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

State of New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division 1220 South St. Francis Dr.

Form C-144 Revised June 6, 2013

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.

For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit,	Bel	low-	Grade	Tank,	or

Santa Fe, NM 87505

12403 Proposed Alternative Method Permit or Closure Plan Application CONS. DIV DIST. 3
Type of action: Below grade tank registration Permit of a pit or proposed alternative method NOV 2 4 2014
Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request
lease 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 avironment. 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 OGRID #:778
Address:200 Energy Court, Farmington, NM 87401
Facility or well name:Mudge LS 23
API Number:3004511078 OCD Permit Number:
U/L or Qtr/QtrBSection5Township31NRange11WCounty: San Juan
Center of Proposed Design: Latitude36.931198 Longitude108.008433 NAD: ☐1927 ☒ 1983
Surface Owner: Network Federal State Private Tribal Trust or Indian Allotment
Pit: Subsection F, G or J of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A Multi-Well Fluid Management Low Chloride Drilling Fluid yes no Unlined Liner type: Thickness mil LLDPE HDPE PVC Other String-Reinforced
Liner Seams: Welded Factory Other Volume: bbl Dimensions: L x W x D
Selow-grade tank: Subsection I of 19.15.17.11 NMAC Tank A
. 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 institution or church)	, hospital,
☐ Four foot height, four strands of barbed wire evenly spaced between one and four feet	
Alternate. Please specify	
6.	
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)	
☐ Screen ☐ Netting ☐ Other ☐ Monthly inspections (If netting or screening is not physically feasible)	
inspections (if neuting of screening is not physically leasible)	
Signs: Subsection C of 19.15.17.11 NMAC	
12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers	
☐ Signed in compliance with 19.15.16.8 NMAC	
8.	
<u>Variances and Exceptions:</u> 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.	
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 accematerial are provided below. Siting criteria does not apply to drying pads or above-grade tanks.	eptable 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)	
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

Page 2 of 6

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 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 100 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit Non-low chloride drilling fluid	
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet of a wetland US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Permanent Pit or Multi-Well Fluid Management Pit	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa	
lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.	
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
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 19.1 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:	
Treffeasiy Approved Design (attach copy of design) An Internation.	

Form C-144 Oil Conservation Division Page 3 of 6

12.	
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the	documents are
attached. ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC ☐ Climatological Factors Assessment ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Quality Control/Quality Assurance Construction and Installation Plan ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Nuisance or Hazardous Odors, including H₂S, Prevention Plan ☐ Emergency Response Plan ☐ Oil Field Waste Stream Characterization ☐ Monitoring and Inspection Plan ☐ Erosion Control Plan ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC	
13. Proposed Closure: 19.15.17.13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.	
Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Multi-well F	luid Management Pit
☐ Alternative Proposed Closure Method: ☐ Waste Excavation and Removal ☐ Waste Removal (Closed-loop systems only) ☐ On-site Closure Method (Only for temporary pits and closed-loop systems) ☐ In-place Burial ☐ On-site Trench Burial ☐ Alternative Closure Method	Talla Frankagonione Fr
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	
is. 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 sout provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. I 19.15.17.10 NMAC for guidance.	rce material are Please refer to
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
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	
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	Yes No

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No						
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No						
Within an unstable area Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological							
Society; Topographic map	☐ Yes ☐ No						
Within a 100-year floodplain FEMA map	☐ Yes ☐ No						
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved) Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC							
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 believe	ef.						
Name (Print):							
Signature: Date:							
e-mail address: Date: Felephone:							
e-mail address:							
e-mail address: 18. OCD Approval: Permit Application (including closure plan) OCD Conditions (see attachment) OCD Representative Signature: Approval Date: 12/12	2/14						
e-mail address:	2/14						
e-mail address: 18. OCD Approval: Permit Application (including closure plan) OCD Conditions (see attachment) OCD Representative Signature: Approval Date: 12/12	2/14/ the closure report.						
e-mail address: Telephone:	2/14/ the closure report.						
e-mail address: Telephone:	the closure report.						

Operator Closure Certification:						
I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.						
Name (Print):Jeff Peace	Title: Field Environmental Coordinator					
Signature: Jeff Poses	Date:November 24, 2014					
e-mail address:peace.jeffrey@bp.com	Telephone:(505) 326-9479					

BP AMERICA PRODUCTION COMPANY

SAN JUAN BASIN, NORTHWEST NEW MEXICO

BELOW-GRADE TANK CLOSURE PLAN

Mudge LS 23 API No. 3004511078 Unit Letter B, Section 5, T31N, R11W

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.
 - No notice was made due to misunderstanding of the BGT notice requirements at that time.
- 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.
 - No notice was made due to misunderstanding of the BGT notice requirements at that time.
- 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
	21 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	19

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 and will be reclaimed since the well was recently plugged and abandoned.

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

The area over the BGT will be reclaimed as part of final reclamation since the well was recently plugged and abandoned.

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

The area over the BGT will be reclaimed as part of final reclamation since the well was recently plugged and abandoned.

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

The area over the BGT will be reclaimed as part of final reclamation since the well was recently plugged and abandoned.

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

BP will seed the area as part of final reclamation since the well was recently 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
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

Revised August 8, 2011

Form C-141

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	ease Notific	eatio	on and Co	rrective A	ction				
						OPERA'	TOR		Initia	al Report	\boxtimes	Final Report
Name of Company: BP						Contact: Jeff Peace						
	Address: 200 Energy Court, Farmington, NM 87401						No.: 505-326-94					
Facility Nar	ne: Mudg	e LS 23				Facility Typ	e: Natural gas v	well				
Surface Ow	ner: Feder	al		Mineral C)wner:	: Federal			API No	. 30045110)78	
				LOCA	ATIO	N OF RE	LEASE					
Unit Letter	Section	Township	Range	Feet from the		h/South Line	Feet from the	East/We	st Line	County: Sa	an Juan	1
В	5	31N	11W	1,030	Nortl	h	1,555	East				
	<u> </u>	Latit	ude36	.931198		Longitud	e108.008433	1		<u> </u>		
				NAT	URF	E OF RELI						
Type of Rele	ase: none						Release: N/A		olume F	Recovered: N	J/A	
Source of Re	lease: belov	v grade tank –	21 bbi				lour of Occurrenc	e: [ate and	Hour of Dis	covery:	
Was Immedia	ate Notice (Yes [No 🛛 Not Re	equired	if YES, To	Whom?					
By Whom?				 ·		Date and F	lour					
Was a Water	course Read		Yes 🗵] No			lume Impacting t	the Waterc	ourse.			
If a Watercou	irse was Im	pacted, Descr	ihe Fully *	<u> </u>								
in a watereet	nse was im	puotea, Dooor	ioc i uny.									
				n Taken.* Sampli and chloride belov					emoval 1	to ensure no	soil im	pacts from
				ten.* BGT was re and since the well v				T was sam	pled. Ti	he excavated	l area w	vas
regulations al public health should their o or the enviror	I operators or the envi perations h nment. In a	are required to ronment. The lave failed to a	o report ar acceptance adequately OCD accep	e is true and comp nd/or file certain rece of a C-141 repo investigate and retained of a C-141	elease ort by tl emedia	notifications a he NMOCD m ite contaminati	nd perform correctarked as "Final Roon that pose a thre	ctive action eport" doe eat to grou	s for rele s not reli nd water	eases which leve the oper , surface wa	may en ator of ter, hur	danger liability nan health
^		0				OIL CONSERVATION DIVISION						
Signature:	96R 1	asel										
Printed Name	: Jeff Peac	e				Approved by Environmental Specialist:						
Title: Field E	nvironmen	al Coordinato	r			Approval Dat	e:	Ex	oiration !	Date:		
E-mail Addre	ss: peace.je	effrey@bp.cor	n			Conditions of	Approval:			Attached		
Date: Novem	Date: November 24, 2014 Phone: 505-326-9479											

^{*} Attach Additional Sheets If Necessary

CLIENT: BP	BLAGG ENG P.O. BOX 87, BLG	TANK ID	4511078		
	· · · · · · · · · · · · · · · · · · ·	632-1199		(if applicble):	A
FIELD REPORT:	(circle one): BGT CONFIRMATION / R	ELEASE INVESTIGATION / OTHER:		PAGE #:	1_ of _1_
SITE INFORMATION	SITE NAME: MUDGE L	_S # 23		DATE STARTED:	08/20/13
QUAD/UNIT: B SEC: 5 TWP:	31N RNG: 11W PM:	NM CNTY: SJ ST.	NM	DATE FINISHED:	
1/4-1/4/FOOTAGE: 1,030'N / 1,55	5'E NW/NE LEASE TYP		INDIAN	ENVIRONMENTAL	
LEASE #: SF 078095	PROD. FORMATION: DK CON	CROSSFIRE TRACTOR: MBF - S. PEREZ	<u> </u>	SPECIALIST(S):	JCB
REFERENCE POINT	T: WELL HEAD (W.H.) GPS CO	OORD.: 36.93155 X 1	08.00854	GL ELE	:v.: 6,210'
1) 21 BGT (SW/DB)				ARING FROM W.H.:	135', S8E
2)	GPS COORD.:		DISTANCE/BE/	ARING FROM W.H.:	
3)	GPS COORD.:		DISTANCE/BE/	ARING FROM W.H.:	
4)	GPS COORD.:		DISTANCE/BE/	ARING FROM W.H.:	
SAMPLING DATA:	CHAIN OF CUSTODY RECORD(S) # OR L	AB USED: HALL			OVM READING (ppm)
1) SAMPLE ID: 21 BGT 5-pt. @ 6	S' SAMPLE DATE: 08/20/13	SAMPLETIME: LAB ANALY	sis: 418.1/8	8015B/8021B/30	0.0(CI) 9.0
2) SAMPLE ID:	SAMPLE DATE:	SAMPLE TIME: LAB ANALY	SIS:		
3) SAMPLE ID:	SAMPLE DATE:	SAMPLE TIME: LAB ANALY	SIS:		
4) SAMPLEID:	SAMPLE DATE:	SAMPLE TIME: LAB ANALY	SIS:		
SOIL DESCRIPTION	SOIL TYPE: SAND / SILTY SA	AND SILT / SILTY CLAY / CLAY / G	GRAVEL / OTI	HER	
SOIL COLOR: PALE Y COHESION (ALL OTHERS): NON COHESIVE SLIGHTLE		FI ACTION (OLAVO), MONDI ACTIO (OLA	OUT VELACTIO L	OUTON E (MEDIUM DI AOTI	2.4.40.4.4.2.4.2.2.2.2.2.2.2.2.2.2.2.2.2
CONSISTENCY (NON COHESIVE SOILS): L		PLASTICITY (CLAYS): NON PLASTIC / SLE DENSITY (COHESIVE CLAYS &			
MOISTURE: DRY SLIGHTLY MOIST / MOIST / W	ET / SATURATED / SUPER SATURATED	HC ODOR DETECTED: YES			
SAMPLE TYPE: GRAB COMPOSITE					· <u>-</u> -
DISCOLORATION/STAINING OBSERVED	TYES/INO EXPLANATION -				
ANY AREAS DISPLAYING WETNESS: YES / NO	EXPLANATION -				
APPARENT EVIDENCE OF A RELEASE O					
ADDITIONAL COMMENTS: GAS WELL	RECENTLY PLUGGED AND ABANDO	NED (P & A).			
SOIL IMPACT DIMENSION ESTIMATION DEPTH TO GROUNDWATER: >100' N		I-M-1		IMATION (Cubic Yar D TPH CLOSURE STD	/
SITE SKETCH	TV.	PLOT PLAN circle: att	ached 0\M	CALIB. READ. = 100	
	⊕ &A	TEOTIE UNIOC. uco		CALIB. READ. = <u>100</u> CALIB. GAS = <u>10</u> 0	KF = 1.00
	RKER				DATE: 08/20/13
			' '	MISCELL.	
				O: N152835	
			1 -	O. 14132833 O#:	
			<u>- </u>		OSJS
			P.	J#: X7-005K	0-E
WOOD	DEN PBGTL		Pe	ermit date(s):	06/08/10
WOOL R.W	(x x x) T.B. ~6'		O(Tan		10/21/11 Vanor Meter
	B.G.		<u>ID</u>	ppm = parts pe	r_million
			<u> </u>	BGT Sidewalls Visi	
	ON DEDDEGOION D.O. DELOWIGE D. DELOW	X - S.P.D	-	BGT Sidewalls Visi	
	ON DEPRESSION; B.G. = BELOW GRADE; B = BELO' LOW-GRADE TANK LOCATION; SPD = SAMPLE POIN E WALL; DW - DOUBLE WALL; SB - SINGLE BOTTON	T DESIGNATION; R.W. = RETAINING WALL; NA		lagnetic declinati	
TRAVEL NOTES: CALLOUT:	THE ANYTH DAMA - DOODLE ANDTH OR - SHAGET DOLLOW	ONSITE:			

Date Reported: 8/29/2013

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering Client Sample ID: 21 BGT 5-pt @ 6'

Collection Date: 8/20/2013 8:40:00 AM Project: MUDGE LS 23

Lab ID: 1308A83-001 Matrix: SOIL Received Date: 8/23/2013 10:00:00 AM

Result	RL Qu	al Units	DF	Date Analyzed	Batch
ORGANICS				Analyst	JME
ND	10	mg/Kg	1	8/28/2013 5:37:00 AM	9036
90.5	63-147	%REC	1	8/28/2013 5:37:00 AM	9036
GE				Analyst	: NSB
ND	4.8	mg/Kg	1	8/26/2013 11:40:38 PM	9007
84.9	80-120	%REC	1	8/26/2013 11:40:38 PM	9007
				Analyst	: NSB
ND	0.048	mg/Kg	1	8/26/2013 11:40:38 PM	9007
ND	0.048	mg/Kg	1	8/26/2013 11:40:38 PM	9007
ND	0.048	mg/Kg	1	8/26/2013 11:40:38 PM	9007
ND	0.095	mg/Kg	1	8/26/2013 11:40:38 PM	9007
94.8	80-120	%REC	1	8/26/2013 11:40:38 PM	9007
				Analyst	JRR
19	1.5	mg/Kg	1	8/27/2013 2:10:46 PM	9066
				Analyst	JME
ND	20	mg/Kg	1	8/27/2013	9046
	ORGANICS	ORGANICS ND 10 90.5 63-147 GE ND 4.8 84.9 80-120 ND 0.048 ND 0.048 ND 0.048 ND 0.048 ND 0.095 94.8 80-120 19 1.5	ORGANICS ND 10 mg/Kg 90.5 63-147 %REC GE ND 4.8 mg/Kg 84.9 80-120 %REC ND 0.048 mg/Kg ND 0.095 mg/Kg 94.8 80-120 %REC	ORGANICS ND 10 mg/Kg 1 90.5 63-147 %REC 1 GE ND 4.8 mg/Kg 1 84.9 80-120 %REC 1 ND 0.048 mg/Kg 1 ND 0.048 mg/Kg 1 ND 0.048 mg/Kg 1 ND 0.048 mg/Kg 1 ND 0.048 mg/Kg 1 94.8 80-120 %REC 1	ORGANICS ND 10 mg/Kg 1 8/28/2013 5:37:00 AM 90.5 63-147 %REC 1 8/28/2013 5:37:00 AM GE Analyst ND 4.8 mg/Kg 1 8/26/2013 11:40:38 PM 84.9 80-120 %REC 1 8/26/2013 11:40:38 PM ND 0.048 mg/Kg 1 8/26/2013 11:40:38 PM ND 0.095 mg/Kg 1 8/26/2013 11:40:38 PM 94.8 80-120 %REC 1 8/26/2013 11:40:38 PM Analyst 19 1.5 mg/Kg 1 8/27/2013 2:10:46 PM Analyst

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Е Value above quantitation range
- Analyte detected below quantitation limits J
- О RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
 - Page 1 of 6
- Sample pH greater than 2 for VOA and TOC only. P
- Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

WO#:

1308A83

29-Aug-13

Qual

Client:

Blagg Engineering

Project:

MUDGE LS 23

Sample ID MB-9066

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID:

PBS

Batch ID: 9066

RunNo: 12938

Prep Date: 8/27/2013 Analysis Date: 8/27/2013

Units: mg/Kg

Sample ID LCS-9066

SPK value SPK Ref Val %REC LowLimit

SeqNo: 369119

HighLimit

Analyte Chloride

Result PQL ND 1.5

SampType: LCS

TestCode: EPA Method 300.0: Anions

8/27/2013

LCSS

Batch ID: 9066

Analysis Date: 8/27/2013

RunNo: 12938 SeqNo: 369120

HighLimit

Units: mg/Kg

%RPD

%RPD

Qual

Analyte

Client ID:

Prep Date:

PQL

110

RPDLimit

SPK value SPK Ref Val

14 1.5 15.00 0

LowLimit

Chloride

%REC 95.6

90

RPDLimit

Qualifiers:

Value exceeds Maximum Contaminant Level.

E Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

RSD is greater than RSDImit Ο

RPD outside accepted recovery limits R

Analyte detected in the associated Method Blank В

Holding times for preparation or analysis exceeded Н Not Detected at the Reporting Limit

Sample pH greater than 2 for VOA and TOC only.

Reporting Detection Limit

Page 2 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#:

1308A83

29-Aug-13

Client:

Blagg Engineering

Project:

MUDGE LS 23

Sample ID MB-9046 SampType: MBLK

TestCode: EPA Method 418.1: TPH

PBS Client ID:

Batch ID: 9046

RunNo: 12905

Prep Date: 8/26/2013

Analysis Date: 8/27/2013

20

Units: mg/Kg

Result **PQL** SPK value SPK Ref Val %REC LowLimit

SeqNo: 368146

HighLimit

RPDLimit Qual

Analyte Petroleum Hydrocarbons, TR

ND

Sample ID LCS-9046

SampType: LCS

TestCode: EPA Method 418.1: TPH

LowLimit

LCSS

Batch ID: 9046

Result

100

RunNo: 12905

Client ID: Prep Date: 8/26/2013

Analysis Date: 8/27/2013

SeqNo: 368147

%REC

Units: mg/Kg

HighLimit

%RPD

%RPD

RPDLimit Qual

Petroleum Hydrocarbons, TR

Client ID:

Prep Date:

Sample ID LCSD-9046

LCSS02

8/26/2013

Analyte

SampType: LCSD Batch ID: 9046

Analysis Date: 8/27/2013

20

PQL

20

TestCode: EPA Method 418.1: TPH RunNo: 12905

SeqNo: 368148

Units: mg/Kg

RPDLimit

Qual

Analyte Petroleum Hydrocarbons, TR Result PQL

100

SPK value SPK Ref Val

0

SPK value SPK Ref Val

100.0

100.0

%REC 105

80

LowLimit

HighLimit 120

%RPD 2.56

20

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Value above quantitation range Ε
- Analyte detected below quantitation limits
- 0 RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- 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 for VOA and TOC only.
- Reporting Detection Limit

P

Page 3 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#:

1308A83

29-Aug-13

Client: Project: Blagg Engineering

Sample ID MB-9036

MUDGE LS 23

	-		
01:	ın.	DDC	

SampType: MBLK

TestCode: EPA Method 8015D: Diesel Range Organics

Client ID: PBS

Batch ID: 9036

RunNo: 12890

Prep Date: 8/26/2013 Analysis Date: 8/26/2013

SeqNo: 367424

Units: mg/Kg

Analyte

Result **PQL** 10 LowLimit

Diesel Range Organics (DRO)

ND

SPK value SPK Ref Val %REC

HighLimit

RPDLimit Qual

8.0

10.00

80.2

147

Surr: DNOP

Sample ID LCS-9036

8/26/2013

SampType: LCS

PQL

10

TestCode: EPA Method 8015D: Diesel Range Organics

%RPD

Client ID: LCSS Batch ID: 9036

RunNo: 12890

Prep Date: Analyte Diesel Range Organics (DRO) Analysis Date: 8/26/2013

47

4.3

Result

50.00

5.000

SPK value

SeqNo: 367425

Units: mg/Kg HighLimit

128

147

%RPD

RPDLimit Qual

Surr: DNOP Sample ID MB-9041

SampType: MBLK

%REC

93.7

86.0

TestCode: EPA Method 8015D: Diesel Range Organics

Client ID: PBS Prep Date: 8/26/2013

Batch ID: 9041 Analysis Date: 8/28/2013

RunNo: 12910 SeqNo: 368925

SPK Ref Val

0

Units: %REC

Analyte Surr: DNOP

PQL Result

SPK value SPK Ref Val %REC

SPK Ref Val

LowLimit

LowLimit

77.1

63

HighLimit 147 %RPD

Qual

RPDLimit

Sample ID LCS-9041

SampType: LCS

Batch ID: 9041

TestCode: EPA Method 8015D: Diesel Range Organics RunNo: 12910

85.4

63

HighLimit

Client ID:

Prep Date: 8/26/2013

LCSS

Analysis Date: 8/28/2013

Result

8.5

SeqNo: 368926

Units: %REC

%RPD

RPDLimit Qual

Analyte Surr: DNOP

4.5

5.000

SPK value

10.00

%REC 90.1

LowLimit

63

147

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Value above quantitation range Ε
- Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

- RSD is greater than RSDlimit \circ
- RPD outside accepted recovery limits R

- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit
- Analyte detected in the associated Method Blank В
- Page 4 of 6

Hall Environmental Analysis Laboratory, Inc.

960

WO#:

1308A83

29-Aug-13

Client:

Surr: BFB

Blagg Engineering

Project:

MUDGE LS 23

Sample ID	MB-9007	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range
Client ID:	PBS	Batch ID: 9007	RunNo: 12887

Prep Date: 8/23/2013 Analysis Date: 8/26/2013 SeqNo: 367956 Units: mg/Kg

1000

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Gasoline Range Organics (GRO)
 ND
 5.0

 Surr: BFB
 880
 1000
 87.5
 80
 120

Sample ID LCS-9007 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 9007 RunNo: 12887 Prep Date: 8/23/2013 Analysis Date: 8/26/2013 SeqNo: 367957 Units: mg/Kg Result **PQL** SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte LowLimit Qual Gasoline Range Organics (GRO) 25 5.0 25.00 0 101 74.5 126

96.4

80

120

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

P Sample pH greater than 2 for VOA and TOC only.

RL Reporting Detection Limit

Page 5 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#:

1308A83

29-Aug-13

Client:

Blagg Engineering

Project:

MUDGE LS 23

Sample ID MB-9007	SampT	ype: ME	BLK	TestCode: EPA Method 8021B: Volatiles									
Client ID: PBS	Batch ID: 9007 Analysis Date: 8/26/2013			F	RunNo: 1	2887							
Prep Date: 8/23/2013				S	SeqNo: 3	67996	Units: mg/k	(g					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	ND	0.050											
Toluene	ND	0.050											
Ethylbenzene	ND	0.050											
Xylenes, Total	ND	0.10											
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120						

Sample ID LCS-9007	SampT	Гуре: LC	s	TestCode: EPA Method 8021B: Volatiles										
Client ID: LCSS	Batcl	h ID: 90	07	F										
Prep Date: 8/23/2013	Analysis Date: 8/26/2013			S	SeqNo: 3	67997	Units: mg/k	(g						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Benzene	1.1	0.050	1.000	0	107	80	120							
Toluene	1.0	0.050	1.000	0	103	80	120							
Ethylbenzene	1.0	0.050	1.000	0	104	80	120							
Xylenes, Total	3.2	0.10	3.000	0	105	80	120							
Surr: 4-Bromofluorobenzene	1.1		1.000		106	80	120							

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
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

Page 6 of 6



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

Sample Log-In Check List

Website: www.hallenvironmental.com **BLAGG** Client Name: Work Order Number: 1308A83 RoptNo: 1 Received by/date: anne Sham 8/23/2013 10:00:00 AM Logged By: **Anne Thorne** anne Sham 8/23/2013 Completed By: Anne Thorne Reviewed By: Chain of Custody Yes No 🗌 Not Present 1. Custody seals intact on sample bottles? No 🗆 Yes 🗸 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 🔽 No 🗆 NA 🗌 NA 🗌 5. Were all samples received at a temperature of >0° C to 6.0°C Yes 🗹 No 🗆 Yes 🗹 No 🗌 Sample(s) in proper container(s)? Yes 🗹 No 🗌 7. Sufficient sample volume for indicated test(s)? No 🗌 Yes 🗹 8. Are samples (except VOA and ONG) properly preserved? No 🗹 NA 🗌 Yes 🗌 9. Was preservative added to bottles? No VOA Vials No 🗌 10. VOA vials have zero headspace? No 🗹 11. Were any sample containers received broken? # of preserved bottles checked No 🗆 for pH: Yes 🗹 12. Does paperwork match bottle labels? (<2 or >12 unless noted) (Note discrepancies on chain of custody) No 🗌 Adjusted? Yes 🗹 13. Are matrices correctly identified on Chain of Custody? Yes 🗸 No 🗌 14. Is it clear what analyses were requested? Yes 🗸 Checked by: No 🗆 15. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) Yes NA 🔽 No 🗌 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 Temp °C | Condition | Seal Intact | Seal No | Cooler No 3.3 Good Yes

C	hain-	of-Cu	stody Record	Turn-Around Time:					* K					g-m p	q		_	r i i i i	4 -		
Client:	BLAG	ENG.	NEERNA INC.	Standard	□ Rush		·													ITA! Toe	
	ZP N	145.00	. 1	Project Name:					ANALYSIS LABORATORY												
BP AMERICA Mailing Address: P.O. Box 87 BLOWNFIELD NM 87413				MAGE LS Z3 Project #:					www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109												
									Te	el. 50)5-34	5-39	975	F	Fax 505-345-4107						
Phone	#:	505-	-632-1199					ž.	4				· · A	naly	sis	Requ	uest.	د هم از و			
email o				Project Mana	ger:			_	(Klr	®)4)						
QA/QC	Package: idard		☐ Level 4 (Full Validation)	J. BLAGE Sampler: J. BLAGE					(Gas or	30 / 1			SIMS)	·	PO4.SC	PCB's					
Accred		□ Othe	r	Sampler: J. B.466 Onlice: 18 44 MeSan Standon					+ TPH	30 / DF	18.1)	04.1)	8270 5) ₃ ,NO ₂ ,	/ 8082			OF		į S
□ EDD (Type)				Sample liem	erature. 🥕		e e		BE	9	d 4	3d 5	ō	tals	Ž,	ides	2	9	8		≥
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type		ALNO.	BTEX + WF	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MERS)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270	RCRA 8 Metals	Anions (F,CI,NO ₃ ,NO ₂ ,PO ₄ ,SO ₄)	8081 Pesticides / 8082	8260B (VOA)	8270 (Semi-VOA)	CHEMIN		Air Bubbles (Y or N)
1/10/3	0840	SOIL	21 BGT 5-pt 06	40221	COOL		al	X		Х	X								メ		
																				11	一
							:										\dashv				
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Date:		Relinquish	1 Blezz	Received by:	7 1310	Rer	Remarks: BILL BP PAYKEY: ZFEIRKO.							<u> </u>	TS						
Date:	Time:	Relinquishe	tru Waller	Received by:	CONTACT! IEEE PEACE																



