Form C-144 July 21, 2008

<u>District I</u>
1625 N. French Dr., Hobbs, NM 88240
<u>District II</u>
1301 W. Grand Avenue, Artesia, NM 88210
<u>District III</u>
1000 Rio Brazos Road, Aztec, NM 87410
<u>District IV</u>
1220 S. St. Francis Dr., Santa Fe, NM 87505

API Number: 3004507741

U/L or Qtr/Qtr C

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

For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office.
For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

County: San Juan County

818	Propose		em, Below-Grade Tank, or Permit or Closure Plan Application	
// 0	Type of action:	Closure of a pit, closed-loop s Modification to an existing pe	stem, below-grade tank, or proposed alternative method ystem, below-grade tank, or proposed alternative method ermit or an existing permitted or non-permitted pit, closed-loop syst	em,
Instr	•		dividual pit, closed-loop system, below-grade tank or alternative rec	quest
Please be advise	ed that approval of this reque	est does not relieve the operator of liab	oility should operations result in pollution of surface water, ground water ly with any other applicable governmental authority's rules, regulations of	or the
Operator: BP	AMERICA PRODUC	TION COMPANY	ogrid #: 778	
) Energy Court, Farmi			
Facility or we	ell name: CALLOW 012			

Township 29.0N

Center of Proposed Design: Latitude 36.68769	Longitude -108.21437	NAD: □1927 × 1983
	e Owner: Federal State Private Tribal Trust or Indian Allotment Subsection F or G of 19.15.17.11 NMAC	
2. Pit: Subsection F or G of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A Lined Unlined Liner type: Thicknessmil LL String-Reinforced	DPE HDPE PVC Other	OIL CONS. DIV. DIST. 3
Liner Seams: Welded Factory Other	Volume:bbl Dimen	sions: L x W x D
intent) Drying Pad Above Ground Steel Tanks Haul-off Bins Lined Unlined Liner type: Thickness mil	Other PVC Other	
Volume: 95.0bbl Type of fluid: Produced Wa		
Tank Construction material: Steel ☐ Secondary containment with leak detection ☐ Visible sidewalls, i ☐ Visible sidewalls and liner ☑ Visible sidewalls only ☐ Other ⊆ Liner type: Thicknessmil ☐ HDPE ☐ PVC	SINGLE WALLED SINGLE BOTTOMED	
5. Alternative Method:		

OCD Permit Number:

Range 13W

Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

()											
Encing: 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, institution or church)	hospital,										
Four foot height, four strands of barbed wire evenly spaced between one and four feet											
Alternate. Please specify 4' Hogwire with single barbed wire											
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)											
8. 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											
Administrative Approvals 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: Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau consideration of approval. Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	office for										
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 accept material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the approoffice or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of a Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to dry above-grade tanks associated with a closed-loop system.	opriate district approval.										
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes 🗷 No										
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 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☑ Yes 🗷 No □ NA										
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	Yes No										
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, 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 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. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☑ 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										
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										

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11.
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:
12. Closed-loop Systems 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.
Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations (only for on-site closure) - 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:
Previously Approved Operating and Maintenance Plan API Number: (Applies only to closed-loop system that use
above ground steel tanks or haul-off bins and propose to implement waste removal for closure)
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 and Structurar 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 ₂ 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
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 Closed-loop System
☐ 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 (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)
Maste 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 F 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 G of 19.15.17.13 NMAC

Form C-144 Oil Conservation Division

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Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.) Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if facilities are required.	
Disposal Facility Name: Disposal Facility Permit Number:	
Disposal Facility Name: Disposal Facility Permit Number:	
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future ser Yes (If yes, please provide the information below) No	
Required for impacted areas which will not be used for future service and operations: 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 I of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	С
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 sou provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate dis considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Just demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.	trict office or may be
Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No
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 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 private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
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. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	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
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
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan 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 F of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements 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 19.15.17.13 NMAC Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Waste Material Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F 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 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 G of 19.15.17.13 NMAC	15.17.11 NMAC

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19. Operator Application Certification:	
I hereby certify that the information submitted with this application is true, accura	ate and complete to the best of my knowledge and belief.
Name (Print): Jeffrey Peace	Title: Field Environmental Advisor
Signature: They H. Rence	Date: 6/14/2010
e-mail address: Peace.Jeffrey@bp.com	Telephone: 505-326-9479
20. OCD Approval: Permit Application (including closure plan) Closure Plan OCD Representative Signature: Title: Environmental Engineer	an (only): OCD Conditions (see attachment) Significantly Significant Signific
21. <u>Closure Report (required within 60 days of closure completion)</u> : Subsection Instructions: Operators are required to obtain an approved closure plan prior t The closure report is required to be submitted to the division within 60 days of to section of the form until an approved closure plan has been obtained and the clo	o implementing any closure activities and submitting the closure report. he completion of the closure activities. Please do not complete this
Closure Method: Waste Excavation and Removal On-Site Closure Method Alterna If different from approved plan, please explain.	tive Closure Method Waste Removal (Closed-loop systems only)
23. Closure Report Regarding Waste Removal Closure For Closed-loop Systems Instructions: Please indentify the facility or facilities for where the liquids, drift two facilities were utilized. Disposal Facility Name: Disposal Facility Name:	Disposal Facility Permit Number: Disposal Facility Permit Number:
Were the closed-loop system operations and associated activities performed on or Yes (If yes, please demonstrate compliance to the items below) No	in areas that will not be used for future service and operations?
Required for impacted areas which will not be used for future service and operation	ons:
Closure Report Attachment Checklist: Instructions: Each of the following ite 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) 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 36.68769 Longitum	and the attached to the closure report. Please indicate, by a check and the closure report. Please indicate, by a check and the closure report. Please indicate, by a check and the closure report. Please indicate, by a check are also as a check and the closure report. Please indicate, by a check are also as a check and the closure report. Please indicate, by a check are also as a check are also a check are also as a check are also a check are also as a check are also a check are also a check are also as a check are also as a check are also
25. Operator Closure Certification:	
I hereby certify that the information and attachments submitted with this closure rebelief. I also certify that the closure complies with all applicable closure requirem	ents and conditions specified in the approved closure plan
Name (Print): Teff Peace	Title: Area Environmental Advisor
Name (Print): Teff Peace Signature: Laff Peace	Title: Area Environmental Advisor Date: April 14, 2014 Telephone: (505) 326-9479
a mail address: noace leffrers @ bp. com	Tolombono (505/ 726-9479

BP AMERICA PRODUCTION COMPANY

SAN JUAN BASIN, NORTHWEST NEW MEXICO

BELOW-GRADE TANK CLOSURE PLAN

<u>Callow 12</u> <u>API No. 3004507741</u> <u>Unit Letter C, Section 33, T29N, R13W</u>

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 approve 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	Release Verification	Sample
	95 bbl BGT	(mg/Kg)	results
Benzene	US EPA Method SW-846 8021B or 8260B	0.2	ND
Total BTEX	US EPA Method SW-846 8021B or 8260B	50	ND
TPH	US EPA Method SW-846 418.1	100	ND
Chlorides	US EPA Method 300.0 or 4500B	250 or background	ND

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 TPH, BTEX and chloride levels were below the stated limits. 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 no release occurred.

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 with in the active process area

The area under the BGT was backfilled with clean soil. The area over the BGT is covered by the LPT and is still within the active well area.

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 is covered by the LPT and is still within the active well area. This area will be reclaimed when the well is plugged and abandoned as part of final reclamation.

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 is covered by the LPT and is still within the active well area. This area will be reclaimed when the well is plugged and abandoned as part of final reclamation.

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 is covered by the LPT and is still within the active well area. This area will be reclaimed when the well is plugged and abandoned as part of final reclamation.

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 when the well is 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 revegetation.

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
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811 S. First St., Artesia, NM 88210
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1000 Rio Brazos Road, Aztec, NM 87410
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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.

			Rele	ase Notific	cation	and Co	orrective A	ction				
						OPERA	ГOR		Initial	al Report 🛛 Final Report		
Name of Co					(Contact: Jef	f Peace					
		Court, Farmi	ngton, Ni	M 87401			No.: 505-326 - 94					
Facility Na	me: Callov	v 12	 			Facility Typ	e: Natural gas v	well				
Surface Ow	ner: Privat	te		Mineral C)wner: I	Federal			API No	. 3004507741		
				LOCA	ATION	OF RE	LEASE					
Unit Letter C	Section 33	Township 29N	Range 13W	Feet from the 890	North/ North	South Line	Feet from the 1,820	East/W West	/est Line	County: San Juan		
		·				Longitud	e108.21437_	L				
		Zati				OF REL						
Type of Rele	ase: none						Release: N/A		Volume F	Recovered: N/A		
Source of Re	lease: belov	v grade tank –	95 bbl			Date and F N/A	lour of Occurrence	e:	Date and	Hour of Discovery: N/A		
Was Immedi	ate Notice (If YES, To	Whom?					
		Ш	Yes ∐	No Not Ro	equired ————							
By Whom? Was a Water	course Reac	hed?		.		Date and I	lour lume Impacting t	he Water	roource			
was a water	course reac		Yes 🛚	No		11 125, 70	name impacting t	iic water	reourse.			
If a Watercou	ırse was Im	pacted, Descri	be Fully.*			<u> </u>						
							the BGT was done ysis results are att		g removal t	o ensure no soil impacts from		
		and Cleanup A d and is covere			moved an	nd the area u	nderneath the BG	T was sa	impled. Th	ne excavated area was		
regulations al public health should their of or the environ	I operators or the envir operations hament. In a	are required to conment. The ave failed to a	report and acceptance dequately CD accept	d/or file certain re e of a C-141 repo investigate and re	elease no ort by the emediate	otifications ar NMOCD made contaminati	nd perform correctarked as "Final Room that pose a thre	tive action eport" do eat to gro	ons for rele ses not reli ound water	uant to NMOCD rules and eases which may endanger eve the operator of liability, surface water, human health ompliance with any other		
0	00	Ω					OIL CONS	SERV.	ATION	DIVISION		
Signature:	SH	19see										
Printed Name	: Jeff Peace	e			A	Approved by	Environmental Sp	pecialist:				
Title: Area E	nvironment	al Advisor			A	Approval Dat	e:	E	xpiration I	Date:		
E-mail Addre	ess: peace.je	ffrey@bp.com	1	<u>-</u>		Conditions of	Approval:			Attached		
Date: April I	4, 2014		Phone: 50	5-326-9479								

^{*} Attach Additional Sheets If Necessary

BP BP			API#: 3004507741									
CLIENT:	-	•	TANK ID (if applicble):									
FIELD REPORT:	(circle one): BGT CONFIRMATION / RELEASE INVESTIG	GATION / OTHER:	PAGE #:1 of1_									
SITE INFORMATION	: SITE NAME: CALLOW #12		DATE STARTED: 02/21/14									
QUAD/UNIT: C SEC: 33 TWP:	29N RNG: 13W PM: NM CNT	y: SJ st: NM										
1/4-1/4/FOOTAGE: 890'N / 1,820	W NE/NW LEASE TYPE: FEDERAL	./STATE/FEE INDIAN										
LEASE #:	SPECIALIST(S): JCB											
			<u> </u>									
, – –												
1	GPS COORD.: DISTANCE MPLING DATA: CHAIN OF CUSTODY RECORD(S) # OR LAB USED: HALL MPLE ID: 95 BGT 5 pt. @ 4' SAMPLE DATE 02/21/14 SAMPLETIME 1150 LABANALYSIS 418 MPLE ID: SAMPLE DATE SAMPLETIME LABANALYSIS DEL COLOR: MODERATE BROWN N (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRE COMPOSITE / STENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE VERY DENSE HIGHLY COHESIVE CLAYS & SILTS): SOFT / FIRE DRY SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED ETYPE: GRAB COMPOSITE / # OF PTS. 5 ANY AREAS DISPLAYING WETNESS: VES / NO EXPLANATION -											
SAMPLING DATA:	CHAIN OF CUSTODY RECORD(S) # OR LAB USED:	HALL	OVM READING									
1) SAMPLE ID: 95 BGT 5 pt. @												
			, ,									
3) SAMPLEID:	SAMPLE DATE: SAMPLE TIME:	LAB ANALYSIS:										
4) SAMPLE ID:	SAMPLE DATE: SAMPLE TIME:	LAB ANALYSIS:										
SOIL DESCRIPTION	SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / C	LAY/GRAVEL OTHER BEDR	OCK (SANDSTONE @ 4' B.G.)									
SOIL COLOR: MOE												
		D: YES (NO) EXPLANATION -										
SAMPLE TYPE: GRAB COMPOSITE-#	OF PTS. 5 ANY AREAS DISPLAY	/ING WETNESS: YES / NO EXPLA	NATION - FROM RECENT PRECIPITATION.									
		TION -										
		P BGT POSITION.										
OTHER: BGT - 15 FT. DIAMETER WITH I	BEAMS WELDED TO ITS BOTTOM.											
SOIL IMPACT DIMENSION ESTIMATION	NA ft. X NA ft. X NA	ft. EXCAVATION ES	TIMATION (Cubic Yards) : NA									
SITE SKETCH	BGT Located : off on site PLOT PL	_AN circle: attached OW	ICALIB READ = 100 1 npm									
·												
	BERM											
		.,,	MISCELL NOTES									
	W.H.	7 , ppop V										
	• / /											
	E.D. ~ 4'	<u> </u>										
9		3.~4'										
31	PARATUR	Ta	nk OVM = Organic Vapor Meter									
	~											
X-SPD		TO EPHEMERAL CHANNEL	BGT Sidewalls Visible: Y / N									
NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCAVATI		; ~ = APPROX.; W.H. = WELL HEAD;	TANK ID (if applicble): PAGE #: 1 of 1 DATE STARTED: 02/21/14 DATE FINISHED: ENVIRONMENTAL SPECIALIST(S): JCB SEARING FROM WH:: SEARING FROM									
FIELD REPORT: (circle one): [ST COURNATION] RELEASE INVESTIGATION / OTHER FIELD REPORT: (circle one): [ST COURNATION] RELEASE INVESTIGATION / OTHER PAGE #: 1 of 1 SITE INFORMATION: SIEMME CALLOW#12 QUADUMIT C sec 33 TMP 28N Rep. 13W PM NM CNTY SJ ST NM LIM-HAPPOOTAGE 890*N /1,820*W NE/NW LEASE TYPE: FEDERAL / STATE / FEET INDIAN LEASE # PROD FORMATION: DK CONTRACTOR: MRF ** P. ALEXANDER PROD FORMATION: WELL HEAD WHY) GIPS COOPED 36.68768 X 108.21455 OPE COOPED 36.68769 X 108.21437 OPE COOPED 36.68769 X 108.21437												
		00/04/44										

revised: 11/26/13

Analytical Report

Lab Order 1402B43

Date Reported: 3/6/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: 95 BGT 5-pt @ 4'

Project: Callow 12

Collection Date: 2/21/2014 11:50:00 AM

Lab ID: 1402B43-001

Received Date: 2/28/2014 10:00:00 AM

Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGI	E ORGANICS				Analys	t: BCN
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	3/4/2014 2:08:42 PM	11965
Surr: DNOP	94.9	66-131	%REC	1	3/4/2014 2:08:42 PM	11965
EPA METHOD 8015D: GASOLINE RA	NGE				Analys	t: JMP
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	3/5/2014 11:37:39 AM	11962
Surr: BFB	82.2	74.5-129	%REC	1	3/5/2014 11:37:39 AM	11962
EPA METHOD 8021B: VOLATILES					Analys	t: JMP
Benzene	ND	0.047	mg/Kg	1	3/5/2014 11:37:39 AM	11962
Toluene	ND	0.047	mg/Kg	1	3/5/2014 11:37:39 AM	11962
Ethylbenzene	ND	0.047	mg/Kg	1	3/5/2014 11:37:39 AM	11962
Xylenes, Total	ND	0.095	mg/Kg	1	3/5/2014 11:37:39 AM	11962
Surr: 4-Bromofluorobenzene	94.8	80-120	%REC	1	3/5/2014 11:37:39 AM	11962
EPA METHOD 300.0: ANIONS					Analys	: JRR
Chloride	ND	30	mg/Kg	20	3/4/2014 4:32:05 PM	12007
EPA METHOD 418.1: TPH					Analys	BCN
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	3/4/2014	11967

Matrix: SOIL

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Page 1 of 7

- P Sample pH greater than 2.
- RL Reporting Detection Limit

Client:	Blagg Engi	neering, In	c. 	Standard]	AN	AL	YSI	S L	AB	OR	AT()R	Y
	BP America	a		Project Name	9:					٧	vww.	hallen	viron	nent	al.co	m		
Mailing Addr	ess:	P.O. Box	, 87		Callow 12			490	1 H:			E - A					na	
			eld, NM 87413	Project #:			1					/\ 75					03	
Phone #:		(505)320)-1183				9					alysis					20. W	1 mg 1
email or Fax	-#·	(+/		Project Mana	ner													
				i rojest mane	Jeff Blagg													
QA/QC Packa	•		☐ Level 4 (Full Validation	1	Jen Diagg				ଚା									1
Standard			,		I-# Diam.		_		Ř		İ							
☐ Other ☐ EDD (Type				Sampler: On Ice:	Jeff Blagg Æ∖Yes	/m Na	8:		(GRO / DRO)									Z
L EDD (1)	De)			Sample Tem		14)			8					İ				ō
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type		BTEX (8021)		TPH 8015B (TPH 418.1						:	Chloride	Air Bubbles (Y or N)
02/21/2014	11:50	Soil	95 BGT 5-pt @ 4'	40z x 1	cool	-601	x		x	х] ;	x	
							1-1						1			\top	十	+
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				<u> </u>			_			_		_ _	-					_
																	\Box	
Date:	Time:	Relinquish	ed by:	Received by:	<u> </u>	Date Time	Ren	narks:	Bi	II BP							I. —	
27/2014	1012	Jeg	4 Slegg	Spriatur	Waeter	2/27/14 1012		key: 2 Conta					Dioos	0 001	n) (FO)	oulto :	to:	
Date:	Time:	Refinquish	ed by:	Received by:	/]	Date Time		ce.jefl					Pleas	e coj	by res	suits (iO.	
2/27/14	1728	Phri	otu Walser	Mhier	Anllege	5 1000		,	,	æ~p	. 55111		•					
If nec	cessary, samples	submitted to H	lall Environmental may be subcontract	ed to other accredite	d laboratories.	s serves as notice of this possi	bility. Ar	ny sub-c	ontra	cted da	ita will	be clear	ly notate	d on th	e analy	rtical rep	port.	

Hall Environmental Analysis Laboratory, Inc.

WO#:

1402B43

06-Mar-14

Client:

Blagg Engineering

Project:

Callow 12

Sample ID MB-12007

SampType: MBLK

TestCode: EPA Method 300.0: Anions

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 12007

RunNo: 17106

Prep Date: 3/4/2014 Analysis Date: 3/4/2014 PQL

SeqNo: 491915

Units: mg/Kg

%RPD

Analyte

Result

SPK value SPK Ref Val %REC

0

LowLimit

HighLimit

RPDLimit

Qual

Chloride

ND 1.5

Sample ID LCS-12007

SampType: LCS Batch ID: 12007

RunNo: 17106

Client ID: LCSS Prep Date: 3/4/2014

Analysis Date: 3/4/2014

SeqNo: 491916

Units: mg/Kg

%RPD

Analyte

SPK value SPK Ref Val %REC LowLimit

HighLimit

1.5

97.8

110

RPDLimit

Qual

Chloride

Result 15

15.00

Qualifiers:

S

Value exceeds Maximum Contaminant Level

Value above quantitation range Е

Analyte detected below quantitation limits J

Spike Recovery outside accepted recovery limits

0 RSD is greater than RSDlimit

RPD outside accepted recovery limits R

В

Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

Sample pH greater than 2.

Reporting Detection Limit

Not Detected at the Reporting Limit Page 2 of 7

Hall Environmental Analysis Laboratory, Inc.

WO#:

1402B43

06-Mar-14

Client:

Blagg Engineering

Project:

Callow 12

Sample ID MB-11967

SampType: MBLK

TestCode: EPA Method 418.1: TPH

Client ID: PBS

Batch ID: 11967

PQL

20

RunNo: 17060

3/3/2014

Analysis Date: 3/4/2014

SeqNo: 490706

Units: mg/Kg

HighLimit

%RPD

%RPD **RPDLimit** Qual

Petroleum Hydrocarbons, TR

Client ID:

Analyte

Prep Date:

Analyte

ND

Result

Result

Result

92

85

Sample ID LCS-11967 LCSS

SampType: LCS

Batch ID: 11967

PQL

20

TestCode: EPA Method 418.1: TPH RunNo: 17060

SPK value SPK Ref Val %REC LowLimit

0

LowLimit

LowLimit

80

Prep Date: 3/3/2014

Analysis Date: 3/4/2014

SeqNo: 490707

Units: mg/Kg HighLimit

120

RPDLimit

Qual

Petroleum Hydrocarbons, TR

Sample ID LCSD-11967 SampType: LCSD

TestCode: EPA Method 418.1: TPH

%REC

85.1

RunNo: 17060

Client ID: LCSS02 Prep Date: 3/3/2014

Batch ID: 11967 Analysis Date: 3/4/2014

SPK value SPK Ref Val

SeqNo: 490708

Units: mg/Kg

%RPD

RPDLimit Qual

Analyte Petroleum Hydrocarbons, TR

SPK value SPK Ref Val 20

100.0

100.0

0

%REC 92.4

80

HighLimit 120

8.25

20

Qualifiers:

Ē

Value exceeds Maximum Contaminant Level.

Analyte detected below quantitation limits J

Value above quantitation range

RSD is greater than RSDlimit 0 R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

Analyte detected in the associated Method Blank В

Η Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Sample pH greater than 2.

Reporting Detection Limit RL

Page 3 of 7

Hall Environmental Analysis Laboratory, Inc.

WO#:

1402B43

06-Mar-14

Client:

Blagg Engineering

Calle

Sample ID MB-11965	Sampl	уре: МЕ	BLK	TestCode: EPA Method 8015D: Diesel Range Organics							
Client ID: PBS	Batcl	n ID: 11	965	F	RunNo: 1	7073					
Prep Date: 3/3/2014	Analysis Date: 3/4/2014			5	SeqNo: 4	91074	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	ND	10									
Surr: DNOP	9.5		10.00		95.2	66	131				
Sample ID LCS-11965	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015D: Dies	el Range (Organics		
Client ID: LCSS	Batcl	iD: 11 !	965	F	RunNo: 1	7073					
Prep Date: 3/3/2014	Analysis D	ate: 3/	4/2014	9	SeqNo: 4	91080	Units: mg/k	ίg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	47	10	50.00	0	94.4	60.8	145				
Surr: DNOP	3.6		5.000		71.3	66	131				

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Value above quantitation range
- Analyte detected below quantitation limits
- RSD is greater than RSDlimit О
- RPD outside accepted recovery limits R
- Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Sample pH greater than 2.
- RL Reporting Detection Limit

Page 4 of 7

Hall Environmental Analysis Laboratory, Inc.

WO#:

1402B43 06-Mar-14

Client:

Blagg Engineering

Project:

Callow 12

Sample ID 5	ML RB
-------------	-------

SampType: MBLK

TestCode: EPA Method 8015D: Gasoline Range

74.5

TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS

Batch ID: R17094

RunNo: 17094

Prep Date:

Analysis Date: 3/4/2014

SeqNo: 491583

Units: %REC

96.0

Analyte

Result

Surr: BFB

960

SPK value SPK Ref Val %REC 1000

LowLimit

HighLimit

129

%RPD

RPDLimit Qual

Sample ID 2.5UG GRO LCS

SampType: LCS

Client ID: LCSS

Batch ID: R17094

POL

RunNo: 17094

Prep Date:

Analysis Date: 3/4/2014

SeqNo: 491584

Units: %REC

Analyte

Result 1000 SPK value SPK Ref Val

%REC LowLimit HighLimit

%RPD **RPDLimit**

Surr: BFB

102

Qual

1000

74.5 129

Sample ID MB-11962

SampType: MBLK

TestCode: EPA Method 8015D: Gasoline Range

129

Client ID: Prep Date: 2/28/2014

PBS

Batch ID: 11962 Analysis Date: 3/4/2014

PQL

5.0

RunNo: 17086

SegNo: 491635

Units: mg/Kg

Analyte

ND

SPK value SPK Ref Val

SPK value SPK Ref Val %REC LowLimit

HighLimit

%RPD **RPDLimit**

Gasoline Range Organics (GRO)

Result 810

1000

80.6

74.5

Qual

Surr: BFB

Sample ID LCS-11962

Client ID: LCSS

Result

Result

Result

910

27

SampType: LCS

TestCode: EPA Method 8015D: Gasoline Range

HighLimit

134

129

%RPD

%RPD

%RPD

Prep Date: 2/28/2014

Batch ID: 11962 Analysis Date: 3/4/2014

PQL

Batch ID: R17108

POI.

Batch ID: R17108

PQL

Analysis Date: 3/5/2014

Analysis Date: 3/5/2014

5.0

RunNo: 17086 SeqNo: 491636

%REC

LowLimit

Units: mg/Kg

RPDLimit

Qual

Qual

Qual

Analyte Gasoline Range Organics (GRO) Surr: BFB

Sample ID MB-12008 MK

PBS

920

SampType: MBLK

1000

1000

25.00 0 1000

109 71.7 91.5 74.5

TestCode: EPA Method 8015D: Gasoline Range

RunNo: 17108

SeqNo: 492293

HighLimit

Units: %REC

RPDLimit

RPDLimit

Prep Date: Analyte Surr: BFB

Client ID:

810

SPK value SPK Ref Val %REC

> 81.1 74.5 129

Sample ID LCS-12008 MK LCSS

SampType: LCS

TestCode: EPA Method 8015D: Gasoline Range

%REC

90.5

SeqNo: 492294

RunNo: 17108

LowLimit

74.5

Lowl imit

Units: %REC

HighLimit

129

Page 5 of 7

Prep Date: Analyte Surr: BFB

Client ID:

Ī

S

- **Oualifiers:**
- Value above quantitation range E
- 0 RSD is greater than RSDlimit
- Value exceeds Maximum Contaminant Level.
- Analyte detected below quantitation limits
- Analyte detected in the associated Method Blank В
- Н Holding times for preparation or analysis exceeded
- Reporting Detection Limit
- R RPD outside accepted recovery limits

Spike Recovery outside accepted recovery limits

SPK value SPK Ref Val

Not Detected at the Reporting Limit Sample pH greater than 2.

Hall Environmental Analysis Laboratory, Inc.

WO#:

1402B43

06-Mar-14

Client:

Blagg Engineering

Project:

Callow 12

Sample ID MB-12010

SampType: MBLK

TestCode: EPA Method 8015D: Gasoline Range

Client ID:

PBS

Batch ID: 12010

RunNo: 17108

Prep Date: 3/4/2014 Analysis Date: 3/5/2014

840

SeqNo: 492296

Units: %REC

129

Analyte

Result

PQL SPK value SPK Ref Val %REC

84.1

HighLimit

RPDLimit Qual

Surr: BFB

TestCode: EPA Method 8015D: Gasoline Range

Sample ID LCS-12010

Client ID: LCSS SampType: LCS

RunNo: 17108

Prep Date: 3/4/2014 Batch ID: 12010

PQL

Units: %REC

Analysis Date: 3/5/2014

SeqNo: 492297

Analyte

SPK value SPK Ref Val

1000

74.5

%RPD

RPDLimit

Quai

1000

%REC 90.6 LowLimit

Surr: BFB

Result 910

LowLimit

74.5

%RPD

HighLimit 129

Qualifiers:

E

- Value exceeds Maximum Contaminant Level.
- Analyte detected below quantitation limits J
- R RPD outside accepted recovery limits

Value above quantitation range

- 0 RSD is greater than RSDlimit
- Spike Recovery outside accepted recovery limits S
- Analyte detected in the associated Method Blank В
- Η Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit Sample pH greater than 2.
- Reporting Detection Limit

Page 6 of 7

Hall Environmental Analysis Laboratory, Inc.

WO#:

1402B43

06-Mar-14

Client:

Blagg Engineering

Project:

Callow 12

Sample ID 5ML RB

SampType: MBLK

TestCode: EPA Method 8021B: Volatiles

Client ID:

PBS

Batch ID: R17094

PQL

RunNo: 17094

LowLimit

120

Prep Date:

Analysis Date: 3/4/2014

SeqNo: 491611 %REC

Units: %REC

Analyte Surr: 4-Bromofluorobenzene Result 1.1 SPK value SPK Ref Val

109

HighLimit

SampType: LCS

TestCode: EPA Method 8021B: Volatiles

Client ID:

LCSS

Sample ID 100NG BTEX LCS2

2/28/2014

Batch ID: R17094

RunNo: 17094

80

LowLimit

80

Prep Date:

Analysis Date: 3/4/2014

SeqNo: 491612

107

Units: %REC

Analyte

Prep Date:

Result **PQL** 1.1

SPK value SPK Ref Val

1.000

1.000

%REC

HighLimit

RPDLimit

RPDLimit

Qual

Qual

Surr: 4-Bromofluorobenzene

SampType: MBLK

TestCode: EPA Method 8021B: Volatiles

SPK value SPK Ref Val %REC LowLimit

120

%RPD

%RPD

Sample ID MB-11962 Client ID: PBS

Batch ID: 11962

RunNo: 17086

Analysis Date: 3/4/2014

SeqNo: 491658

Units: mg/Kg

HighLimit %RPD **RPDLimit** Qual

RPDLimit

Qual

Analyte Result **PQL** ND 0.050 Benzene ND 0.050 Toluene Ethylbenzene ND 0.050 NΩ Xylenes, Total 0.10 0.93

Surr: 4-Bromofluorobenzene Sample ID LCS-11962

Client ID: LCSS

SampType: LCS Batch ID: 11962

TestCode: EPA Method 8021B: Volatiles

93.0

RunNo: 17086

80

120

Prep Date: 2/28/2014	Analysis Date: 3/4/2014			SeqNo: 491659			Units: mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD
Benzene	1.1	0.050	1.000	0	112	80	120	
Toluene	1.2	0.050	1.000	0	117	80	120	
Ethylbenzene	1.1	0.050	1.000	0	114	80	120	
Xylenes, Total	3.4	0.10	3.000	0	115	80	120	
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120	

1.000

Qualifiers:

- Value exceeds Maximum Contaminant Level
- Value above quantitation range Е
- Analyte detected below quantitation limits
- RSD is greater than RSDImit 0
- RPD outside accepted recovery limits R
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Sample pH greater than 2.
- Reporting Detection Limit

Page 7 of 7



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: **BLAGG** Work Order Number: 1402B43 RcptNo: 1 Received by/date: Logged By: Michelle Garcia 2/28/2014 10:00:00 AM 2/28/2014 2:15:13 PM Completed By: Michelle Garcia 02 28/14 Reviewed By: To Chain of Custody Yes 🗀 No 🗀 Not Present 1. Custody seals intact on sample bottles? No 🗔 Yes V Not Present 2. Is Chain of Custody complete? 3 How was the sample delivered? Courier Log In 4. Was an attempt made to cool the samples? Yes 🗸 NA ... NA 🗔 5. Were all samples received at a temperature of >0° C to 6.0°C Yes 🔽 No 🗔 Yes 🔽 6. Sample(s) in proper container(s)? Yes 🗸 7. Sufficient sample volume for indicated test(s)? Yes 🗸 8. Are samples (except VOA and ONG) properly preserved? Nο NA ... Yes No 🗸 9. Was preservative added to bottles? 10.VOA vials have zero headspace? Yes [No 🗔 No VOA Vials V No 🗹 11. Were any sample containers received broken? # of preserved bottles checked for pH: 12. Does paperwork match bottle labels? Yes 🗸 No 🗔 (<2 or >12 unless noted) (Note discrepancies on chain of custody) Adjusted? Yes 🗸 13. Are matrices correctly identified on Chain of Custody? No 14. Is it clear what analyses were requested? Checked by: 15. Were all holding times able to be met? No (If no, notify customer for authorization.) Special Handling (if applicable) Yes 🗌 No 🗌 NA 🗸 16. Was client notified of all discrepancies with this order? Person Notified: Date: eMail Phone Fax In Person By Whom: Regarding: Client Instructions: 17. Additional remarks: 18. Cooler Information Codler No Temp C Condition Seal Intact Seal No Seal Date Signed By

BP America Production Company

200 Energy Court Farmington, NM 87401 Phone: (505) 326-9200

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

January 30, 2014

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

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

CALLOW 012 API 30-045-24296 (G) Section 33 – T29N – R13W 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 95 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,

Jeff Peace

BP Field Environmental Advisor

(505) 326-9479





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

January 30, 2014

B Square Ranch Tommy Bolack 3901 Bloomfield Hwy Farmington, NM 84701

VIA CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Re: Notification of plans to close/remove a below grade tank

Well Name: CALLOW 012

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 March 7, 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



