOCATION; SPD = SAMPLE POINT DESIGNATION; R.W. = RETAINING WALL; NA - NOT APPLICABLE OR NOT AVAILABLE; SW - SINGLE WALL; DW - DOUBLE WALL; SB - SINGLE BOTTOM; DB - DOUBLE BOTTOM.		<b>MISCELL. NOTES</b> WO: <b>N15421192</b> PO #: _____ PK: <b>ZFEIRK0SJS</b> PJ #: _____ Permit date(s): <b>06/09/10</b> OCD Appr. date(s): <b>01/16/14</b> Tank ID: <b>A</b> OVM = Organic Vapor Meter ppm = parts per million BGT Sidewalls Visible: Y / <u>(N)</u> BGT Sidewalls Visible: Y / N BGT Sidewalls Visible: Y / N Magnetic declination: <b>10° E</b>
NOTES: _____ ONSITE: <b>05/30/14</b>		





Blagg Engineering  
PO Box 87  
Bloomfield NM, 87413

Project Name: Blanco LS 16  
Project Number: 03143-0424  
Project Manager: Jeff Blagg

**Reported:**  
03-Jun-14 16:05

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
45 BGT @ 7'	P405067-01A	Soil	05/30/14	05/30/14	Glass Jar, 4 oz.
45 BGT @ 14'	P405067-02A	Soil	05/30/14	05/30/14	Glass Jar, 4 oz.

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Blagg Engineering  
 PO Box 87  
 Bloomfield NM, 87413

 Project Name: Blanco LS 16  
 Project Number: 03143-0424  
 Project Manager: Jeff Blagg

**Reported:**  
 03-Jun-14 16:05

**45 BGT @ 7'**  
**P405067-01 (Solid)**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Volatile Organics by EPA 8021										
Benzene	2.67	0.05	mg/kg	1		1422007	06/02/14	06/02/14	EPA 8021B	
Toluene	12.1	0.05	mg/kg	1		1422007	06/02/14	06/02/14	EPA 8021B	
Ethylbenzene	13.1	0.05	mg/kg	1		1422007	06/02/14	06/02/14	EPA 8021B	
p,m-Xylene	112	0.05	mg/kg	1		1422007	06/02/14	06/02/14	EPA 8021B	
o-Xylene	49.2	0.05	mg/kg	1		1422007	06/02/14	06/02/14	EPA 8021B	
Total Xylenes	161	0.05	mg/kg	1		1422007	06/02/14	06/02/14	EPA 8021B	
Total BTEX	189	0.05	mg/kg	1		1422007	06/02/14	06/02/14	EPA 8021B	
Surrogate: 1,3-Dichlorobenzene		374 %		80-120		1422007	06/02/14	06/02/14	EPA 8021B	S-02
Surrogate: Bromochlorobenzene		141 %		80-120		1422007	06/02/14	06/02/14	EPA 8021B	S-02
Nonhalogenated Organics by 8015										
Gasoline Range Organics (C6-C10)	1690	4.99	mg/kg	1		1422007	06/02/14	06/02/14	EPA 8015D	
Diesel Range Organics (C10-C28)	3560	30.0	mg/kg	1		1422008	06/02/14	06/02/14	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1										
Total Petroleum Hydrocarbons	8720	200	mg/kg	10		1423004	06/02/14	06/02/14	EPA 418.1	
Cation/Anion Analysis										
Chloride	31.3	9.97	mg/kg	1		1423001	06/02/14	06/02/14	EPA 300.0	

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Blagg Engineering  
 PO Box 87  
 Bloomfield NM, 87413

 Project Name: Blanco LS 16  
 Project Number: 03143-0424  
 Project Manager: Jeff Blagg

**Reported:**  
 03-Jun-14 16:05

**45 BGT @ 14'**  
**P405067-02 (Solid)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b><u>Volatile Organics by EPA 8021</u></b>									
Benzene	2.66	0.05	mg/kg	1	1422007	06/02/14	06/02/14	EPA 8021B	
Toluene	3.65	0.05	mg/kg	1	1422007	06/02/14	06/02/14	EPA 8021B	
Ethylbenzene	7.85	0.05	mg/kg	1	1422007	06/02/14	06/02/14	EPA 8021B	
p,m-Xylene	57.6	0.05	mg/kg	1	1422007	06/02/14	06/02/14	EPA 8021B	
o-Xylene	12.7	0.05	mg/kg	1	1422007	06/02/14	06/02/14	EPA 8021B	
Total Xylenes	70.3	0.05	mg/kg	1	1422007	06/02/14	06/02/14	EPA 8021B	
Total BTEX	84.5	0.05	mg/kg	1	1422007	06/02/14	06/02/14	EPA 8021B	
Surrogate: 1,3-Dichlorobenzene		295 %		80-120	1422007	06/02/14	06/02/14	EPA 8021B	S-02
Surrogate: Bromochlorobenzene		160 %		80-120	1422007	06/02/14	06/02/14	EPA 8021B	S-02
<b><u>Nonhalogenated Organics by 8015</u></b>									
Gasoline Range Organics (C6-C10)	919	4.99	mg/kg	1	1422007	06/02/14	06/02/14	EPA 8015D	
Diesel Range Organics (C10-C28)	386	29.9	mg/kg	1	1422008	06/02/14	06/02/14	EPA 8015D	
<b><u>Total Petroleum Hydrocarbons by 418.1</u></b>									
Total Petroleum Hydrocarbons	2670	20.0	mg/kg	1	1423004	06/02/14	06/02/14	EPA 418.1	
<b><u>Cation/Anion Analysis</u></b>									
Chloride	49.7	9.59	mg/kg	1	1423001	06/02/14	06/02/14	EPA 300.0	

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Blagg Engineering  
 PO Box 87  
 Bloomfield NM, 87413

 Project Name: Blanco LS 16  
 Project Number: 03143-0424  
 Project Manager: Jeff Blagg

**Reported:**  
 03-Jun-14 16:05

**Volatile Organics by EPA 8021 - Quality Control**
**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1422007 - Purge and Trap EPA 5030A**
**Blank (1422007-BLK1)**

Prepared: 30-May-14 Analyzed: 02-Jun-14

Benzene	ND	0.05	mg/kg							
Toluene	ND	0.05	"							
Ethylbenzene	ND	0.05	"							
p,m-Xylene	ND	0.05	"							
o-Xylene	ND	0.05	"							
Total Xylenes	ND	0.05	"							
Total BTEX	ND	0.05	"							
Surrogate: 1,3-Dichlorobenzene	47.6		ug/L	50.0		95.3	80-120			
Surrogate: Bromochlorobenzene	48.9		"	50.0		97.8	80-120			

**Duplicate (1422007-DUP1)**

Source: P405060-01

Prepared: 30-May-14 Analyzed: 02-Jun-14

Benzene	ND	0.05	mg/kg		ND				30	
Toluene	ND	0.05	"		ND				30	
Ethylbenzene	ND	0.05	"		ND				30	
p,m-Xylene	ND	0.05	"		ND				30	
o-Xylene	ND	0.05	"		ND				30	
Surrogate: 1,3-Dichlorobenzene	49.2		ug/L	50.0		98.3	80-120			
Surrogate: Bromochlorobenzene	52.9		"	50.0		106	80-120			

**Matrix Spike (1422007-MS1)**

Source: P405060-01

Prepared: 30-May-14 Analyzed: 02-Jun-14

Benzene	2.25	0.05	mg/kg	2.49	ND	90.3	39-150			
Toluene	2.25	0.05	"	2.49	ND	90.3	46-148			
Ethylbenzene	2.27	0.05	"	2.49	ND	91.2	32-160			
p,m-Xylene	4.55	0.05	"	4.99	ND	91.2	46-148			
o-Xylene	2.30	0.05	"	2.49	ND	92.4	46-148			
Surrogate: 1,3-Dichlorobenzene	46.1		ug/L	50.0		92.3	80-120			
Surrogate: Bromochlorobenzene	50.5		"	50.0		101	80-120			

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 laboratory@envirotech-inc.com



Blagg Engineering	Project Name:	Blanco LS 16	
PO Box 87	Project Number:	03143-0424	Reported:
Bloomfield NM, 87413	Project Manager:	Jeff Blagg	03-Jun-14 16:05

### Nonhalogenated Organics by 8015 - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1422007 - Purge and Trap EPA 5030A</b>										
<b>Blank (1422007-BLK1)</b>				Prepared: 30-May-14 Analyzed: 02-Jun-14						
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg							
<b>Duplicate (1422007-DUP1)</b>				Source: P405060-01 Prepared: 30-May-14 Analyzed: 02-Jun-14						
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg		ND				30	
<b>Matrix Spike (1422007-MS1)</b>				Source: P405060-01 Prepared: 30-May-14 Analyzed: 02-Jun-14						
Gasoline Range Organics (C6-C10)	22.0	4.99	mg/kg	22.4	ND	98.2	75-125			

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Blagg Engineering  
PO Box 87  
Bloomfield NM, 87413

Project Name: Blanco LS 16  
Project Number: 03143-0424  
Project Manager: Jeff Blagg

**Reported:**  
03-Jun-14 16:05

### Nonhalogenated Organics by 8015 - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 1422008 - DRO Extraction EPA 3550C

##### Blank (1422008-BLK1)

Prepared: 30-May-14 Analyzed: 02-Jun-14

Diesel Range Organics (C10-C28) ND 30.0 mg/kg

##### Duplicate (1422008-DUP1)

Source: P405060-01

Prepared: 30-May-14 Analyzed: 02-Jun-14

Diesel Range Organics (C10-C28) ND 30.0 mg/kg

ND

30

##### Matrix Spike (1422008-MS1)

Source: P405060-01

Prepared: 30-May-14 Analyzed: 02-Jun-14

Diesel Range Organics (C10-C28) 264 mg/L

250

7.86

103

75-125

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Blagg Engineering  
 PO Box 87  
 Bloomfield NM, 87413

 Project Name: Blanco LS 16  
 Project Number: 03143-0424  
 Project Manager: Jeff Blagg

**Reported:**  
 03-Jun-14 16:05

**Total Petroleum Hydrocarbons by 418.1 - Quality Control**
**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1423004 - 418 Freon Extraction</b>										
<b>Blank (1423004-BLK1)</b>				Prepared & Analyzed: 02-Jun-14						
Total Petroleum Hydrocarbons	ND	20.0	mg/kg							
<b>Duplicate (1423004-DUP1)</b>				Source: P405067-01 Prepared & Analyzed: 02-Jun-14						
Total Petroleum Hydrocarbons	7800	200	mg/kg		8720			11.1	30	
<b>Matrix Spike (1423004-MS1)</b>				Source: P405067-01 Prepared & Analyzed: 02-Jun-14						
Total Petroleum Hydrocarbons	9310	200	mg/kg	2020	8720	29.4	80-120			SPK1

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Blagg Engineering  
 PO Box 87  
 Bloomfield NM, 87413

 Project Name: Blanco LS 16  
 Project Number: 03143-0424  
 Project Manager: Jeff Blagg

**Reported:**  
 03-Jun-14 16:05

**Cation/Anion Analysis - Quality Control**
**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1423001 - Anion Extraction EPA 300.0</b>										
<b>Blank (1423001-BLK1)</b>				Prepared & Analyzed: 02-Jun-14						
Chloride	ND	9.96	mg/kg							
<b>LCS (1423001-BS1)</b>				Prepared & Analyzed: 02-Jun-14						
Chloride	490	9.90	mg/kg	495		98.9	90-110			
<b>Matrix Spike (1423001-MS1)</b>				Prepared & Analyzed: 02-Jun-14						
Chloride	500	9.57	mg/kg	478	31.3	97.9	80-120			
<b>Matrix Spike Dup (1423001-MSD1)</b>				Prepared & Analyzed: 02-Jun-14						
Chloride	525	9.91	mg/kg	496	31.3	99.6	80-120	4.91	20	

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## 17019

SAFETY INFORMATION 578-12



BP America Production Company  
200 Energy Court  
Farmington, NM 87401  
Phone: (505) 326-9200

June 5, 2014

Bureau of Land Management  
Mark Kelly  
6251 College Blvd Suite A  
Farmington, NM 87402

**VIA CERTIFIED MAIL – RETURN RECEIPT REQUESTED**

Re: Notification of plans to close/remove a below grade tank  
Well Name: BLANCO LS 016  
API #: 3004511746

Dear Mr. Kelly,

As part of the NM "Pit Rule": 19.15.17.13 Closure Requirements, Paragraph J. BP America Production Company (BP) is required to notify the surface owner of BP's plans to close/remove a below grade tank. BP wishes to inform you of our plans to close/remove the below grade tank on its well pad located on your surface. BP plans to commence this work on or about June 6, 2014. If there aren't any unforeseen problems, the work should be completed within 10 working days.

As a point of clarification, BP will be closing the below grade tank and either operating without one or replacing it with an above ground tank, the well site will continue to operate.

Unless you have questions about this notice, there is no need to respond to this letter. If you do have any questions or concerns, please contact me at 505-326-9214

Sincerely,

Jerry Van Riper  
Surface Land Negotiator  
BP America Production Company

**BP America Production Company**  
200 Energy Court  
Farmington, NM 87401  
Phone: (505) 326-9200

SENT VIA E-MAIL TO: BRANDON.POWELL@STATE.NM.US

June 5, 2014

New Mexico Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, New Mexico 87410

**RE: Notice of Proposed Below-Grade Tank (BGT) Closure**

BLANCO LS 016  
API 30-045-11746  
(G) Section 36-- T28N -- R08W  
San Juan County, New Mexico

Dear Mr. Brandon Powell:

In regards to the captioned subject and requirements of the NMOCD pit rule, this letter is notification that BP is planning to close a 45 bbl BGT that will no longer be operational at this well site.

Should you have any questions, please feel free to contact BP at our Farmington office.

Sincerely,

A handwritten signature in dark ink, appearing to read "Jeff Peace". The signature is fluid and cursive, with the first name "Jeff" and last name "Peace" clearly distinguishable.

Jeff Peace  
BP Field Environmental Advisor

(505) 326-9479



BLANCO LS # 016

