

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

14203 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

OIL CONS. DIV DIST. 3  
MAR 15 2016

**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: Gallegos Canyon Unit 304  
API Number: 3004523939 OCD Permit Number: \_\_\_\_\_  
U/L or Qtr/Qtr N Section 24 Township 29N Range 13W County: San Juan  
Center of Proposed Design: Latitude 36.70755 Longitude -108.16119 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: 21 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 Single walled/double bottom; no visible sidewalls  
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.

**Variations 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: *[Signature]* Approval Date: 03/24/2016

Title: Environmental Specialist 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: 2/4/2016

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 36.70755 Longitude -108.16119 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): Steve Moskal Title: Field Environmental Coordinator

Signature:  Date: March 10, 2016

e-mail address: steven.moskal@bp.com Telephone: (505) 326-9497

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

Form C-141  
Revised August 8, 2011

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

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: Steve Moskal                 |
| Address: 200 Energy Court, Farmington, NM 87401 | Telephone No.: 505-326-9497           |
| Facility Name: Gallegos Canyon Unit 304         | Facility Type: Natural gas well       |
| Surface Owner: Fee                              | Mineral Owner: Fee <i>(Signature)</i> |
| API No. 3004523939                              |                                       |

**LOCATION OF RELEASE**

|                  |               |                 |              |                      |                           |                        |                        |                  |
|------------------|---------------|-----------------|--------------|----------------------|---------------------------|------------------------|------------------------|------------------|
| Unit Letter<br>N | Section<br>24 | Township<br>29N | Range<br>13W | Feet from the<br>995 | North/South Line<br>South | Feet from the<br>1,650 | East/West Line<br>West | County: San Juan |
|------------------|---------------|-----------------|--------------|----------------------|---------------------------|------------------------|------------------------|------------------|

Latitude 36.70755 Longitude -108.16119

**NATURE OF RELEASE**

|  |   |                                  |
|--|---|----------------------------------|
| Type of Release: none  | Volume of Release: unknown                | Volume Recovered: N/A            |
| Source of Release: below grade tank - 21 bbl   | Date and Hour of Occurrence:<br>none      | Date and Hour of Discovery: none |
| Was Immediate Notice Given?<br><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?<br><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. Soil analysis resulted for BTEX, TPH and chloride below standards. Field reports and laboratory results are attached.

Describe Area Affected and Cleanup Action Taken.\* No action necessary. Final laboratory analysis supported closure of the BGT location.

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: <i>(Signature)</i>          | <b>OIL CONSERVATION DIVISION</b>      |                                   |
| Printed Name: Steve Moskal             | Approved by Environmental Specialist: |                                   |
| Title: Field Environmental Coordinator | Approval Date:                        | Expiration Date:                  |
| E-mail Address: steven.moskal@bp.com   | Conditions of Approval:               | Attached <input type="checkbox"/> |
| Date: March 10, 2016                   | Phone: 505-326-9497                   |                                   |

\* Attach Additional Sheets If Necessary

|                   |   |                                   |
|-------------------|---|-----------------------------------|
| CLIENT: <b>BP</b> | <b>BLAGG ENGINEERING, INC.</b><br>P.O. BOX 87, BLOOMFIELD, NM 87413<br>(505) 632-1199 | API #: <b>3004523939</b>          |
|                   |   | TANK ID (if applicable): <b>A</b> |

# FIELD REPORT:

(circle one):  BGT CONFIRMATION /  RELEASE INVESTIGATION /  OTHER:

PAGE #: **1** of **1**

**SITE INFORMATION:** SITE NAME: **GCU # 304**

QUAD/UNIT: **N** SEC: **24** TWP: **29N** RNG: **13W** PM: **NM** CNTY: **SJ** ST: **NM**

1/4 - 1/4/FOOTAGE: **995'S / 1,650'W** **SE/SW** LEASE TYPE: FEDERAL / STATE  FEE / INDIAN

LEASE #: **-** PROD. FORMATION: **PC** CONTRACTOR: **STRIKE MBF - J. POWELL**

DATE STARTED: **02/04/16**

DATE FINISHED: \_\_\_\_\_

ENVIRONMENTAL SPECIALIST(S): **NJV**

**REFERENCE POINT:** WELL HEAD (W.H.) GPS COORD.: **36.70750 X 108.16132** GL ELEV.: **5,289'**

|   |
|---|
| 1) <b>21 BGT (SW/DB)</b> GPS COORD.: <b>36.70755 X 108.16119</b> DISTANCE/BEARING FROM W.H.: <b>36', N72.5E</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.: _____  |

**SAMPLING DATA:** CHAIN OF CUSTODY RECORD(S) # OR LAB USED: **HALL**

|  |
|--|
| 1) SAMPLE ID: <b>5PC - TB @ 5' (21)</b> SAMPLE DATE: <b>02/04/16</b> SAMPLE TIME: <b>1050</b> LAB ANALYSIS: <b>8015B/8021B/300.0 (CI)</b> OVM READING (ppm): <b>NA</b> |
| 2) SAMPLE ID: _____ SAMPLE DATE: _____ SAMPLE TIME: _____ LAB ANALYSIS: _____ OVM READING (ppm): _____   |
| 3) SAMPLE ID: _____ SAMPLE DATE: _____ SAMPLE TIME: _____ LAB ANALYSIS: _____ OVM READING (ppm): _____   |
| 4) SAMPLE ID: _____ SAMPLE DATE: _____ SAMPLE TIME: _____ LAB ANALYSIS: _____ OVM READING (ppm): _____   |

**SOIL DESCRIPTION:** SOIL TYPE:  SAND /  SILTY SAND /  SILT /  SILTY CLAY /  CLAY /  GRAVEL /  OTHER \_\_\_\_\_

SOIL COLOR: **DARK YELLOWISH ORANGE**

PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

COHESION (ALL OTHERS):  NON COHESIVE /  SLIGHTLY COHESIVE /  COHESIVE /  HIGHLY COHESIVE

DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

CONSISTENCY (NON COHESIVE SOILS):  LOOSE /  FIRM /  DENSE /  VERY DENSE

HC ODOR DETECTED: YES  NO  EXPLANATION - \_\_\_\_\_

MOISTURE: DRY /  SLIGHTLY MOIST /  MOIST /  WET /  SATURATED /  SUPER SATURATED

SAMPLE TYPE: GRAB /  COMPOSITE - # OF PTS. **5**

ANY AREAS DISPLAYING WETNESS: YES  NO  EXPLANATION - \_\_\_\_\_

DISCOLORATION/STAINING OBSERVED: YES  NO  EXPLANATION - \_\_\_\_\_

**SITE OBSERVATIONS:** LOST INTEGRITY OF EQUIPMENT: YES  NO  EXPLANATION - \_\_\_\_\_

APPARENT EVIDENCE OF A RELEASE OBSERVED AND/OR OCCURRED: YES  NO  EXPLANATION: \_\_\_\_\_

EQUIPMENT SET OVER RECLAIMED AREA:  YES /  NO EXPLANATION - **21 BARREL ABOVE GRADE TANK TO BE SET ATOP BGT POSITION.**

OTHER: **GAS WELL PLUGGED & ABANDONED (P&A). WELL SITE ON BOLACK PROPERTY & SHARED WITH GCU # 377.**

SOIL IMPACT DIMENSION ESTIMATION: **NA** ft. X **NA** ft. X **NA** ft. EXCAVATION ESTIMATION (Cubic Yards): **NA**

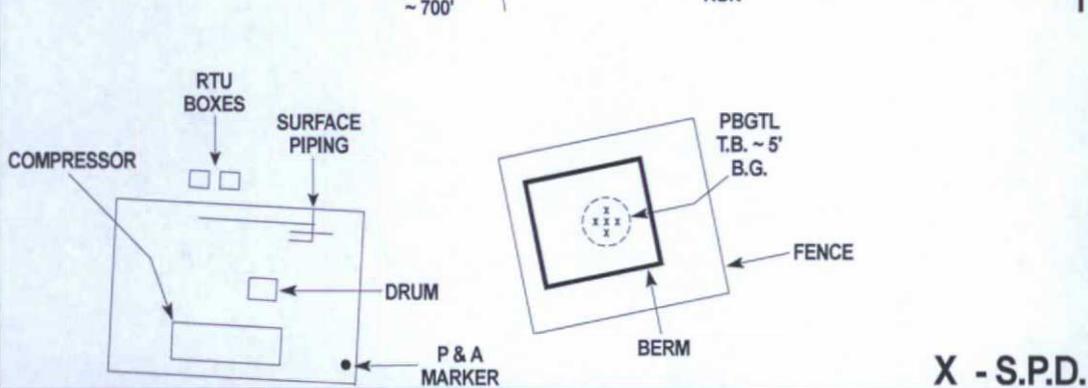
DEPTH TO GROUNDWATER: **<50'** NEAREST WATER SOURCE: **>1,000'** NEAREST SURFACE WATER: **<1,000'** NMOCD TPH CLOSURE STD: **100** ppm

**SITE SKETCH** BGT Located: off  on site PLOT PLAN circle:  attached

OVM CALIB. READ. = **NA** ppm RF=0.52

OVM CALIB. GAS = **NA** ppm

TIME: **NA** am/pm DATE: **NA**



**MISCELL. NOTES**

WO: \_\_\_\_\_

REF #: **P - 252**

VID: **VBEEBS0COM**

PJ #: \_\_\_\_\_

Permit date(s): **06/14/10**

OCD Appr. date(s): **02/24/15**

|          |  |
|----------|--|
| Tank ID  | OVM = Organic Vapor Meter<br>ppm = parts per million |
| <b>A</b> | BGT Sidewalls Visible: <b>Y / (N)</b>                |
|          | BGT Sidewalls Visible: <b>Y / N</b>                  |
|          | BGT Sidewalls Visible: <b>Y / N</b>                  |

Magnetic declination: **10° E**

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.

NOTES: **GOOGLE EARTH 2016 IMAGERY** ONSITE: **02/04/16**

**Hall Environmental Analysis Laboratory, Inc.**

CLIENT: Blagg Engineering

Client Sample ID: 5PC-TB @ 5' (21)

Project: GCU #304

Collection Date: 2/4/2016 10:50:00 AM

Lab ID: 1602191-001

Matrix: MEOH (SOIL)

Received Date: 2/5/2016 8:05:00 AM

| Analyses   | Result | PQL      | Qual | Units | DF | Date Analyzed        | Batch               |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                      | Analyst: <b>LGT</b> |
| Chloride   | 120    | 30       |      | mg/Kg | 20 | 2/5/2016 1:12:56 PM  | 23599               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                      | Analyst: <b>TOM</b> |
| Diesel Range Organics (DRO)                      | ND     | 10       |      | mg/Kg | 1  | 2/5/2016 10:23:07 AM | 23594               |
| Motor Oil Range Organics (MRO)                   | ND     | 51       |      | mg/Kg | 1  | 2/5/2016 10:23:07 AM | 23594               |
| Surr: DNOP                                       | 93.2   | 70-130   |      | %Rec  | 1  | 2/5/2016 10:23:07 AM | 23594               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                      | Analyst: <b>RAA</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.1      |      | mg/Kg | 1  | 2/5/2016 12:04:35 PM | R31954              |
| Surr: BFB  | 93.7   | 66.2-112 |      | %Rec  | 1  | 2/5/2016 12:04:35 PM | R31954              |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                      | Analyst: <b>RAA</b> |
| Benzene  | ND     | 0.041    |      | mg/Kg | 1  | 2/5/2016 12:04:35 PM | A31954              |
| Toluene  | ND     | 0.041    |      | mg/Kg | 1  | 2/5/2016 12:04:35 PM | A31954              |
| Ethylbenzene                                     | ND     | 0.041    |      | mg/Kg | 1  | 2/5/2016 12:04:35 PM | A31954              |
| Xylenes, Total                                   | ND     | 0.083    |      | mg/Kg | 1  | 2/5/2016 12:04:35 PM | A31954              |
| Surr: 4-Bromofluorobenzene                       | 112    | 80-120   |      | %Rec  | 1  | 2/5/2016 12:04:35 PM | A31954              |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: |   |    |   |
|-------------|---|----|---|
| *           | Value exceeds Maximum Contaminant Level.              | B  | Analyte detected in the associated Method Blank           |
| D           | Sample Diluted Due to Matrix                          | E  | Value above quantitation range                            |
| H           | Holding times for preparation or analysis exceeded    | J  | Analyte detected below quantitation limits                |
| ND          | Not Detected at the Reporting Limit                   | P  | Sample pH Not In Range                                    |
| R           | RPD outside accepted recovery limits                  | RL | Reporting Detection Limit                                 |
| S           | % Recovery outside of range due to dilution or matrix | W  | Sample container temperature is out of limit as specified |



# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1602191

02-Mar-16

Client: Blagg Engineering

Project: GCU #304

|            |          |                |           |             |                          |          |           |      |          |      |
|------------|----------|----------------|-----------|-------------|--------------------------|----------|-----------|------|----------|------|
| Sample ID  | MB-23599 | SampType:      | MBLK      | TestCode:   | EPA Method 300.0: Anions |          |           |      |          |      |
| Client ID: | PBS      | Batch ID:      | 23599     | RunNo:      | 31977                    |          |           |      |          |      |
| Prep Date: | 2/5/2016 | Analysis Date: | 2/5/2016  | SeqNo:      | 977883                   | Units:   | mg/Kg     |      |          |      |
| Analyte    | Result   | PQL            | SPK value | SPK Ref Val | %REC                     | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride   | ND       | 1.5            |           |             |                          |          |           |      |          |      |

|            |           |                |           |             |                          |          |           |      |          |      |
|------------|-----------|----------------|-----------|-------------|--------------------------|----------|-----------|------|----------|------|
| Sample ID  | LCS-23599 | SampType:      | LCS       | TestCode:   | EPA Method 300.0: Anions |          |           |      |          |      |
| Client ID: | LCSS      | Batch ID:      | 23599     | RunNo:      | 31977                    |          |           |      |          |      |
| Prep Date: | 2/5/2016  | Analysis Date: | 2/5/2016  | SeqNo:      | 977884                   | Units:   | mg/Kg     |      |          |      |
| Analyte    | Result    | PQL            | SPK value | SPK Ref Val | %REC                     | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride   | 14        | 1.5            | 15.00     | 0           | 93.4                     | 90       | 110       |      |          |      |

## Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1602191  
02-Mar-16

Client: Blagg Engineering  
Project: GCU #304

| Sample ID                      | <b>MB-23594</b> | SampType:      | <b>MBLK</b>     | TestCode:   | <b>EPA Method 8015M/D: Diesel Range Organics</b> |          |              |      |          |      |
|--------------------------------|-----------------|----------------|-----------------|-------------|--|----------|--------------|------|----------|------|
| Client ID:                     | <b>PBS</b>      | Batch ID:      | <b>23594</b>    | RunNo:      | <b>31943</b>                                     |          |              |      |          |      |
| Prep Date:                     | <b>2/5/2016</b> | Analysis Date: | <b>2/5/2016</b> | SeqNo:      | <b>977063</b>                                    | Units:   | <b>mg/Kg</b> |      |          |      |
| Analyte                        | Result          | PQL            | SPK value       | SPK Ref Val | %REC   | LowLimit | HighLimit    | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)    | ND              | 10             |                 |             |  |          |              |      |          |      |
| Motor Oil Range Organics (MRO) | ND              | 50             |                 |             |  |          |              |      |          |      |
| Surr: DNOP                     | 9.4             |                | 10.00           |             | 94.4   | 70       | 130          |      |          |      |

| Sample ID                   | <b>LCS-23594</b> | SampType:      | <b>LCS</b>      | TestCode:   | <b>EPA Method 8015M/D: Diesel Range Organics</b> |          |              |      |          |      |
|-----------------------------|------------------|----------------|-----------------|-------------|--|----------|--------------|------|----------|------|
| Client ID:                  | <b>LCSS</b>      | Batch ID:      | <b>23594</b>    | RunNo:      | <b>31943</b>                                     |          |              |      |          |      |
| Prep Date:                  | <b>2/5/2016</b>  | Analysis Date: | <b>2/5/2016</b> | SeqNo:      | <b>977064</b>                                    | Units:   | <b>mg/Kg</b> |      |          |      |
| Analyte                     | Result           | PQL            | SPK value       | SPK Ref Val | %REC   | LowLimit | HighLimit    | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 47               | 10             | 50.00           | 0           | 93.6   | 65.8     | 136          |      |          |      |
| Surr: DNOP                  | 4.6              |                | 5.000           |             | 92.7   | 70       | 130          |      |          |      |

| Sample ID                   | <b>1602191-001AMS</b>   | SampType:      | <b>MS</b>       | TestCode:   | <b>EPA Method 8015M/D: Diesel Range Organics</b> |          |              |      |          |      |
|-----------------------------|-------------------------|----------------|-----------------|-------------|--|----------|--------------|------|----------|------|
| Client ID:                  | <b>5PC-TB @ 5' (21)</b> | Batch ID:      | <b>23594</b>    | RunNo:      | <b>31943</b>                                     |          |              |      |          |      |
| Prep Date:                  | <b>2/5/2016</b>         | Analysis Date: | <b>2/5/2016</b> | SeqNo:      | <b>977238</b>                                    | Units:   | <b>mg/Kg</b> |      |          |      |
| Analyte                     | Result                  | PQL            | SPK value       | SPK Ref Val | %REC   | LowLimit | HighLimit    | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 45                      | 10             | 50.05           | 6.708       | 75.7   | 31.2     | 162          |      |          |      |
| Surr: DNOP                  | 4.8                     |                | 5.005           |             | 95.9   | 70       | 130          |      |          |      |

| Sample ID                   | <b>1602191-001AMSD</b>  | SampType:      | <b>MSD</b>      | TestCode:   | <b>EPA Method 8015M/D: Diesel Range Organics</b> |          |              |      |          |      |
|-----------------------------|-------------------------|----------------|-----------------|-------------|--|----------|--------------|------|----------|------|
| Client ID:                  | <b>5PC-TB @ 5' (21)</b> | Batch ID:      | <b>23594</b>    | RunNo:      | <b>31943</b>                                     |          |              |      |          |      |
| Prep Date:                  | <b>2/5/2016</b>         | Analysis Date: | <b>2/5/2016</b> | SeqNo:      | <b>977241</b>                                    | Units:   | <b>mg/Kg</b> |      |          |      |
| Analyte                     | Result                  | PQL            | SPK value       | SPK Ref Val | %REC   | LowLimit | HighLimit    | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 37                      | 9.8            | 49.12           | 6.708       | 61.6   | 31.2     | 162          | 18.8 | 31.7     |      |
| Surr: DNOP                  | 4.9                     |                | 4.912           |             | 99.6   | 70       | 130          | 0    | 0        |      |

### Qualifiers:

- |   |   |
|---|---|
| * Value exceeds Maximum Contaminant Level.              | B Analyte detected in the associated Method Blank           |
| D Sample Diluted Due to Matrix                          | E Value above quantitation range                            |
| H Holding times for preparation or analysis exceeded    | J Analyte detected below quantitation limits                |
| ND Not Detected at the Reporting Limit                  | P Sample pH Not In Range                                    |
| R RPD outside accepted recovery limits                  | RL Reporting Detection Limit                                |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1602191

02-Mar-16

Client: Blagg Engineering

Project: GCU #304

| Sample ID                     | 1602191-001A MS  | SampType:      | MS        | TestCode:   | EPA Method 8015D: Gasoline Range |          |           |      |          |      |
|-------------------------------|------------------|----------------|-----------|-------------|----------------------------------|----------|-----------|------|----------|------|
| Client ID:                    | 5PC-TB @ 5' (21) | Batch ID:      | R31954    | RunNo:      | 31954                            |          |           |      |          |      |
| Prep Date:                    |                  | Analysis Date: | 2/5/2016  | SeqNo:      | 977483                           | Units:   | mg/Kg     |      |          |      |
| Analyte                       | Result           | PQL            | SPK value | SPK Ref Val | %REC                             | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 19               | 4.1            | 20.73     | 0           | 92.8                             | 59.3     | 143       |      |          |      |
| Surr: BFB                     | 830              |                | 829.2     |             | 100                              | 66.2     | 112       |      |          |      |

| Sample ID                     | 1602191-001A MSD | SampType:      | MSD       | TestCode:   | EPA Method 8015D: Gasoline Range |          |           |      |          |      |
|-------------------------------|------------------|----------------|-----------|-------------|----------------------------------|----------|-----------|------|----------|------|
| Client ID:                    | 5PC-TB @ 5' (21) | Batch ID:      | R31954    | RunNo:      | 31954                            |          |           |      |          |      |
| Prep Date:                    |                  | Analysis Date: | 2/5/2016  | SeqNo:      | 977484                           | Units:   | mg/Kg     |      |          |      |
| Analyte                       | Result           | PQL            | SPK value | SPK Ref Val | %REC                             | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 20               | 4.1            | 20.73     | 0           | 97.4                             | 59.3     | 143       | 4.88 | 20       |      |
| Surr: BFB                     | 840              |                | 829.2     |             | 101                              | 66.2     | 112       | 0    | 0        |      |

| Sample ID                     | 2.5UG GRO LCS | SampType:      | LCS       | TestCode:   | EPA Method 8015D: Gasoline Range |          |           |      |          |      |
|-------------------------------|---------------|----------------|-----------|-------------|----------------------------------|----------|-----------|------|----------|------|
| Client ID:                    | LCSS          | Batch ID:      | R31954    | RunNo:      | 31954                            |          |           |      |          |      |
| Prep Date:                    |               | Analysis Date: | 2/5/2016  | SeqNo:      | 977487                           | Units:   | mg/Kg     |      |          |      |
| Analyte                       | Result        | PQL            | SPK value | SPK Ref Val | %REC                             | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 24            | 5.0            | 25.00     | 0           | 96.2                             | 79.6     | 122       |      |          |      |
| Surr: BFB                     | 1000          |                | 1000      |             | 101                              | 66.2     | 112       |      |          |      |

| Sample ID                     | 5ML RB | SampType:      | MBLK      | TestCode:   | EPA Method 8015D: Gasoline Range |          |           |      |          |      |
|-------------------------------|--------|----------------|-----------|-------------|----------------------------------|----------|-----------|------|----------|------|
| Client ID:                    | PBS    | Batch ID:      | R31954    | RunNo:      | 31954                            |          |           |      |          |      |
| Prep Date:                    |        | Analysis Date: | 2/5/2016  | SeqNo:      | 977488                           | Units:   | mg/Kg     |      |          |      |
| Analyte                       | Result | PQL            | SPK value | SPK Ref Val | %REC                             | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND     | 5.0            |           |             |                                  |          |           |      |          |      |
| Surr: BFB                     | 910    |                | 1000      |             | 90.9                             | 66.2     | 112       |      |          |      |

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1602191

02-Mar-16

Client: Blagg Engineering

Project: GCU #304

| Sample ID                  | <b>100NG BTEX LCS</b> | SampType:      | <b>LCS</b>      | TestCode:   | <b>EPA Method 8021B: Volatiles</b> |          |              |      |          |      |
|----------------------------|-----------------------|----------------|-----------------|-------------|------------------------------------|----------|--------------|------|----------|------|
| Client ID:                 | <b>LCSS</b>           | Batch ID:      | <b>A31954</b>   | RunNo:      | <b>31954</b>                       |          |              |      |          |      |
| Prep Date:                 |                       | Analysis Date: | <b>2/5/2016</b> | SeqNo:      | <b>977496</b>                      | Units:   | <b>mg/Kg</b> |      |          |      |
| Analyte                    | Result                | PQL            | SPK value       | SPK Ref Val | %REC                               | LowLimit | HighLimit    | %RPD | RPDLimit | Qual |
| Benzene                    | 0.99                  | 0.050          | 1.000           | 0           | 99.4                               | 80       | 120          |      |          |      |
| Toluene                    | 1.0                   | 0.050          | 1.000           | 0           | 102                                | 80       | 120          |      |          |      |
| Ethylbenzene               | 1.0                   | 0.050          | 1.000           | 0           | 101                                | 80       | 120          |      |          |      |
| Xylenes, Total             | 3.0                   | 0.10           | 3.000           | 0           | 99.7                               | 80       | 120          |      |          |      |
| Surr: 4-Bromofluorobenzene | 1.2                   |                | 1.000           |             | 116                                | 80       | 120          |      |          |      |

| Sample ID                  | <b>5ML RB</b> | SampType:      | <b>MBLK</b>     | TestCode:   | <b>EPA Method 8021B: Volatiles</b> |          |              |      |          |      |
|----------------------------|---------------|----------------|-----------------|-------------|------------------------------------|----------|--------------|------|----------|------|
| Client ID:                 | <b>PBS</b>    | Batch ID:      | <b>A31954</b>   | RunNo:      | <b>31954</b>                       |          |              |      |          |      |
| Prep Date:                 |               | Analysis Date: | <b>2/5/2016</b> | SeqNo:      | <b>977497</b>                      | Units:   | <b>mg/Kg</b> |      |          |      |
| Analyte                    | Result        | PQL            | SPK value       | SPK Ref Val | %REC                               | LowLimit | HighLimit    | %RPD | RPDLimit | Qual |
| Benzene                    | ND            | 0.050          |                 |             |                                    |          |              |      |          |      |
| Toluene                    | ND            | 0.050          |                 |             |                                    |          |              |      |          |      |
| Ethylbenzene               | ND            | 0.050          |                 |             |                                    |          |              |      |          |      |
| Xylenes, Total             | ND            | 0.10           |                 |             |                                    |          |              |      |          |      |
| Surr: 4-Bromofluorobenzene | 1.1           |                | 1.000           |             | 108                                | 80       | 120          |      |          |      |

### Qualifiers:

- |   |   |
|---|---|
| * Value exceeds Maximum Contaminant Level.              | B Analyte detected in the associated Method Blank           |
| D Sample Diluted Due to Matrix                          | E Value above quantitation range                            |
| H Holding times for preparation or analysis exceeded    | J Analyte detected below quantitation limits                |
| ND Not Detected at the Reporting Limit                  | P Sample pH Not In Range                                    |
| R RPD outside accepted recovery limits                  | RL Reporting Detection Limit                                |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

**Sample Log-In Check List**

Client Name: **BLAGG**

Work Order Number: **1602191**

RcptNo: **1**

Received by/date: *AGM 02/05/16*

Logged By: **Ashley Gallegos** 2/5/2016 8:05:00 AM *AG*

Completed By: **Ashley Gallegos** 2/5/2016 8:38:07 AM *AG*

Reviewed By: *AG* 02/05/16

**Chain of Custody**

- 1. Custody seals intact on sample bottles? Yes  No  Not Present
- 2. Is Chain of Custody complete? Yes  No  Not Present
- 3. How was the sample delivered? Courier

**Log In**

- 4. Was an attempt made to cool the samples? Yes  No  NA
- 5. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
- 6. Sample(s) in proper container(s)? Yes  No
- 7. Sufficient sample volume for indicated test(s)? Yes  No
- 8. Are samples (except VOA and ONG) properly preserved? Yes  No
- 9. Was preservative added to bottles? Yes  No  NA
- 10. VOA vials have zero headspace? Yes  No  No VOA Vials
- 11. Were any sample containers received broken? Yes  No
- 12. Does paperwork match bottle labels? Yes  No   
(Note discrepancies on chain of custody)
- 13. Are matrices correctly identified on Chain of Custody? Yes  No
- 14. Is it clear what analyses were requested? Yes  No
- 15. Were all holding times able to be met? Yes  No   
(If no, notify customer for authorization.)

# of preserved bottles checked for pH: \_\_\_\_\_  
 (<2 or >12 unless noted)  
 Adjusted? \_\_\_\_\_  
 Checked by: \_\_\_\_\_

**Special Handling (if applicable)**

- 16. Was client notified of all discrepancies with this order? Yes  No  NA

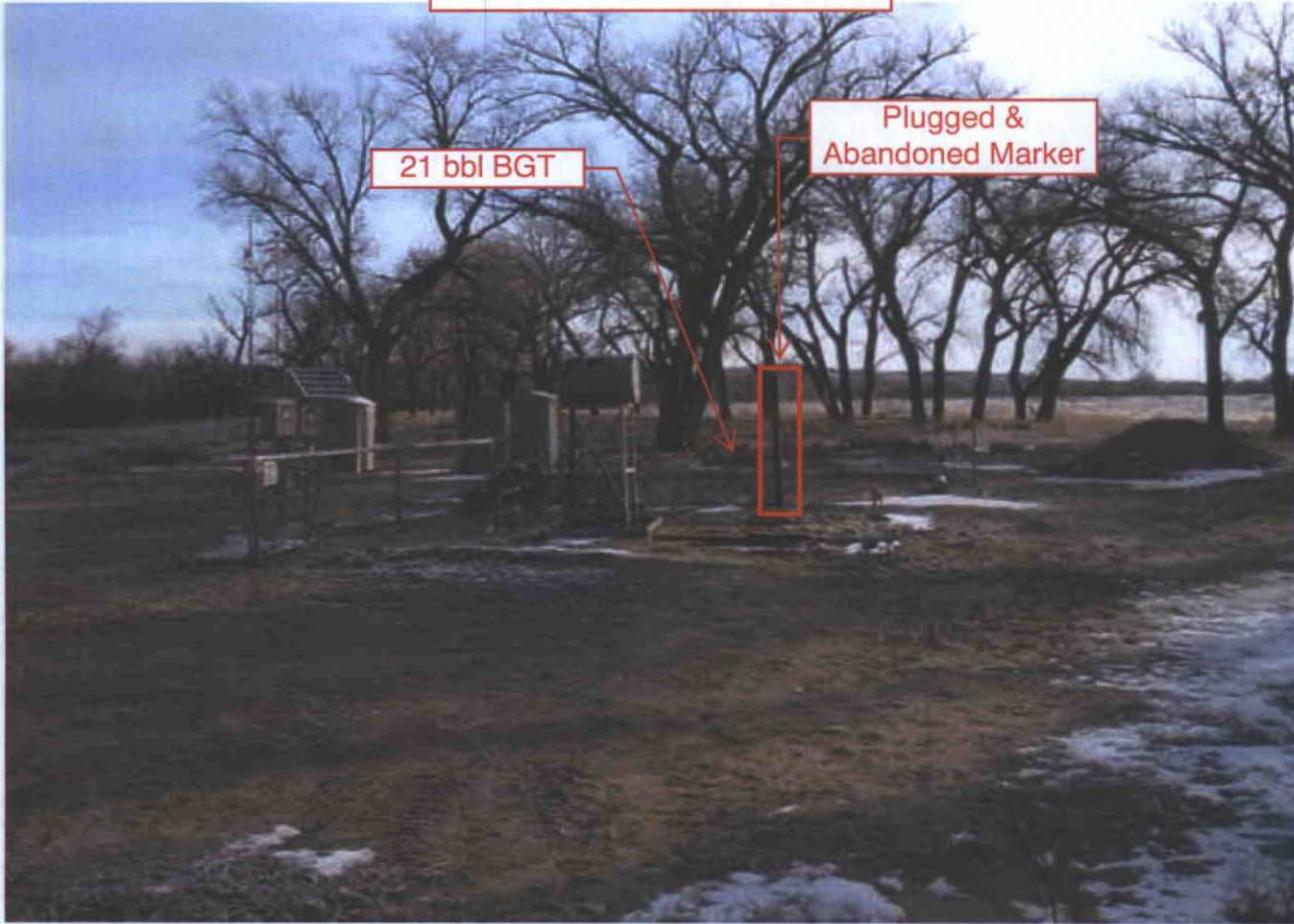
Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

17. Additional remarks:

**18. Cooler Information**

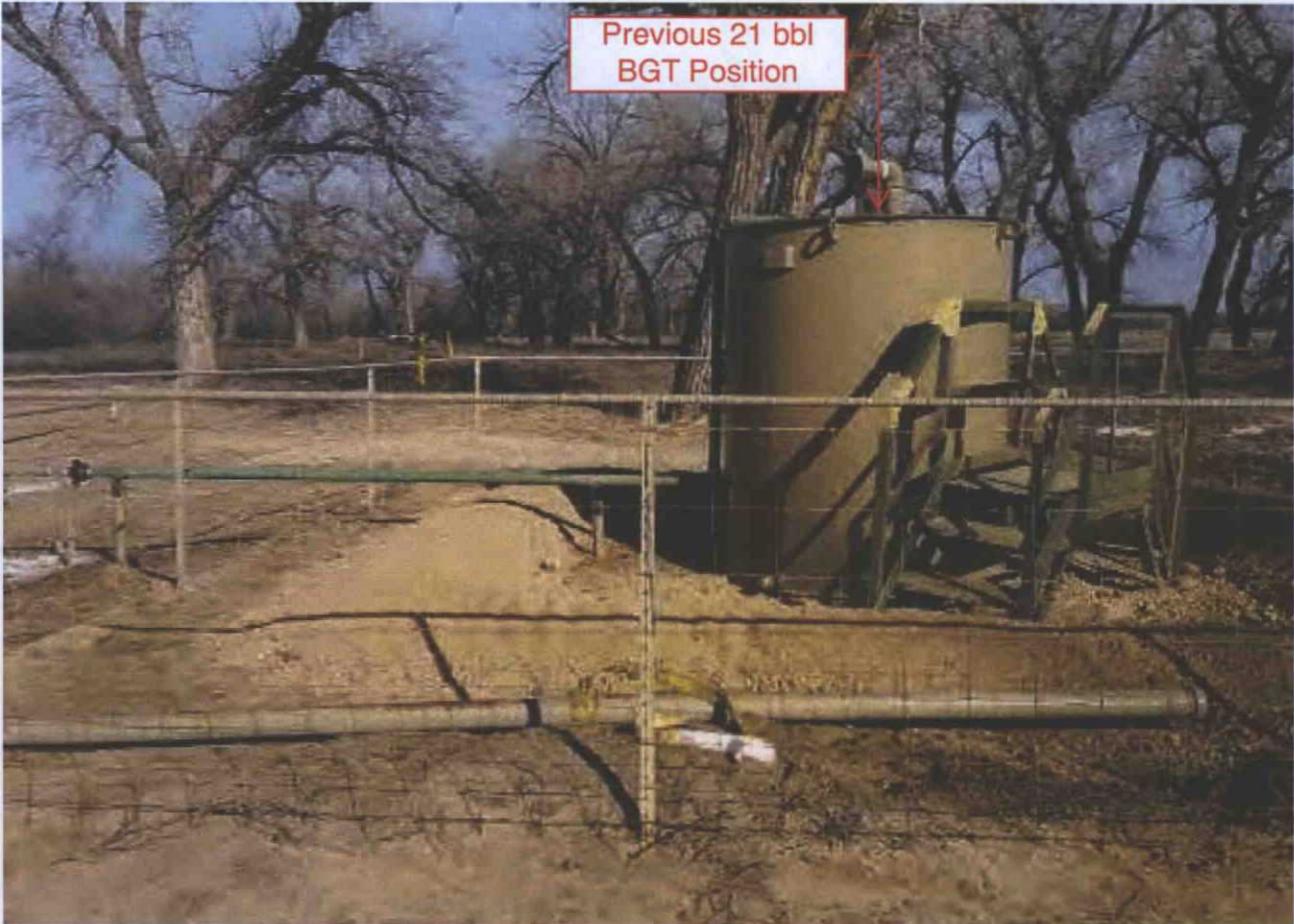
| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1         | 1.1     | Good      | Yes         |         |           |           |

GCU # 304



21 bbl BGT

Plugged & Abandoned Marker



Previous 21 bbl BGT Position



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

January 19, 2016

B Squared Ranch LLC  
Tommy Bolack  
3901 Bloomfield HWY  
Farmington, NM 87401-2831

**VIA CERTIFIED MAIL – RETURN RECEIPT REQUESTED**

Re: Notification of plans to close/remove a below grade tank  
Well Name: GALLEGOS CANYON UNIT 304

Dear Mr. Bolack,

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 January 21, 2016. 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,

Charlie Davis

BP America Production Company

**Moskal, Steven**

---

**From:** Railsback, Farrah (CH2M HILL)  
**Sent:** Thursday, December 10, 2015 8:28 AM  
**To:** Smith, Cory, EMNRD (Cory.Smith@state.nm.us)  
**Cc:** Moskal, Steven; 'blagg\_njv@yahoo.com'; jeffcblagg@aol.com  
**Subject:** BP Pit Close Notification - GALLEGOS CANYON UNIT 304

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

SENT VIA E-MAIL TO: [CORY.SMITH@STATE.NM.US](mailto:CORY.SMITH@STATE.NM.US)

December 10, 2015

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

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

GALLEGOS CANYON UNIT 304  
API 30-045-23939  
(F) Section 33 – T29N – R12W  
San Juan County, New Mexico

Dear Mr. Cory Smith:

In regards to the captioned subject and requirements of the NMOCD pit rule, this letter is notification that BP is planning to close a 21 bbl BGT that will no longer be operational at this well site. We anticipate this work to start on or around December 14, 2015.

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

Sincerely,

Steven Moskal  
BP Field Environmental Coordinator

