.. 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 1220 S. St. Francis Dr., Santa Fe, NM 87505

Alternative Method:

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

Form C-144 Revised June 6, 2013

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

Pit, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application
Type of action: 45-11259 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 OIL CONS. DIV DIST. 3 APR 1 4 2015
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 CompanyOGRID #:778
Address:200 Energy Court, Farmington, NM 87401
Facility or well name:Barnes LS 4
API Number:3004511259OCD Permit Number:
U/L or Qtr/QtrASection26Township32NRange11WCounty:San Juan
Center of Proposed Design: Latitude36.960483 Longitude107.954085 NAD: ☐1927 ☒ 1983
Surface Owner: 🛮 Federal 🗌 State 🔲 Private 🔲 Tribal Trust or Indian Allotment
2. ☐ Pit: Subsection F, G or J of 19.15.17.11 NMAC
Temporary: Drilling Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management Low Chloride Drilling Fluid ☐ yes ☐ no ☐ Lined ☐ Unlined Liner type: Thickness mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other
String-Reinforced
Liner Seams: Welded Factory Other Volume: bbl Dimensions: L x W x D
3.
Below-grade tank: Subsection 1 of 19.15.17.11 NMAC Tank A
Volume:21.0bbl Type of fluid:Produced water
Tank Construction material:Steel
Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other _Single walled/single bottomed
Liner type: Thickness mil

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	hognital
institution or church)	, поѕрнан,
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)	
7. Signs: Subsection C of 19.15.17.11 NMAC	
12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers	
☐ Signed in compliance with 19.15.16.8 NMAC	
8. Variances and Exceptions:	
Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.	
Please check a box if one or more of the following is requested, if not leave blank: Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.	
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	
9. Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptate 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 ☐ NA
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. (Does not apply to below grade tanks) - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. (Does not apply to below grade tanks) - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
 Within an unstable area. (Does not apply to below grade tanks) Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	Yes No
Within a 100-year floodplain. (Does not apply to below grade tanks) - FEMA map	☐ Yes ☐ No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

Within 300 feet from a occupied permanent residence, school, hospital, instituti application.	ion, or church in existence at the time of initial	Yes No
- Visual inspection (certification) of the proposed site; Aerial photo; Sate	ellite image	
Within 200 horizontal feet of a spring or a private, domestic fresh water well us watering purposes, or 300feet of any other fresh water well or spring, in existen NM Office of the State Engineer - iWATERS database search; Visual inspection	ce at the time of the initial application.	Yes No
Within 100 feet of a wetland US Fish and Wildlife Wetland Identification map; Topographic map; V	isual 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 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 che - Visual inspection (certification) of the proposed site; Aerial photo; Sate		Yes No
Within 500 horizontal feet of a spring or a private, domestic fresh water well us watering purposes, or 1000 feet of any other fresh water well or spring, in the e. NM Office of the State Engineer - iWATERS database search; Visual is	xistence at the time of the initial application;	☐ Yes ☐ No
Within 300 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; V	isual 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 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 ch - Visual inspection (certification) of the proposed site; Aerial photo; Sate		☐ Yes ☐ No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or initial application. - NM Office of the State Engineer - iWATERS database search; Visual in		Yes No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; V	isual inspection (certification) of the proposed site	Yes No
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Applications: Instructions: Each of the following items must be attached to the application attached. Hydrogeologic Report (Below-grade Tanks) - based upon the requirement Hydrogeologic Data (Temporary and Emergency Pits) - based upon the recommendations - based upon the appropriate requirements of 19.15.17.11 NM Operating and Maintenance Plan - based upon the appropriate requirement Closure Plan (Please complete Boxes 14 through 18, if applicable) - based and 19.15.17.13 NMAC Previously Approved Design (attach copy of design) API Number:	ts of Paragraph (4) of Subsection B of 19.15.17.9 NMAC equirements of Paragraph (2) of Subsection B of 19.15.17.9 requirements of 19.15.17.10 NMAC MAC at sof 19.15.17.12 NMAC at sof 19.15.17.12 NMAC dupon the appropriate requirements of Subsection C of 19.15.17.12 NMAC	NMAC 15.17.9 NMAC
Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 N Instructions: Each of the following items must be attached to the application attached. Design Plan - based upon the appropriate requirements of 19.15.17.11 NI Operating and Maintenance Plan - based upon the appropriate requirement A List of wells with approved application for permit to drill associated w Closure Plan (Please complete Boxes 14 through 18, if applicable) - base and 19.15.17.13 NMAC Hydrogeologic Data - based upon the requirements of Paragraph (4) of S Siting Criteria Compliance Demonstrations - based upon the appropriate	MAC nts of 19.15.17.12 NMAC ith the pit. id upon the appropriate requirements of Subsection C of 19. ubsection B of 19.15.17.9 NMAC requirements of 19.15.17.10 NMAC	
Form C-144 Oil Conservati	ion Division Page 3 of 6	

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Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance

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 attached.	documents are
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	
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
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	
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	
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. F 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 ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	
	☐ Yes ☐ No
Within 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 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 19.15.1 Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC 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 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	7.11 NMAC 9.15.17.11 NMAC
17. Operator Application Contiferation	
Operator Application Certification:	V 6
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and be	ellet.
Name (Print): Title:	
Signature: Date:	
e-mail address:Telephone:	
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Approval Date: 4/23	
OCD Representative Signature: Approval Date: 4/2: Title: Compliance Office OCD Permit Number:	3/2 0 15
	g the closure report.
Title: 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 submittin. 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.	ng the closure report. Ot complete this

Operator Closure Certification:	
I hereby certify that the information and attachments submitted with this closure rebelief. I also certify that the closure complies with all applicable closure requirements.	
Name (Print):Jeff Peace	Title: Field Environmental Coordinator
Signature: Jeff Peace	Date:April 14, 2015
e-mail address:peace.jeffrey@bp.com	Telephone:(505) 326-9479

BP AMERICA PRODUCTION COMPANY

SAN JUAN BASIN, NORTHWEST NEW MEXICO

BELOW-GRADE TANK CLOSURE PLAN

Barnes LS 4 <u>API No. 3004511259</u> <u>Unit Letter A, Section 26, T32N, R11W</u>

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

General Closure Plan

- 1. BP shall notify the surface owner by certified mail that it plans to close a BGT. Evidence of mailing of the notice to the address of the surface owner shown in the county tax records demonstrates compliance with this requirement.

 Notice is attached.
- 2. BP shall notify the division District III office verbally or by other means at least 72 hours, but not more than one (1) week, prior to any closure operation. The notice shall include the operator's name, and the location to be closed by unit letter, section, township and range. If the BGT closure is associated with a particular well, then the notice shall also include the well's name, number and API number.

 Notice is attached.
- 3. BP shall remove liquids and sludge from the BGT prior to implementing a closure method and dispose of the liquids and sludge in a NMOCD's division-approved facility. The facilities to be used are:
 - a. BP Crouch Mesa Landfarm, Permit NM-02-003 (Solids)
 - b. JFJ Landfarm, Permit NM-01-010(B) (Solids and Sludge)
 - c. Basin Disposal, Permit NM-01-0005 (Liquids)

- d. Envirotech Inc Soil Remediation Facility, Permit NM-01-0011 (Solids and Sludge)
- e. BP Operated E.E. Elliott SWD #1, API 30-045-27799 (Liquids)
- f. BP Operated 13 GCU SWD #1, API 30-045-28601 (Liquids)
- g. BP Operated GCU 259 SWD, API 30-045-20006 (Liquids)
- h. BP Operated GCU 306 SWD, API 30-045-24286 (Liquids)
- i. BP Operated GCU 307 SWD, API 30-045-24248 (Liquids)
- j. BP Operated GCU 328 SWD, API 30-045-24735 (Liquids)
- k. BP Operated Pritchard SWD #1, API 30-045-28351 (Liquids)

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

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

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

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

All equipment associated with the BGT has been removed.

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

Constituents	Testing Method	Release Verification	Sample
	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	ND

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

Soil under the BGT was sampled and TPH, BTEX and chloride levels were below the stated limits. Sampling data is attached.

- 7. BP shall notify the division District III office of its results on form C-141. **C-141 is attached.**
- 8. If it is determined that a release has occurred, then BP will comply with 19.15.30 NMAC and 19.15.29 NMAC, as appropriate.

 Sampling results indicate no release occurred.
- 9. If the sampling demonstrates that a release has not occurred or that any release does not exceed the concentrations specified above, then BP shall backfill the excavation, with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover, re-contour and re-vegetate the location. The location will be reclaimed if it is not with in the active process area

The area under the BGT was backfilled with clean soil and is still within the active area.

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

The area over the BGT is still within the active well area. This area will be reclaimed when the well is plugged and abandoned as part of final reclamation.

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

The area over the BGT is still within the active well area. This area will be reclaimed when the well is plugged and abandoned as part of final reclamation.

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

The area over the BGT is still within the active well area. This area will be reclaimed when the well is plugged and abandoned as part of final reclamation.

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

BP will seed the area when the well is plugged and abandoned.

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

BP will notify NMOCD when re-vegetation is successful.

- 15. Within 60 days of closure completion, BP shall submit a closure report on NMOCD's form C-144, and will include the following;
 - a. proof of closure notification (surface owner and NMOCD)
 - b. sampling analytical reports; information required by 19.15.17 NMAC;
 - c. disposal facility name and permit number
 - d. details on back-filling, capping, covering, and where applicable re-vegetation application rates and seeding techniques and
 - e. site reclamation, photo documentation.Closure report on C-144 form is included.
- 16. BP shall certify that all information in the report and attachments is accurate, truthful, and compliant with all applicable closure requirements and conditions specified in the approved closure plan.

Certification section of C-144 has been completed.

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

* Attach Additional Sheets If Necessary

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

			Rele	ease Notific	catio	n and Co	orrective A	ction				
						OPERA'	ΓOR] Initia	ıl Report	\boxtimes	Final Report
Name of Company: BP Contact: Jeff I							•					
					No.: 505-326 - 94							
Facility Name: Barnes LS 4 Facility Type: Natural gas well												
Surface Owner: Federal Mineral Owner: Federal API No. 3004511259				259								
				LOC	ATIO	N OF REI	EASE					
Unit Letter	Section	Township	Range	Feet from the		/South Line	Feet from the	East/Wes	t Line	County: S	an Juan	· · · · · · · · · · · · · · · · · · ·
A	26	32N	11W	969	North	1 .	1,009	East				
		Latit	ude36.	.960483		Longitud	e107.954085					
					TIDE							
Type of Rele	oger none			NA I	UKE	Volume of	Release: N/A	V	olumo D	ecovered: 1	NI/A	
		w grade tank –	-21 hbl			_	our of Occurrence			Hour of Dis		 ,
Was Immedia			21 001			If YES, To		<i>.</i> 12	are and r	riour or Die	001013.	
			Yes	No 🛛 Not R	equired							
By Whom?						Date and H	lour					
Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. ☐ Yes ☒ No												
If a Watercou	arse was Im	pacted, Descri	be Fully.*	:								
the BGT. So	il analysis 1	esulted in TPI	H, BTEX a	n Taken.* Sampli and chloride belo	w stand	ards. Analysi	s results are attacl	hed.				
				en.* BGT was re active well area.	moved	and the area u	nderneath the BG	T was sam	pled. Th	ne area undo	er the B	GT was
regulations a public health should their or or the environ	Il operators or the envi operations h nment. In a	are required to ronment. The nave failed to a	o report an acceptance dequately OCD accep	is true and comp ad/or file certain r ce of a C-141 repo investigate and r tance of a C-141	elease r ort by th emedia	notifications and ne NMOCD m te contaminati	nd perform correct arked as "Final R on that pose a thr	ctive actions eport" does eat to groun	s for rele not relied and water	cases which eve the ope , surface wa	may en rator of ater, hur	idanger Tiability man health
-	Λ	^					OIL CON	SERVA'	TION	DIVISIO	<u>)N</u>	
Signature:	Woll	Pope	e									`
Printed Name	e: Jeff Peac	e				Approved by	Environmental S	pecialist:				
		tal Coordinato	r			Approval Dat	e:	Exp	oiration I	Date:		
E-mail Addre	ess: peace.jo	effrey@bp.cor	n			Conditions of	Approval:			Attached		
Date: April	14 2015		Phone: 5	05-326-9479								

CLIENT: BP	1	INEERING, INC. OMFIELD, NM 87413	API #: 3004511259
	(505)	632-1199	(if applicble):
FIELD REPORT:	(circle one): BGT CONFIRMATION / REL	EASE INVESTIGATION / OTHER:	PAGE #:1 of1
SITE INFORMATION			DATE STARTED: 02/09/12
QUAD/UNIT: A SEC: 26 TWP		IM CNTY: SJ ST: NM	DATE FINISHED:
1/4-1/4/FOOTAGE: 969'N / 1,00' LEASE #: SF078039	9'E NE/NE LEASE TYPE: PROD. FORMATION: MV CONTR	FEDERAL STATE / FEE / INDIAN ELKHORN RACTOR: MBF - S. GENTRY	ENMRONMENTAL SPECIALIST(S): JCB
REFERENCE POIN	-	ORD.: 36.96067 X 107.9541	GL ELEV.: 6.338'
1) 21 BGT (SW/SB)	GPS COORD.: 36.960		BEARING FROM W.H.: 84', \$15E
2)	GPS COORD.:	DISTANCE	BEARING FROM W.H.:
3)	GPS COORD.:	DISTANCE/	BEARING FROM W.H.:
4)	GPS COORD.:	DISTANCE/	
SAMPLING DATA:	CHAIN OF CUSTODY RECORD(S) # OR LAE	BUSED: HALL	OVM READING (ppm)
1) SAMPLE ID: 21 BGT 5-pt. ((2) 5' SAMPLE DATE:	SAMPLETIME: 1545 LAB ANALYSIS: 418.1	/8015B/8021/B/300.0 (CI) 0.0
2) SAMPLE ID:	SAMPLE DATE:	SAMPLE TIME: LAB ANALYSIS:	
		SAMPLE TIME: LAB ANALYSIS:	
4) SAMPLE ID:	SAMPLE DATE:	SAMPLE TIME: LAB ANALYSIS:	
SOIL DESCRIPTION	SOIL TYPE: SAND SILTY SAN	D SILT / SILTY CLAY / CLAY / GRAVEL / C	THER
SOIL COLOR: DARK YEL			
COHESION (ALL OTHERS): NON COHESIVE SLIGHT CONSISTENCY (NON COHESIVE SOILS): I		PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): SO	
MOISTURE: DRY (SLIGHTLY MOIST) MOIST/		HC ODOR DETECTED: YES NO EXP	
SAMPLE TYPE: GRAB (COMPOSITE) # OF PTS			
DISCOLORATION/STAINING OBSERVE	D: YES NO EXPLANATION -		
ANY AREAS DISPLAYING WETNESS: YES N	O EXPLANATION -		
	RENT EVIDENCE OF A RELEASE OBSER	EVED FROM BGT.	
SOIL IMPACT DIMENSION ESTIMATION	N: NA ft. X NA ft.	X NA ft. EXCAVATION ES	STIMATION (Cubic Yards) : NA
DEPTH TO GROUNDWATER: >100'	NEAREST WATER SOURCE: >1,000' NE	AREST SURFACE WATER: <1,000' NMC	OCD TPH CLOSURE STD: 1,000 ppm
SITE SKETCH	⊕	PLOT PLAN circle: attached 0	M CALIB. READ. = 53.1 ppm pc = 0.50
	WELL HEAD		M CALIB. GAS = 100 ppm RF = 0.52
	,	NI	ME: _2:00 an(pm) DATE: _02/09/12
		• • • • • • • • • • • • • • • • • • • •	MISCELL. NOTES
			WO - N1444268
			PO - 57574
			PK - ZSCHWLLBGT
	PBGTL		
	T.B. ~ 5' B.G.		
			Permit Date: 06/14/10
PROD.	₩OODEN	[7	OCD Appr. Date: 10/17/11
TANK	R.W.		BGT Sidewalls Visible: Y/ N / NA
NOTES: BGT = BELOWAGRADE TANK: F.D. = FYCA	NATION DEPRESSION; B.G. = BELOW GRADE; B = B	V - 2'L'D' -	BGT Sidewalls Visible: Y / N / NA
T.B. = TANK BOTTOM; PBGTL = PREVIOUS	S BELOW-GRADE TANK LOCATION; SPD = SAMPLE	POINT DESIGNATION; R.W. = RETAINING WALL;	Magnetic declination: 10° E
TRAVEL NOTES: CALLOUT:	.E; SW - SINGLE WALL; DW - DOUBLE WALL; SB - SI	NGLE BOTTOM; DB - DOUBLE BOTTOM. []	

Analytical Report

Lab Order 1202465

Date Reported: 2/20/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: 21 BGT 5-Pt @ TB @ 5'

Project: Barnes LS 4 Collection Date: 2/9/2012 3:45:00 PM

Lab ID: 1202465-001

Matrix: SOIL

Received Date: 2/14/2012 12:45:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE	ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	2/15/2012 9:34:03 AM
Surr: DNOP	88.3	77.4-131	%REC	1	2/15/2012 9:34:03 AM
EPA METHOD 8015B: GASOLINE RAI	NGE				Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	2/16/2012 4:10:44 PM
Surr: BFB	86.6	69.7-121	%REC	1	2/16/2012 4:10:44 PM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.048	mg/Kg	1	2/16/2012 1:42:34 AM
Toluene	ND	0.048	mg/Kg	1	2/16/2012 1:42:34 AM
Ethylbenzene	ND	0.048	mg/Kg	1	2/16/2012 1:42:34 AM
Xylenes, Total	ND	0.096	mg/Kg	1	2/16/2012 1:42:34 AM
Surr: 4-Bromofluorobenzene	109	85.3-139	%REC	1	2/16/2012 1:42:34 AM
EPA METHOD 300.0: ANIONS					Analyst: BRM
Chloride	ND	1.5	mg/Kg	1	2/16/2012 8:58:04 PM
EPA METHOD 418.1: TPH					. Analyst: JMP
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	2/15/2012

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

Value above quantitation range

Analyte detected below quantitation limits

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

ND Not Detected at the Reporting Limit

Reporting Detection Limit

Page 1 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#:

1202465

20-Feb-12

Client:

Blagg Engineering

Project:

Barnes LS 4

Sample ID MB-735

Sample ID LCS-735

Client ID: LCSS

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID:

PBS Prep Date: 2/16/2012 Batch ID: 735

RunNo: 995

SeqNo: 28846

Units: mg/Kg

%RPD

%RPD

RPDLimit Qual

Analyte

Analysis Date: 2/16/2012 Result **PQL**

SPK value SPK Ref Val %REC LowLimit

HighLimit

%RPD

Chloride

ND

SampType: LCS Batch ID: 735

1.5

RunNo: 995

Prep Date:

2/16/2012

Analysis Date: 2/16/2012

SeqNo: 28847

Units: mg/Kg

Analyte Chloride

Result **PQL**

14

SPK value SPK Ref Val

%REC 90.9

LowLimit 90

74.6

TestCode: EPA Method 300.0: Anions

HighLimit 110 **RPDLimit**

Qual

SampType: MS Sample ID 1202410-002AMS

TestCode: EPA Method 300.0: Anions RunNo: 1005

Client ID: Prep Date: 2/16/2012

BatchQC

Batch ID: 735

14

Analysis Date: 2/17/2012

SeqNo: 29157

Units: mg/Kg

118

Analyte Chloride

Result **PQL**

SPK value SPK Ref Val 15.00

15.00

%REC LowLimit

HighLimit

RPDLimit

Qual

Qual

Sample ID 1202410-002AMSD

SampType: MSD Batch ID: 735

TestCode: EPA Method 300.0: Anions

RunNo: 1005

95.7

Client ID: Prep Date:

Analysis Date: 2/17/2012

SeqNo: 29158

Units: mg/Kg

Analyte

2/16/2012

BatchQC

7.5

%REC

RPDLimit 20

Chloride

Result SPK value SPK Ref Val 14 7.5 15.00

0

0

95.2

74.6

LowLimit

HighLimit 118 %RPD 0.499

Qualifiers: Value exceeds Maximum Contaminant Level. */X

Ε Value above quantitation range

Analyte detected below quantitation limits J

Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit Reporting Detection Limit

Page 2 of 6

R

RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Result

110

20

WO#:

1202465 20-Feb-12

Client:

Blagg Engineering

Analyte

Petroleum Hydrocarbons, TR

Project: Barne	es LS 4	·		
Sample ID MB-708	SampType: MBLK	TestCode: EPA Method	418.1: TPH	
Client ID: PBS	Batch ID: 708	RunNo: 955		
Prep Date: 2/14/2012	Analysis Date: 2/15/2012	SeqNo: 27726	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Petroleum Hydrocarbons, TR	ND 20			
Sample ID LCS-708	SampType: LCS	TestCode: EPA Method	418.1: TPH	
Client ID: LCSS	Batch ID: 708	RunNo: 955		
Prep Date: 2/14/2012	Analysis Date: 2/15/2012	SeqNo: 27727	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Petroleum Hydrocarbons, TR	100 20 100.0	0 104 87.8	115	
Sample ID LCSD-708	SampType: LCSD	TestCode: EPA Method	418.1: TPH	
Client ID: LCSS02	Batch ID: 708	RunNo: 955		
Prep Date: 2/14/2012	Analysis Date: 2/15/2012	SeqNo: 27728	Units: mg/Kg	

0

%REC

105

LowLimit

87.8

HighLimit

115

%RPD

1.01

RPDLimit

8.04

Qual

SPK value SPK Ref Val

100.0

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

Value above quantitation range E

Analyte detected below quantitation limits

RPD outside accepted recovery limits

Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND

Page 3 of 6

Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

10

4.4

50.00

5.000

WO#:

1202465

20-Feb-12

Client:

Blagg Engineering

Project:

Diesel Range Organics (DRO)

Surr: DNOP

Barnes LS 4

Sample ID MB-713	SampType: MBLK	TestCode: EPA Method	8015B: Diesel Range Organics
Client ID: PBS	Batch ID: 713	RunNo: 946	
Prep Date: 2/14/2012	Analysis Date: 2/15/2012	SeqNo: 27196	Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	ND 10		,
Surr: DNOP	8.9 10.00	88.8 77.4	131
Sample ID LCS-713	SampType: LCS	TestCode: EPA Method	8015B: Diesel Range Organics
Client ID: LCSS	Batch ID: 713	RunNo: 946	
Prep Date: 2/14/2012	Analysis Date: 2/15/2012	SeqNo: 27306	Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual

80.9

88.7

62.7

77.4

139

131

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD 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

RL Reporting Detection Limit

Page 4 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#:

1202465

20-Feb-12

Client:

Blagg Engineering

Project:	Barnes LS 4														
Sample ID MB-	711	TestCode: EPA Method 8015B: Gasoline Range													
Client ID: PBS	3	Batch ID: 711			R	unNo: 9									
Prep Date: 2/1	4/2012 An	Analysis Date: 2/15/2012			S	eqNo: 2	8357	Units: mg/h	(g						
Analyte	R	esult PC	L SPK	value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Gasoline Range Orga	anics (GRO)		5.0						<u> </u>						
Surr: BFB		910	1	1,000		90.9	69.7	121							
Sample ID LCS	ole ID LCS-711 SampType: LCS					TestCode: EPA Method 8015B: Gasoline Range									
Client ID: LCS	ss	Batch ID: 711				RunNo: 972									
Prep Date: 2/1	4/2012 An	Analysis Date: 2/15/2012			S	eqNo: 2	8361	Units: mg/Kg							
Analyte	R	esult PC	L SPK	value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Gasoline Range Orga	anics (GRO)	27	5.0 2	25.00	0	109	98.5	133							
Surr: BFB		860	1	1,000		86.0	69.7	121							
Sample ID 1202	2417-001A MS	SampType:	MS		Test	Code: E	PA Method	8015B: Gaso	oline Rang	e					
Client ID: Bato	chQC	Batch ID:	711		RunNo: 972										
Prep Date: 2/1	4/2012 An	alysis Date:	2/15/201	2	S	eqNo: 2	8362	Units: mg/F	(g						
Analyte	R	esult PC	L SPK	value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Gasoline Range Orga	• •	-		23.39	9.963	143	85.4	147							
Surr: BFB	. 1	,100		935.5		116	69.7	121							
Sample ID 1202	2417-001A MSD	SampType:	MSD		Test	Code: E	PA Method	8015B: Gaso	oline Rang	e					
Client ID: Bato	Client ID: BatchQC Batch ID: 711					RunNo: 972									
Prep Date: 2/1	4/2012 An	alysis Date:	2/15/201	2	S	eqNo: 2	8363	Units: mg/Kg							
Analyte	R	esult PC	L SPK	value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Gasoline Range Orga	• •			23.76	9.963	142	85.4	147	0.629	19.2					
Surr: BFB	1	,100	9	950.6		116	69.7	121	0	0					

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

Value above quantitation range E

Analyte detected below quantitation limits

RPD outside accepted recovery limits

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded Η

Not Detected at the Reporting Limit Reporting Detection Limit

Page 5 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#:

1202465 20-Feb-12

Client:

Blagg Engineering

101

Project:	Barnes L	S 4							. .						
Sample ID	MB-711	Tes	TestCode: EPA Method 8021B: Volatiles												
Client ID:	PBS	Batch ID: 711			F	RunNo: 972									
Prep Date:	2/14/2012	Analysis D	ate: 2/	15/2012	\$	SeqNo: 2	8392	Units: mg/k	(g						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Benzene		ND	0.050		<u>-</u> -										
Toluene		ND	0.050												
Ethylbenzene		ND	0.050												
Xylenes, Total		ND	0.10												
Surr: 4-Brom	ofluorobenzene	0.92		1.000		92.2	85.3	139							
Sample ID	LCS-711	SampT	ype: LC	s	TestCode: EPA Method 8021B: Volatiles										
Client ID:	LCSS	Batch ID: 711				RunNo: 9	72								
Prep Date:	2/14/2012	Analysis D	ate: 2/	15/2012	, 8	SeqNo: 2	8393	Units: mg/F	(g						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Benzene		0.96	0.050	1.000	0	96.2	83.3	107			•				
Toluene		0.90	0.050	1.000	0	90.0	74.3	115							
Ethylbenzene		0.96	0.050	1.000	0	96.1	80.9	122							
Xylenes, Total		3.0	0.10	3.000	0	99.3	85.2	123							
Surr: 4-Brom	ofluorobenzene	0.88		1.000		87.9	85.3	139							
Sample ID	1202417-001AMS	SampT	ype: MS	\$	Tes	tCode: El	PA Method	8021B: Vola	tiles						
Client ID:	BatchQC	Batch	ID: 71 ′	1	F										
Prep Date:	2/14/2012	Analysis D	ate: 2/	15/2012	S	SeqNo: 2	8394	Units: mg/K	(g						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Benzene		0.96	0.049	0.9862	0.01202	96.6	67.2	113							
Toluene		1.2	0.049	0.9862	0.2187	97.6	62.1	116							
Ethylbenzene		1.3	0.049	0.9862	0.2367	103	67.9	127							
Xylenes, Total		3.8	0.099	2.959	0.5611	109	60.6	134							
Surr: 4-Brom	ofluorobenzene	0.92		0.9862		93.8	85.3	139							
Sample ID	1202417-001AMS) SampT	ype: MS	SD	Test	tCode: El	PA Method	8021B: Volat	tiles						
Client ID:	BatchQC	Batch	ID: 71 ′	1 .	R	RunNo: 9	72								
Prep Date:	2/14/2012	Analysis D	ate: 2 /	15/2012	S	SeqNo: 2	8395	Units: mg/K	its: mg/Kg						
Analyte		Result	PQL		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Benzene		1.0	0.049	0.9785	0.01202	102	67.2	113	4.21	14.3					
Toluene		1.2	0.049	0.9785	0.2187	101	62.1	116	1.90	15.9					
Ethylbenzene		1.3	0.049	0.9785	0.2367	109	67.9	127	3.53	14.4					
Xylenes, Total		3.9	0.098	2.935	0.5611	113	60.6	134	2.60	12.6					
	ofluorobenzene	1.1		0.9785		116	85.3	139	0	0					

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

Value above quantitation range Е

Analyte detected below quantitation limits

RPD outside accepted recovery limits

Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND

Reporting Detection Limit

Page 6 of 6



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87105

TEL: 505-345-3975 FAX: 505-345-410; Website: www.hallenvironmental.com

Sample Log-In Check List

Clie	ent Name:	BLAGG				Work Ord	er Num	ber:	120246	5					٦
Rec	ceived by/date	· M	6- 02/	14//2											
Log	ged By:	Anne Thor	ne	2/14/201	2 12:45:00 P	М			Men		•				
Con	npleted By:	Anne Thorr	ne	2/14/201	2			1.	, Shame	_					
Rev	viewed By:	Ma	C	9/14/12				(A)	, ,,,						
Cha	in of Cust	ody		·-·!	1-111										٦
	Were seals i				•	Yes	☐ No		Not F	Present	\checkmark				
2.			lete?			Yes	✓ No		Not F	resent					
3.	How was the	sample deliv	/ered?			Courie	<u>er</u>								
<u>Log</u>	<u>ı İn</u>														
4.	Coolers are	oresent? (see	e 19. for coole	er specific infor	mation)	Yes	✓ No			NΑ					
5.	Was an atter	mpt made to	cool the sam	oles?		Yes	☑ No			NA					
6.	Were all sam	ples received	d at a temper	ature of >0° C	to 6.0°C	Yes	√ No			NA					1
7.	Sample(s) in	nroner conta	iner(s)?			Vae	✓ No							,	/
8.	Sufficient sar			test(s)?			✓ No	-							
-		-		roperly presen	/ed?		_ ✓ No	-							
-	Was preserv					Yes [☐ No	✓		NA					
	MOA siala ha					. 1	T. N.		No VO	A 1.6-1-					
	VOA vials ha Were any sa			amkan?		Yes (No _ No	_	NO VO	A Viais					_
	Does paperw			DIOREIT			_ No			# of pre					
10.	(Note discrep			y)						bottles of for pH:	checked				
14.	Are matrices	correctly idea	ntified on Cha	in of Custody?	?		✓ No				•	2 or >12	unless	noted)	
• • •	Is it clear wha	-	=	d?	•		✓ No			Ad	djusted?				
	Were all hold (If no, notify of)		Yes l	✓ No			Ch	ecked by	r:			
Spe	cial Handli	ing (if app	licable)												J
17.	Was client no	otified of all di	screpancies	with this order	?	Yes [□No			NA	✓				
	Person	Notified:			Date		=								
	By Who	m:	· · · · · · · · · · · · · · · · · · ·		Via:	eMail	☐ Pi	hone	Fax	☐ In	Person				
	Regardi	ng:													
	Client In	structions:													
18.	Additional rer	marks;													
19	Cooler infor	mation													
	Cooler No	Temp ºC	Condition	Seal Intact	Seal No	Seal Date	,	Signe	d By	_					
	1	2.9	Good	Yes											

Chain-of-Custody Record Client: BLAGG ENGWEERWG		Turn-Around Time: HALL ENVIRONM									1EN	ATL	\L						
Client: BLA	GG EN	MUN EERWC	Standard	□ Rush	1		ANALYSIS LABORATORY												
BP	AMER	uca	Project Name		.			ww.h						**	"				
Mailing Address: P.O. Box 87			BARNO	4901 Hawkins NE - Albuquerque, NM 87109															
BP AMERICA Mailing Address: P. D. Box 87 BLOOM FIELD NM 87413		Project #:						Tel. 505-345-3975 Fax 505-345-4107											
Phone #:	505-	632-1199					~ 010												1
email or Fax#:			Project Mana	iger:	,			(Şi	sel)				(†C						
QA/QC Package Standard		☐ Level 4 (Full Validation)	Sampler: J	BLABE			MB's (8021)	TPH (Gas only)	as/Die			İ	,PO4,S	PCB's					
Accreditation	□ Othe	er	On Ice of the	A Yes	. □ No+.			+ TPH	15B (G	418.1)	504.1) PAH)		J ₃ ,NO ₂	3 / 8082		(A)	الها		:
☐ EDD (Type)			Sample Tem	perature	290			HE.	08 P	4 bc	<u>Б</u> 2	stals	Ž	ge	(V	위	60		2
Date Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	PEAL PO ATLA	ANO SE	BTEX + ₩##	BTEX + MTBE	TPH Method 8015B (Gas/Diesel)	TPH (Method	EDB (Method 504.1 8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,CI,NO ₃ ,NO ₂ ,PO ₄ ,SO ₄)	8081 Pesticides	8260B (VOA)	8270 (Semi-VOA)	CHURUPE		(Nac Wood)
9/12 1545	SOIL	ZI BGT 5-PECTB@5	402×1	cer		-1	×	$\overline{}$	- ,	X		/ 💆		ω	3		X		
	<u> </u>																		
	ļ			<u> </u>	<u> </u>														
Date: Time: 135	Relinquish	ed by: U Blyy	Received by:	u [No low	Date 2/13/12	Time 1135	10	2:1	NIL	140	4 D 126	E	OA	سيسير					
Date: Time:	Relinquish	ed by:	Received by:		Date	Time					UBO		,	_					
113/12/1610	Mhous	ti. 1 Santara.	Im, bu	110x	Dulle	1245	1. Ce	xxx	ect	, 6	Teff	Te	عصر	2_					

*



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

January 26, 2012

Bureau of Land Management Mark Kelly 1235 La Plata Hwy Farmington, NM 87401

VIA CERTIFIED MAIL - RETURN RECEIPT REUESTED

Re: Notification of plans to close/remove a below grade tank Well Name: BARNES LS 004

Dear Mark Kelly,

As part of the NM "Pit Rule": 19.15.17.13 Closure Requirements, Paragraph J. BP America Production Company (BP) is required to notify the surface owner of BP's plans to close/remove a below grade tank. BP wishes to inform you of our plans to close/remove the below grade tank on its well pad located on your surface. BP plans to commence this work on or about January 31, 2012. If there aren't any unforeseen problems, the work should be completed within 10 working days.

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

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

Sincerely,

Jerry Van Riper

Surface Coordinator/Business Security Representative

BP America Production Company

BP America Production Company

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

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

January 30, 2017

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

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

BARNES LS 004 API 30-045-11259 (M) Section 26 – T32N – R11W San Juan County, New Mexico

Dear Mr. Brandon Powell:

In regards to the captioned subject and requirements of the NMOCD pit rule, this letter is notification that BP is planning to close a 21 bbl. BGT that will no longer be operational at this well site.

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

Sincerely,

Buddy Shaw BP Environmental Advisor

(505) 320-0401



