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

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-144 Revised April 3, 2017

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 Proposed Alternative Method Permit or Closure Plan Application

Type of action: Below grade tank registration Permit of a pit or proposed alternative method Closure of a pit, below-grade tank, or proposed alternative method Modification to an existing permit/or registration Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request
Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.
Operator: BP America Production Company Address: 200 Energy Court, Farmington, NM 87401 Facility or well name: GCU 189E API Number: 3004524839 OCD Permit Number: U/L or Qtr/Qtr K Section 36 Township 29N Range 13W County: San Juan Center of Proposed Design: Latitude 36.67968 Surface Owner: Federal State Private Tribal Trust or Indian Allotment
Pit: Subsection F, G or J of 19.15.17.11 NMAC APR 2 3 2018 Temporary: Drilling Workover DISTRICT III 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
Below-grade tank: Subsection I of 19.15.17.11 NMAC Volume: 95
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.
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



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)	
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	
Variances and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a box if one or more of the following is requested, if not leave blank: Variance(s): Requests must be submitted to the appropriate division district for consideration of approval. Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	
9. Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptance are provided below. Siting criteria does not apply to drying pads or above-grade tanks.	ptable source
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
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
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)	1
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.	☐ Yes ☐ No
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	
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 300 feet 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. Y 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								
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							
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 N Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the doc 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 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. and 19.15.17.13 NMAC Previously Approved Design (attach copy of design) API Number: or Permit Number:	NMAC 15.17.9 NMAC							
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 doc 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. 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:	15.17.9 NMAC							

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 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 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 F						
☐ 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 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						
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 sour provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. In 19.15.17.10 NMAC for guidance.						
Ground water is less than 25 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 between 25-50 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 ☐ 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 ☐ 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). - 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 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. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	Yes No					
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ 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 N Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance						

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
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plans 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. Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19. 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 cann 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	.11 NMAC 15.17.11 NMAC
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 believed.	
Name (Print): Title:	
Signature: Date:	
e-mail address: Telephone:	
e-mail address: Telephone:	10018
18. OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Approval Date: OCD Permit Number:	10018
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Title: OCD Permit Number: OCD Permit Number: 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 is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not section of the form until an approved closure plan has been obtained and the closure activities have been completed.	the closure report.
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Title: OCD Permit Number: OCD Permit Number: 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 is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not	the closure report.
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Title: OCD Permit Number: 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 is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date: 2/21/2018	the closure report.

22. Operator Closure Certification:	
I hereby certify that the information and attachments submitte	ed with this closure report is true, accurate and complete to the best of my knowledge and able closure requirements and conditions specified in the approved closure plan.
Name (Print): Erin Garifalos	Title: Field Environmental Coordinator
Signature:UTIN garifialos	Date: April 19, 2018
e-mail address: erin.garifalos@bp.com	Telephone: (832) 609-7048

BP AMERICA PRODUCTION COMPANY

SAN JUAN BASIN, NORTHWEST NEW MEXICO

BELOW-GRADE TANK CLOSURE PLAN

GCU 189E

API No. 3004524839

Unit Letter K Section 36 T 29N R 13W

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 was provided and 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 for recycling.

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	10	< 0.019
Total BTEX	US EPA Method SW-846 8021B or 8260B	50	< 0.076
TPH	US EPA Method SW-846 418.1 or 8015 extended	100	<46
Chlorides	US EPA Method 300.0 or 4500B	620	<30

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 for chloride, TPH and BTEX with all concentrations below the stated limits. The field report and laboratory reports are attached.

7. BP shall notify the division District III office of its results on form C-141. **C-141** is attached.

8. If it is determined that a release has occurred, then BP will comply with 19.15.30 NMAC and 19.15.29 NMAC, as appropriate.

Sampling results indicate a release has not occurred. Attached is a laboratory report and C-141.

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

Sampling results indicate a release has not occurred. Attached is a laboratory report and field report. The location will be reclaimed when the well is plugged and abandoned.

10. BP shall reclaim the BGT location and all areas associated with the BGT including associated access roads to a safe and stable condition that blends with the surrounding undisturbed area. BP shall substantially restore the impacted surface area to the condition that existed prior to oil and gas operations by placement of the soil cover as provided in Subsection H of 19.15.17.13 NMAC, re-contour the location and associated areas to a contour that approximates the original contour and blends with the surrounding topography and re-vegetate according to Subsection I of 19.15.17.13 NMAC.

The area has been backfilled and the BGT location's surface condition is clear, but within the site's operational area. The location will be reclaimed once the well is plugged and abandoned.

11. The soil cover for closures where the BGT has been removed or remediated to the NMOCD's satisfaction shall consist of the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater. The soil cover will be constructed to the site's existing grade and all practicable efforts will be made to prevent ponding of water and erosion of the cover material.

The area has been backfilled and the BGT location's surface condition is clear, but within the site's operational area. The location will be reclaimed once the well is plugged and abandoned.

12. BP shall seed the disturbed area the first growing season after closure of the BGT. Seeding will be accomplished by drilling on the contour whenever practical or by other division-approved methods. Vegetative cover will be, at a minimum, 70% of the native perennial vegetative cover (un-impacted by overgrazing, fire or other intrusion damaging to native vegetation), consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintenance of that cover through two successive growing seasons. During the two growing seasons that prove viability, there shall be no artificial irrigation of the vegetation.

The area has been backfilled and the BGT location's surface condition is clear, but within the site's operational area. The location will be reclaimed once the well is plugged and abandoned.

13. BP shall seed, plant and re-seed pursuant to Paragraph (3) of Subsection I of 19.15.17.13 NMAC, until the location successfully achieves the required vegetative cover.

The area has been backfilled and the BGT location's surface condition is clear, but within the site's operational area. The location will be reclaimed once 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.

The area has been backfilled and the BGT location's surface condition is clear, but within the site's operational area. The location will be reclaimed once the well is plugged and abandoned.

- 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.

BP did not meet the 60 closure completion requirement due to an error in internal tracking. Closure report on C-144 form is included including photos of reclamation completion.

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.

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State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe. NM 87505 Form C-141 Revised April 3, 2017 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Santa Fe, NM 87505

Release Notification and Corrective Action

						OPERA'	ГOR		Initia	al Report		Final Report
			tion Company		Contact Erin Garifalos							
			rmingto	n, NM 87401			No. (832) 609-					
Facility Nar	ne GCU 1	189E				Facility Typ	e: Natural Ga	as We	ell			
Surface Ow	ner: Fee		Mineral O	wner:	:: Fee API No. 3004524839							
						OF RE						
Unit Letter	Section	Township	Range	Feet from the	-	South Line	Feet from the		West Line	County		1
K 36 29N 13W 1,560 So						ıth	2,025	We	st	5	an	Juan
Latitude 36.67968 Longitude -108.15970 NAD83												
				NAT	URE	OF REL	EASE					
Type of Rele	ase:: none)					Release:: unkno			Recovered::		
Source of Re	belo	w grade tar	nk - 95	obl		n/a	lour of Occurrence	e:	n/a	Hour of Disc	covery:	
Was Immedia		Given?		No Not Re	quired	If YES, To	Whom?					
By Whom?						Date and H	lour					
Was a Water	course Reac		Yes 🗸	No		If YES, Vo	lume Impacting t	the Wat	ercourse.			
If a Watercon	irse was Im	pacted, Descri	be Fully.*									
Describe Cau	se of Proble	em and Remec	lial Action	Samp Soil a	ınalys	is resulte	beneath the d for Chlorid Field reports	les, B	TEX, an	d TPH b	elow	BGT
Describe Are	a Affected a	and Cleanup A	ction Tak	en.*	2 200	occory E	inal laborate	ory or	achucia c	lotormin	nd no	
				remedial		-	inal laborato ired.	ory ar	iaiysis C	ieteimin	eu nc	,
regulations al public health should their of or the environ	I operators or the envir operations h nment. In a	are required to ronment. The ave failed to a	report an acceptance dequately CD accep	is true and compl d/or file certain re e of a C-141 repo investigate and re tance of a C-141 r	elease no rt by the emediate	otifications are NMOCD made contaminati	nd perform correct arked as "Final Roon that pose a three the operator of the	etive act eport" of eat to go respons	ions for rele loes not reli- round water ibility for co	eases which never the operations, surface was	may end ator of ter, hun ith any	danger liability nan health
Signature:	rin g	orifalo	4				OIL CONS			DIVISIO	N	
Printed Name	Erin G	arifalos			1	Approved by	Environmental S	pecialis	t:			
		onmenta		dinator		Approval Dat	e:		Expiration I	Date:		
E-mail Addre	ess: erin.	garifalos	@bp.	com		Conditions of	Approval:			Attached	П	
Date: April	19, 2018		Phone:	(832) 609-70	48					- Attached		

^{*} Attach Additional Sheets If Necessary

bp



BP America Production Company 380 Airport Road Durango, CO 81303

February 15, 2018

B Square Ranch LLC 3901 Bloomfield Highway Farmington, NM 87401

Re: Notification of plans to close/remove a below grade tank Well Name: GALLEGOS CANYON UNIT 189E

To Whom it May Concern,

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 February 19, 2018. If there aren't any unforeseen problems, the work should be completed within 10 working days.

Sincerely,

Erin Garifalos

BP America Production Company

From:

Buckley, Farrah (CH2M HILL)

To:

Smith, Cory, EMNRD; Fields, Vanessa, EMNRD (Vanessa, Fields@state.nm.us)

Cc: Subject: jeffcblagq@aol.com; blagq_njv@yahoo.com; Garifalos, Erin BP Pit Close Notification - GALLEGOS CANYON UNIT 189E

Date:

Thursday, February 15, 2018 12:59:41 PM

BP America Production Company 380 Airport Rd Durango, CO 81303 Phone: (970) 247 6800

SENT VIA E-MAIL TO: <u>CORY.SMITH@STATE.NM.US</u>; <u>VANESSA.FIELDS@STATE.NM.US</u>

February 15, 2018

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 189E API 30-045-24839 (K) Section 36 – T29N – R13W San Juan County, New Mexico

Dear Mr. Cory Smith and Mrs. Vanessa Fields,

In regards to the captioned subject and requirements of the NMOCD pit rule, this letter is notification that BP is planning to a 95bbl BGT that will no longer be operational at this well site. We anticipate this work to start on or around February 19, 2018.

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

Sincerely,

Erin Garifalos

Field Environmental Coordinator – San Juan Cell: 832-609-7048

Farrah Buckley BGT Project Support 970-946-9199 -cell

This email and any attachments are intended only for the addressee(s) listed above and may contain confidential, proprietary, and/or privileged information. If you are not an intended recipient, please immediately advise the sender by return email, delete this email and any attachments, and destroy any copies of same. Any unauthorized review, use, copying disclosure or distribution of this email and any attachments is prohibited.

CLIENT: BP	BLAGG E P.O. BOX 87, E (50	413	API #: 3004524 TANK ID (if applicble):		
FIELD REPORT:		7 RELEASE INVESTIGATION / OTHER:		PAGE #:1 (of 1
SITE INFORMATION	J: SITE NAME: GCU #	‡ 189E		DATE STARTED: 02/	19/18
QUAD/UNIT: K SEC: 36 TWP:			r: NM	DATE FINISHED:	
1/4 -1/4/FOOTAGE: 1,560'S / 2,0			/ INDIAN	ENVIRONMENTAL	
		STRIKE CONTRACTOR: BP - J. GONZA			JV
REFERENCE POINT	T: WELL HEAD (W.H.) GP	s COORD.: 36.67997 X	108.15970	GL ELEV.:	5,473'
1) 95 BGT (SW/DB)	GPS COORD.: 3	6.67968 X 108.15970	DISTANCE/BEA	RING FROM W.H.: 103.5'	S9E
2)	GPS COORD.:		_ DISTANCE/BEA	RING FROM W.H.:	
3)	GPS COORD.:		_ DISTANCE/BEA	RING FROM W.H.:	
4)	GPS COORD.:		_ DISTANCE/BEA	RING FROM W.H.:	
SAMPLING DATA:	CHAIN OF CUSTODY RECORD(S) #	OR LAB USED: HALL			OVM READING
1) SAMPLE ID: 5PC - TB @ 5'			M vals: 801	15B/8021B/300.0 (CI)	(ppm)
2) SAMPLE ID:				,	
3) SAMPLE ID:					
4) SAMPLE ID:					
SOIL DESCRIPTION		SAMPLE TIME: LAB AN			
COHESION (ALL OTHERS): NON COHESIVE SLIGHTL CONSISTENCY (NON COHESIVE SOILS): LO MOISTURE: DRY/SLIGHTLY MOIST / MOIST / W SAMPLE TYPE: GRAB COMPOSITE - DISCOLORATION/STAINING OBSERVED: YES	OOSE FIRM DENSE / VERY DENSE WET / SATURATED / SUPER SATURATED # OF PTS.		NATION -		
SITE OBSERVATION APPARENT EVIDENCE OF A RELEASE OBSERVE EQUIPMENT SET OVER RECLAIMED AREA: OTHER: NMOCD REP. NOT PRESENT TO	LOST INTEGRITY OF EQUIPMEN ED AND/OR OCCURRED: YES NO EXP YES NO EXPLANATION -	PLANATION:			
EXCAVATION DIMENSION ESTIMATION	: NA ft. X NA	ft. X NA ft. EXC	CAVATION EST	ΓΙΜΑΤΙΟΝ (Cubic Yards) :	NA
DEPTH TO GROUNDWATER: <50' N	NEAREST WATER SOURCE: >1,00	0' NEAREST SURFACE WATER: <1,	000' NMOC	CD TPH CLOSURE STD:1	00 ppm
SITE SKETCH	BGT Located: off on si	ite PLOT PLAN circle: a	attached 0\M	CALIB. READ. = NA p	om RE =1.00
	A		A .		RF =1.00
	TO W.H.		N TIME		NA
	,		111	MISCELL. NO	TES
			l va	/O:	ILO
				/U:	
			_		
		BERM	R	EF#: P-931)
	PBGTL (XXX) I.B. ~ 5'	BERM	R	EF#: P-931 ID: VHIXONEVB2	2
	PBGTL I.B. ~ 5' B.G.	BERM	R V P	EF#: P-931 ID: VHIXONEVB 2 J#:	
	r.B. ~ 5'	BERM FENCE	R V P	EF #: P-931 ID: VHIXONEVB2 J #: ermit date(s): 06/1 CD Appr. date(s): 01/2	4/10 2/18
	r.B. ~ 5'	FENCE	R V P	EF #: P-931 ID: VHIXONEVB2 J #: ermit date(s): 06/1 CD Appr. date(s): 01/2 nk OVM = Organic Vapor M	4/10 2/18
	TO TO		P P O Tar	EF #: P-931 ID: VHIXONEVB2 J #: ermit date(s): 06/1 CD Appr. date(s): 01/2 NW = Organic Vapor M ppm = parts per million	4/10 2/18 eter
	T.B. ~ 5' B.G.	PROD. TANK	R V P P O Tar IL A	EF #: P-931 ID: VHIXONEVB2 J #: ermit date(s): 06/1 CD Appr. date(s): 01/2 NW = Organic Vapor M ppm = parts per million	4/10 2/18 eter
	TO SEPARATOR	PROD. TANK	P. O Tarrica A. S.P.D. VELL HEAD;	EF #: P-931 ID: VHIXONEVB2 J #: ermit date(s): 06/1 CD Appr. date(s): 01/2 nk OVM = Organic Vapor M ppm = parts per million A BGT Sidewalls Visible: Y // BGT Sidewalls Visible: Y //	4/10 2/18 N N
NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCAVATI T.B. = TANK BOTTOM; PBGTL = PREVIOUS BEL	TO SEPARATOR ON DEPRESSION; B.G. = BELOW GRADE; B =	PROD. TANK FENCE PROD. TANK BELOW, T.H. = TEST HOLE; ~= APPROX.; W.H. = V. POINT DESIGNATION; R.W. = RETAINING WALL; N.	P. O Tarrica A. S.P.D. VELL HEAD;	EF #: P-931 ID: VHIXONEVB2 J #: ermit date(s): 06/1 CD Appr. date(s): 01/2 nk OVM = Organic Vapor M ppm = parts per million BGT Sidewalls Visible: Y // BGT Sidewalls Visible: Y //	4/10 2/18 N N

Analytical Report

Lab Order 1802A57

Date Reported: 2/21/2018

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: 5PC-TB @ 5' (95)

Project: GCU 189E

Collection Date: 2/19/2018 3:10:00 PM

Lab ID: 1802A57-001 Matrix: SOIL

Received Date: 2/20/2018 7:55:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: CJS
Chloride	ND	30	mg/Kg	20	2/20/2018 11:08:20 AM	36615
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	: TOM
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	2/20/2018 10:01:15 AM	36608
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	2/20/2018 10:01:15 AM	36608
Surr: DNOP	101	70-130	%Rec	1	2/20/2018 10:01:15 AM	36608
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.8	mg/Kg	1	2/20/2018 10:13:46 AM	36593
Surr: BFB	90.5	15-316	%Rec	1	2/20/2018 10:13:46 AM	36593
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.019	mg/Kg	1	2/20/2018 10:13:46 AM	36593
Toluene	ND	0.038	mg/Kg	1	2/20/2018 10:13:46 AM	36593
Ethylbenzene	ND	0.038	mg/Kg	1	2/20/2018 10:13:46 AM	36593
Xylenes, Total	ND	0.076	mg/Kg	1	2/20/2018 10:13:46 AM	36593
Surr: 4-Bromofluorobenzene	88.9	80-120	%Rec	1	2/20/2018 10:13:46 AM	36593

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

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
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 1 of 5
- Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1802A57

21-Feb-18

Client:

Blagg Engineering

Project:

GCU 189E

Sample ID MB-36615

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID:

PBS

Batch ID: 36615

RunNo: 49244

SPK value SPK Ref Val %REC LowLimit

SPK value SPK Ref Val %REC

0

Prep Date: 2/20/2018

Analysis Date: 2/20/2018

SeqNo: 1589864

Units: mg/Kg

Analyte

HighLimit

%RPD **RPDLimit** Qual

Chloride

Result PQL ND 1.5

SampType: Ics

TestCode: EPA Method 300.0: Anions

Client ID:

LCSS

Batch ID: 36615

RunNo: 49244

Prep Date: 2/20/2018

Sample ID LCS-36615

SeqNo: 1589865

Units: mg/Kg

Analyte

Analysis Date: 2/20/2018

1.5

HighLimit %RPD **RPDLimit** Qual

Chloride

Result PQL 14

15.00

95.2

90

LowLimit

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

Practical Quanitative Limit **PQL**

% Recovery outside of range due to dilution or matrix

В Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RLReporting Detection Limit

Sample container temperature is out of limit as specified

Page 2 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: 1802A57

21-Feb-18

Client:

Blagg Engineering

CCII 190E

Project: GCU 18	9E									
Sample ID LCS-36608	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: LCSS	Batch	ID: 36	808	F	RunNo: 4	9232				
Prep Date: 2/20/2018	Analysis Date: 2/20/2018			8	SeqNo: 1	588440	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	94.9	70	130			
Surr: DNOP	4.7		5.000		93.7	70	130			
Sample ID MB-36608	SampT	уре: МЕ	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Range	e Organics	
Sample ID MB-36608 Client ID: PBS		ype: ME			tCode: ER		8015M/D: Di	esel Rang	e Organics	
		ID: 366		F		9232	8015M/D: Di		e Organics	
Client ID: PBS	Batch	ID: 366	608 20/2018	F	RunNo: 4	9232			e Organics RPDLimit	Qual
Client ID: PBS Prep Date: 2/20/2018	Batch Analysis D	ID: 36 6 ate: 2 /	608 20/2018	F	RunNo: 49 SeqNo: 19	9232 588441	Units: mg/h	(g		Qual
Client ID: PBS Prep Date: 2/20/2018 Analyte	Batch Analysis D Result	ID: 366 ate: 2/	608 20/2018	F	RunNo: 49 SeqNo: 19	9232 588441	Units: mg/h	(g		Qual

Qualifiers:

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

Page 3 of 5

Hall Environmental Analysis Laboratory, Inc.

27

1100

5.0

WO#: 1802A57

316

21-Feb-18

Client:

Blagg Engineering

Project:

Surr: BFB

Gasoline Range Organics (GRO)

GCU 189E

Sample ID MB-36593	SampType: MBLK	TestCode: EPA Method	8015D: Gasoline Range
Client ID: PBS	Batch ID: 36593	RunNo: 49247	
Prep Date: 2/19/2018	Analysis Date: 2/20/2018	SeqNo: 1589334	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	980 1000	97.7 15	316
Sample ID LCS-36593	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range
Client ID: LCSS	Batch ID: 36593	RunNo: 49247	
Prep Date: 2/19/2018	Analysis Date: 2/20/2018	SeqNo: 1589335	Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual

0

107

110

75.9

15

25.00

1000

Qualifiers:

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

Page 4 of 5

Hall Environmental Analysis Laboratory, Inc.

1.0

3.0

0.96

0.050

0.050

0.10

1.000

1.000

3.000

1.000

WO#:

1802A57

21-Feb-18

Client:

Blagg Engineering

Project:

Toluene Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

GCU 189E

Sample ID MB-36593	SampT	уре: МЕ	BLK	Tes						
Client ID: PBS	Batch	n ID: 36	593	F	RunNo: 4					
Prep Date: 2/19/2018	Analysis D	Date: 2/	20/2018	8	SeqNo: 1	589357	Units: mg/K			
Analyte	Result	PQL	SPK value	SPK Ref Val	f Val %REC LowLimit		HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.98		1.000		97.9	80	120			
Sample ID LCS-36593	SampT	ype: LC	S	Tes	8021B: Volat	iles				
Client ID: LCSS	Batch ID: 36593 RunNo: 49247									
Prep Date: 2/19/2018	Analysis D	ate: 2/	20/2018	S	eqNo: 1	589358	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

0

0

99.9

99.3

101

95.8

79.2

80.7

81.6

80

125

127

129

120

Qualifiers:

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

Page 5 of 5



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

TEL: 503-543-3975 FAX: 503-343-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name:	me: BLAGG Work Order Number								RcptNo: 1									
							4	1.										
Received By:	Anne Thorn	Thorne 2/20/2018 7:55:00 AM					Con	the	· .	*								
Completed By:	Anne Thorn	ne		18 8:03:29	AM		anne	A										
Reviewed By:	THO		2/20/0	*														
Chain of Cus	tody																	
1. Is Chain of Cu		te?			Yes	✓	No		Not Present									
2. How was the	sample deliver	red?			Cou	rier												
Log In																		
3. Was an attem	pt made to co	ol the samples?			Yes	V	No		NA 🗆									
4. Were all samp	les received a	t a temperature	of >0° C t	to 6.0°C	Yes	✓	No		NA 🗆									
5. Sample(s) in p	proper containe	er(s)?			Yes	✓	No		*									
6. Sufficient same	ple volume for	indicated test(s)	?		Yes	V	No											
7. Are samples (e	except VOA ar	nd ONG) properly	preserve	d?	Yes	V	No											
8. Was preservat	ive added to b	ottles?			Yes		No	\checkmark	NA 🗆									
9. VOA vials have	e zero headspa	ace?			Yes		No		No VOA Vials									
10. Were any sam	ple containers	received broker	1?		Yes		No	V	# of preserved									
									bottles checked									
Does paperwood (Note discrepa)					Yes	\checkmark	No		for pH:	or >12 unless noted)								
12. Are matrices of			Custody?		Yes	V	No		Adjusted?									
13. Is it clear what			•		Yes	V	No											
14. Were all holdin (If no, notify cu	-				Yes	\checkmark	No		Checked by:									
Special Handli						,												
15. Was client not			his order?		Yes		No		NA 🗹									
Person I	Notified:	MARKET COLUMN TO THE PARTY OF T	***************************************	Date		ARBUM MAN	CONTROL OF THE PARTY OF THE PAR	mmranty (
By Who	m:	hinemensus menendus musuumitus mitta		Via:	eM	ail 🔲	Phone	Fax	In Person									
Regardin	ng:	ATT THE PARTY OF T	T. TOR REMERKAN	MONDO OFFICE STATE OF THE		THE PERSON NAMED IN												
Client In	structions:	S. J. J. D. Derek Lander School Schoo		Shananau mana hara	BYWORKSHIP WOOTHERT	O, PERLAMINISTONIA	Witaunanaa Ama	- CHILDRICK	A SAN TRANSPORTATION OF PRINCIPLES									
16. Additional ren	narks:																	
17. Cooler Inform																		
Cooler No	-		al Intact	Seal No	Seal D	ate	Signed E	Ву		*								
[1	1.9	Good Yes		<u>.</u>														
1.5																		

Chain-of-Custody Record			Turn-Around 1	ime:	SAME				H	A		F	NV	/TE	20	N P	WE	NIT	ra:	3		
Client: BLAGG ENGR. / BP AMERICA		SAME DAY HALL ENVIRONMENTA ANALYSIS LABORATO																				
			Project Name:					www.hallenvironmental.com														
Mailing A	ddress:	P.O. BO	X 87	GCU # 189E				49	01 H	lawk	ins l	NE -	Alk	ouqu	erqu	ue, N	1M 8	710	9			
BLOOMFIELD, NM 87413			FIELD, NM 87413	Project #:				4901 Hawkins NE ~ Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107														
Phone #: (505) 632-1199												F	Anal	ysis	Rec	- Jues	t					
email or F	ax#:			Project Manager:								,		4				(1)				
QA/QC Package: Standard Level 4 (Full Validation)			ERIN GARIFALOS				(Aluo	/ MRO)			15)		PO4,50	PCB's			ter - 300.1)			e		
Accreditat	tion:			Sampler: NELSON VELEZ				(Gas	DRO /	1	1)	OSIN		102	808			/ water			sample	
□ NELAP □ Other			On ice Yes I No My				TPH	-	418	504	827	S	103,1	/ sa		OA)	0.008			te sa	N)	
	「ype)	I		The second name of the second na	erature/c	/ V).	#	BE +	(GR	hod	hod	0 or	8 Metals	C,N	ticid	(AC	ni-V	- 10		ple	posi	S (Y C
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No	BTEX +-MF	BTEX + MTBE	TPH 8015B (GRO	TPH (Method 418.1)	EDB (Method 504.1)	PAH (8310 or 8270SIMS)	RCRA 8 N	Anions (F,Cl,NO3,NO2,PO4,SO4)	8081 Pesticides / 8082	8260B (VOA)	8270 (Semi-VOA)	Chloride (soil - 300.0		Grab sample	5 pt. composite	Air Bubbles (Y or N)
2/10/10	15.0	SOIL	EDC 70 0 / (DE)	meothet	Cool	18702159		B		F	Ш	P/	R	Ā	8(80	00			Ō		Ā
2/19/18	1510	SOIL	5PC-TB@ 5 (95)	4 oz 1	Cool	20	٧		٧	\vdash	-		_	_		_		٧	-	-	٧	
							_	_			_		_	_							-	
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								_			_			_			_		\vdash	-		
Data:	Time:	Pelinguieh	ad law.	Received by:		Date Time	Rem	narks		Butt	IDEC	TIVE	ORPI	ISING	THE	CONT	ACTV	VITH (OPPE	SPON	DING	VID
2/19/18	Date: Time: Relinquished by: 3/19/18 1740		1 hl War 2/14/18 1740			Remarks: BILL DIRECTLY TO BP USING THE CONTACT WITH CORRESPONDING VID & REFERENCE # WHEN APPLICABLE; CONTACT: ERIN GARIFALOS / VANCE HIXON																
Date:	Date: Time: Relinquished by:			Received by: Date Time VID: VHIXONEVB2 Reference # P-931																		
If necessary, samples submitted to Hall Environmental may be				ubcontracted to other	accredited laboratorie	es. This serves as notice of	f this p	ossibi	ity A			_	data	vill be	clearly	/ notat	ted on	the an	alvtica	repo	rt.	



