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

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: Below grade tank registration OIL CONS. DIV DIST. 3
45-23258 ☐ Permit of a pit or proposed alternative method ☐ Closure of a pit, below-grade tank, or proposed alternative method ☐ DEC 2 3 2014
☐ Modification to an existing permit/or registration
Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method
Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request
Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.
Operator: BP America Production CompanyOGRID #:778
Address:200 Energy Court, Farmington, NM 87401
Facility or well name:Bolack 3
API Number:3004523258OCD Permit Number:
$\label{thm:condition} \begin{tabular}{lllllllllllllllllllllllllllllllllll$
Center of Proposed Design: Latitude36.64151 Longitude107.71022 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 ☐ PVC ☐ Other
☐ String-Reinforced
Liner Seams: Welded Factory Other Volume: bbl Dimensions: Lx Wx D
3.
■ Below-grade tank: Subsection I of 19.15.17.11 NMAC Tank B
Volume:45.0bbl 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/double bottomed; side walls not visible
Liner type: Thicknessmil

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) Four foot height, four strands of barbed wire evenly spaced between one and four feet Alternate. Please specify	hospital,					
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Screen Netting Other Monthly inspections (If netting or screening is not physically feasible)						
Signs: Subsection C of 19.15.17.11 NMAC 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers Signed in compliance with 19.15.16.8 NMAC						
Variances and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a box if one or more of the following is requested, if not leave blank: Variance(s): Requests must be submitted to the appropriate division district for consideration of approval. Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.						
Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptance are provided below. Siting criteria does not apply to drying pads or above-grade tanks.	ptable source					
General siting						
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. - □ NM Office of the State Engineer - iWATERS database search; □ USGS; □ Data obtained from nearby wells	Yes No					
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. (Does not apply to below grade tanks) - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No					
Within the area overlying a subsurface mine. (Does not apply to below grade tanks) - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No					
Within an unstable area. (Does not apply to below grade tanks) - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map						
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						
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No					
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)						
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No					

Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial	Yes No
application. - 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 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19. and 19.15.17.13 NMAC	NMAC 15.17.9 NMAC
Previously Approved Design (attach copy of design) API Number: or Permit Number:	
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 19.15.17.13 NMAC	
Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC	
Previously Approved Design (attach copy of design) API Number: or Permit Number:	

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. Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Climatological Factors Assessment Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC Quality Control/Quality Assurance Construction and Installation Plan Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Nuisance or Hazardous Odors, including H ₂ S, Prevention Plan Emergency Response Plan Oil Field Waste Stream Characterization Monitoring and Inspection Plan Erosion Control Plan Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC	documents are					
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 Fl 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	luid Management Pit					
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be a 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. P 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 Ground water is between 25-50 feet below the bottom of the buried waste	Yes No					
- 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 Yes NA 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						

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										
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 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 19.15.17.13 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 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	11 NMAC 15.17.11 NMAC									
17. Operator Application Certification:										
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and believe	ef.									
Name (Print): Title:										
Signature: Date:										
Date:										
e-mail address:Telephone:										
18.										
18. OCD Approval: ☐ Permit Application (including closure plan) ☑ Closure Plan (only) ☐ OCD Conditions (see attachment)										
18. OCD Approval: ☐ Permit Application (including closure plan) ☐ Closure Plan (only) ☐ OCD Conditions (see attachment) OCD Representative Signature: ☐ Approval Date: 1/28										
18. OCD Approval: ☐ Permit Application (including closure plan) ☑ Closure Plan (only) ☐ OCD Conditions (see attachment)										
18. OCD Approval: ☐ Permit Application (including closure plan) ☑ Closure Plan (only) ☐ OCD Conditions (see attachment) OCD Representative Signature: ☐ Approval Date: 1/28	QOIS the closure report.									
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Approval Date: 1/28 Title: OCD Permit Number: Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not section of the form until an approved closure plan has been obtained and the closure activities have been completed.	the closure report.									

Form C-144

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: Jafb Rosce	Date:December 22, 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

Bolack 3 BGT Tank B (45 bbl) API No. 3004523258 Unit Letter M, Section 20, T28N, R8W

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
	45 bbl BGT, Tank B	(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 well area.

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

The area over the BGT is 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 as part of final reclamation when the well is plugged and abandoned.

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

BP will notify NMOCD when re-vegetation is successful.

- 15. Within 60 days of closure completion, BP shall submit a closure report on NMOCD's form C-144, and will include the following;
 - a. proof of closure notification (surface owner and NMOCD)
 - b. sampling analytical reports; information required by 19.15.17 NMAC;
 - c. disposal facility name and permit number
 - d. details on back-filling, capping, covering, and where applicable re-vegetation application rates and seeding techniques and
 - e. site reclamation, photo documentation.

 Closure report on C-144 form is included.
- 16. BP shall certify that all information in the report and attachments is accurate, truthful, and compliant with all applicable closure requirements and conditions specified in the approved closure plan.

Certification section of C-144 has been completed.

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

State of New Mexico Energy Minerals and Natural Resources

Form C-141
Revised August 8, 2011

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

	Release Notification and Corrective Action										
						OPERA	ΓOR	☐ Init	ial Report	\boxtimes	Final Report
Name of Co	ompany: B	P				Contact: Jeff Peace					
		Court, Farmi	ington, N	M 87401		Telephone No.: 505-326-9479					
Facility Name: Bolack 3						Facility Type: Natural gas well					
Surface Ow	ner: Feder	al		Mineral (wner	: Federal		API N	o. 3004523	258	
				LOCA	ATIC	ON OF RE	LEASE				
Unit Letter	Section	Township	Range	Feet from the		h/South Line	Feet from the	East/West Line	County: S	an Juai	n
M	20	28N	8W	810		South 1,000 West					
	Latitude 36.64151 Longitude 107.71022										
				NAT	URI	E OF REL	EASE				
Type of Rele							Release: N/A	Volume	Recovered: 1	N/A	
		w grade tank –	45bbl, Ta	ank B			Iour of Occurrence	e: Date and	Hour of Dis	covery	':
Was Immedi	ate Notice (Yes [No Not R	equired	If YES, To	Whom?				
By Whom?						Date and H					
Was a Water	course Read		Yes 🗵	No		If YES, Vo	olume Impacting t	he Watercourse.			
If a Watercon	ırse was Im	pacted, Descri	ibe Fully '	k							
the BGT. So	il analysis r	esulted in TPI	H, BTEX	and chloride belo	w stanc	dards. Analysi	the BGT was don s results are attach	hed.			
backfilled an	d compacted	d and is still w	vithin the	active well area.			nderneath the BG				
regulations a public health should their or or the environ	Il operators or the envir operations h nment. In a	are required to ronment. The ave failed to a	o report ar acceptance adequately OCD accep	nd/or file certain r tee of a C-141 report investigate and r	elease ort by the emedia	notifications ar he NMOCD mate contaminati	knowledge and und perform correctarked as "Final Room that pose a threet the operator of restriction."	tive actions for re eport" does not re eat to ground water	leases which lieve the oper er, surface wa	may en rator of iter, hu	ndanger f liability man health
	10	0					OIL CONS	SERVATION	DIVISIO	N	
Signature:	off 1	soco									
Printed Name	e: Jeff Peace	e				Approved by	Environmental Sp	pecialist:			
Title: Field E	nvironment	al Coordinato	r			Approval Dat	e:	Expiration	Date:		
E-mail Addre	E-mail Address: peace.jeffrey@bp.com					Conditions of Approval: Attached					
Date: Decem				ne: 505-326-9479							

DD	API#: 3004523258						
CLIENT: BP	P.O. BOX 87,			13	TANK ID	A &	
	(505) 632-119	9		(if applicble):	70	
FIELD REPORT:		PAGE #:	1 of	_1_			
SITE INFORMATION	I: SITE NAME: BOL	ACK # 3			DATE STARTED:	07/0	1/11
QUAD/UNIT: M SEC: 20 TWP:	28N RNG: 8W	PM: NM CNTY: S	J st: NM		DATE FINISHED:		
1/4-1/4/FOOTAGE: 810'S / 1,000 LEASE #: NM03549		SETYPE: FEDERAL CONTRACTOR:	EI KHODN	DIAN	ENVIRONMENTAL SPECIALIST(S):	NJ	IV
REFERENCE POINT				107 740	OG CLEU	EV.	821'
1) 95 BGT (SW/DB) - A	GPS COORD.:				ARING FROM W.H.:	91', \$	
45 BGT (SW/DB) - B	GPS COORD.:	00 044 = 4 37 40=			ARING FROM W.H.:	120',	
3)	CDS COOPD				ARING FROM W.H.:	,	
TANK 4) ID.	GPS COORD.:				ARING FROM W.H.:		
LAB INFORMATION:	CHAIN OF CUSTODY RECORD(S	S) # OR LAB USED:	НАП		_		OVM READING
1) SAMPLE ID: 5 PC-TB @ 6' (4				418 1	1/8015/8021/300) () (CI)	(ppm)
2) SAMPLE ID:						3.0 (01)	INA
3) SAMPLE ID:							
4) SAMPLE ID:							
SOIL DESCRIPTION		SILTY SAND / SILT / SILT					
	YELLOW BROWN	SILIT SAND / SILIT SILI	CLAT / CLAT / GR	AVEL/OII			
COHESION (ALL OTHERS): NON COHESIVE/ SLIGHTLY CONSISTENCY (NON COHESIVE SOILS): LC MOISTURE: DRY SLIGHTLY MOIST/ MOIST/W SAMPLE TYPE: GRAB COMPOSITE - # DISCOLORATION/STAINING OBSERVED	DOSE / FIRM / DENSE / VERY DEN ET / SATURATED / SUPER SATURATE F OF PTS. 5	DENSITY (C	LAYS): NON PLASTIC / SLIGH COHESIVE CLAYS & SI DETECTED: YES [LTS): SOFT	/FIRM/STIFF/VER	Y STIFF / HA	
	Terrer						
ANY AREAS DISPLAYING WETNESS: YES NO ADDITIONAL COMMENTS: NO APPARE	-	E FROM EITHER BGT (OBSERVED.				
	TI EVIDENCE OF ATTEMENT						
EXCAVATION DIMENSIONS (if applicable DEPTH TO GROUNDWATER: _>100' N): NA ft. X L	NA ft. X N	A ft. a		cavated (if applicable):		VA 10 PPM
SITE SKETCH	TO WELL	PLOT PL	AN circle: attach	ed OVM	CALIB. READ. = N	IA ppm	DE AFA
	HEAD					A ppm	RF = 0.52
		BERM		TIME:	NA am/pm	DATE:I	NA
	SEP.	A BERTIN			MISCELL	. NOT	ES
FENCE	EEHICE						
) >>		V	VO: N138640	9	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	(45)	(95 PBG			O: 48735		
	PBGTL	T.B. 6	~ 6'	<u> </u>	K: ZCHWLL	BGT	
$\left(\begin{array}{c} \left(\begin{array}{c} x \\ x \\ x \end{array}\right)^{-1} \right)$	T.B. ~ 5.5' B.G.	В.С	J.	-			
BERM	,			_			
				TAN ID.			
			X - S.F	_ A	BGT SIDEWALLS VISI	BLE: Y	N NA
NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCA			EST HOLE; ~ = APPROX.;	В	BGT SIDEWALLS VISI	BLE: Y	N NA
T.B. = TANK BOTTOM; PBGTL = PREVIOUS NA - NOT APPLICABLE OR NOT AVAILABL				WALL; M	lagnetic declinat	ion: 10	O° E
TRAVEL NOTES: CALLOUT:	06/30/11- After.	ONSITE:	07104144 46	er. (Sch	ed.)		

Hall Environmental Analysis Laboratory, Inc.

Date: 14-Jul-11 Analytical Report

CLIENT:

Blagg Engineering

Lab Order:

1107175

Project:

BOLACK #3

Lab ID:

1107175-01

Client Sample ID: 5PC-TB @ 6' (45 BGT)

Collection Date: 7/1/2011 2:05:00 PM

Date Received: 7/7/2011

Matrix: SOIL

Analyses	Result	PQL (Qual Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE	ORGANICS				Analyst: JB
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	7/9/2011 7:26:23 PM
Surr: DNOP	91.7	73.4-123	%REC	1	7/9/2011 7:26:23 PM
EPA METHOD 8015B: GASOLINE RAM	IGE				Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	7/12/2011 12:25:13 AM
Surr: BFB	112	75.2-136	%REC	1	7/12/2011 12:25:13 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.046	mg/Kg	1	7/12/2011 12:25:13 AM
Toluene	ND	0.046	mg/Kg	1	7/12/2011 12:25:13 AM
Ethylbenzene	ND	0.046	mg/Kg	1	7/12/2011 12:25:13 AM
Xylenes, Total	ND	0.093	mg/Kg	1	7/12/2011 12:25:13 AM
Surr: 4-Bromofluorobenzene	102	92-130	%REC	1	7/12/2011 12:25:13 AM
EPA METHOD 300.0: ANIONS					Analyst: SRM
Chloride	ND	1.5	mg/Kg	1	7/12/2011 12:23:39 PM
EPA METHOD 418.1: TPH					Analyst: JB
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	7/14/2011

Qualifiers:

- Value exceeds Maximum Contaminant Level
- Estimated value E
- Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit

- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- Spike recovery outside accepted recovery limits

Date: 14-Jul-11

QA/QC SUMMARY REPORT

Client:

Blagg Engineering

Project:

BOLACK #3

Work Order:

1107175

									11011	Oldel.	110/1/5
Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec L	owLimit Hi	ghLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: A	nions										
Sample ID: 1107175-01AMSD		MSD				Batch ID:	27558	Analysis	Date:	7/12/2011 1	2:58:28 PN
Chloride	14.49	mg/Kg	1.5	15	0.8031	91.2	79.6	112	0.402	20	
Sample ID: MB-27558		MBLK				Batch ID:	27558	Analysis	Date:	7/12/2011 1	0:39:09 AN
Chloride	ND	mg/Kg	1.5								
Sample ID: LCS-27558		LCS				Batch ID:	27558	Analysis	Date:	7/12/2011 1	0:56:34 AN
Chloride	14.53	mg/Kg	1.5	15	0	96.9	90	110			
Sample ID: 1107175-01AMS		MS				Batch ID:	27558	Analysis	Date:	7/12/2011 1	2:41:03 PN
Chloride	14.55	mg/Kg	1.5	15	0.8031	91.6	79.6	112			
Method: EPA Method 418.1: Ti	PH										
Sample ID: MB-27577		MBLK				Batch ID:	27577	Analysis	Date:		7/14/201
Petroleum Hydrocarbons, TR	ND	mg/Kg	20								
Sample ID: LCS-27577		LCS				Batch ID:	27577	Analysis	Date:		7/14/201
Petroleum Hydrocarbons, TR	99.06	mg/Kg	20	100	0	99.1	87.8	115			
Sample ID: LCSD-27577		LCSD				Batch ID:	27577	Analysis	Date:		7/14/201
Petroleum Hydrocarbons, TR	96.32	mg/Kg	20	100	0	96.3	87.8	115	2.80	8.04	
Wethod: EPA Method 8015B: D	Diesel Range	Organics									
Sample ID: MB-27529		MBLK				Batch ID:	27529	Analysis	Date:	7/9/2011	4:29:56 PN
Diesel Range Organics (DRO)	ND	mg/Kg	10								
Sample ID: LCS-27529		LCS				Batch ID:	27529	Analysis	Date:	7/9/2011	5:05:20 PN
Diesel Range Organics (DRO)	47.11	mg/ K g	10	50	0	94.2	66.7	119			
Sample ID: LCSD-27529		LCSD				Batch ID:	27529	Analysis	Date:	7/9/2011	5:40:47 PN
Diesel Range Organics (DRO)	52.73	mg/Kg	10	50	0	105	66.7	119	11.3	18.9	
Method: EPA Method 8015B: G	Cocolino Dan	INO.			1.4, 12			47			
Sample ID: MB-27527	asome Nam	MBLK				Batch ID:	27527	Analysis	Date:	7/11/2011	5:49:56 PM
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0					,,			
Sample ID: MB-27527	ND	MBLK	0.0			Batch ID:	27527	Analysis	Date:	7/12/2011 2	2:20: 4 9 AN
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0								
Sample ID: LCS-27527	(A.S.E.)	LCS				Batch ID:	27527	Analysis	Date:	7/11/2011 6	6:19: 47 PM
Gasoline Range Organics (GRO)	27.31	mg/Kg	5.0	25	2.21	100	88.8	124			
(0,10)											

		_	
Ou	ali	56	re

E Estimated value

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

J Analyte detected below quantitation limits

H Holding times for preparation or analysis exceeded

NC Non-Chlorinated

Date: 14-Jul-11

QA/QC SUMMARY REPORT

Client:

Blagg Engineering

Project: BOLACK #3

Work Order:

1107175

•											110/1/0
Analyte	Result	Units	PQL	SPK Va	a SPK ref	%Rec L	owLimit Hig	ghLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8021B:	Volatiles										
Sample ID: 1107175-01A MSD		MSD				Batch ID:	27527	Analysi	is Date:	7/12/2011	1:22:52 A
Benzene	0.8559	mg/Kg	0.048	0.957	0	89.4	67.2	113	2.91	14.3	
Toluene	0.9002	mg/Kg	0.048	0.957	0	94.1	62.1	116	0.0729	15.9	
Ethylbenzene	0.9396	mg/Kg	0.048	0.957	0	98.2	67.9	127	0.275	14.4	
Xylenes, Total	2.809	mg/Kg	0.096	2.871	0	97.9	60.6	134	1.42	12.6	
Sample ID: MB-27527		MBLK				Batch ID:	27527	Analysi	is Date:	7/12/2011	2:20:49 AN
Benzene	ND	mg/Kg	0.050								
Toluene	ND	mg/Kg	0.050								
Ethylbenzene	ND	mg/Kg	0.050								
Xylenes, Total	ND	mg/Kg	0.10								
Sample ID: LCS-27527		LCS				Batch ID:	27527	Analysi	is Date:	7/12/2011	1:51:51 AM
Benzene	0.8565	mg/Kg	0.050	1	0	85.6	83.3	107			
Toluene	0.9498	mg/Kg	0.050	1	0.013	93.7	74.3	115			
Ethylbenzene	0.9934	mg/Kg	0.050	1	0.0133	98.0	80.9	122			
Xylenes, Total	3.009	mg/Kg	0.10	3	0.0399	99.0	85.2	123			
Sample ID: 1107175-01A MS		MS				Batch ID:	27527	Analysi	is Date:	7/12/2011 1	2:54:02 AM
Benzene	0.8313	mg/Kg	0.047	0.943	0	88.1	67.2	113			
Toluene	0.9009	mg/Kg	0.047	0.943	0	95.5	62.1	116			
Ethylbenzene	0.9422	mg/Kg	0.047	0.943	0	99.9	.67.9	127			
Xylenes, Total	2.849	mg/Kg	0.094	2.83	0	101	60.6	134			

0			

E Estimated value

ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded

NC Non-Chlorinated

R RPD outside accepted recovery limits

J Analyte detected below quantitation limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name BLAGG				Date Recei	ved:		7/7/2011	
Work Order Number 1107175	1 111			Received	by: LNM		10006	
Checklist completed by: Signature Matrix:	Carrier name:	Clie	Date) labels checked 	by:	Initial	
Shipping container/cooler in good condition?		Vos	✓	No 🗆	Not Present			
Custody seals intact on shipping container/cod	eler?	Yes		No 🗆	Not Present		Not Shipped	V
Custody seals intact on sample bottles?		Yes		No 🗌	N/A	V		
Chain of custody present?		Yes	V	No 🗌				
Chain of custody signed when relinquished and	d received?	Yes	✓	No 🗌				
Chain of custody agrees with sample labels?		Yes	V	No 🗌				
Samples in proper container/bottle?		Yes	✓	No 🗌				
Sample containers intact?		Yes	~	No 🗌				
Sufficient sample volume for indicated test?		Yes	✓	No 🗌				
All samples received within holding time?		Yes	V	No 🗌	*		Number of bottles che	
Water - VOA vials have zero headspace?	No VOA vials subm	itted	✓	Yes	No 🗌		pH:	cked for
Water - Preservation labels on bottle and cap n	natch?	Yes		No 🗌	N/A ✔			
Water - pH acceptable upon receipt?		Yes		No 🗌	N/A		<2 >12 unle	ess noted
Container/Temp Blank temperature?		5.		<6° C Accepte	able ent time to cool.			
COMMENTS:				ii giveii sumcie	ant time to cool.			
Client contacted	Date contacted:			Pe	rson contacted			
							7.1.1 4.7 (1994)	
Contacted by:	Regarding:							
Comments:	77774							
					- PARKILLE			
					rena t			PP-918-74-9-8-1
· · · · · · · · · · · · · · · · · · ·			***		,			
Corrective Action		_						
							A. 200 - 300-01	

Chain-of-Custody Record		Tum-Around Time:			HALL ENVIRONMENTAL																
Client: BLAGG ENGR. / BP AMERICA		☑ Standard ☐ Rush																OR			
				Project Name:					2								.com			714	•
Mailing A	Address:	P.O. BOX	(87	1	BOLACK #	3		49	01 H										9		
,,,,,		BLOOME	FIELD, NM 87413	Project #:				4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107													
Phone #:	:	(505) 63	2-1199									TO SHARE	de la constantina	ysis	TANK TOWN	2000	THE REAL PROPERTY.				
email or	Fax#:			Project Manag	ger:									504)							
QA/QC Pa	-		Level 4 (Full Validation)		NELSON V	ELEZ	WB'5-(8021B)	+ TPH (Gas only)	/Diesel)					CI, NO3, NO2, PO4, SC	PCB's						2)
Accredita	Accreditation:		Sampler:	NELSON V	ELEZ	% £	(Gas	(Gas,					102,	82 P				- Annah manah	1	du	
□ NELAP □ Other		On Ice	∄ (Yes	E No	1	TPH	15B	18.1)	04.1	(H)		J3, N	/8082		-				L N		
□ EDD	(Type)	T		Sample Temp	erature:	6 5	1	+ 36	d 80)d 4	od 50	or P/	als	N, N	ides	-	V0/	0.00		+1:	(Y o
Date	Time	Matrix	Sample Request iD	Container Type and #	Preservative Type	HEAL No.	BTEX +***	BTEX + MTBE	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F, C	8081 Pesticides	8260B (VOA)	8270 (Semi-VOA)	Chloride (300.0)		1	5 pt. composite sample Air Bubbles (Y or N)
7/1/11	1405	SOIL	5PC-TB @ 6' (45 BGT)	4 oz 1	Cool	-1	٧		٧	٧								٧			V
																					\top
-																					
						- 2														1	
																					+
																	М			1	1
																				1	\top
Date:	Time:	Relinquishe	ed by:	Received by:		Date Time	Rei	nark	s:	TPI	H (8	015	B) -	GRO	. 8	DRO	000	ILY.			
16/11	1205	190	Men VI	1 pristing	re Walter	1/6/11 1205	-		LL DI					ı+ C-	min	nton	ı, NM	074	01		
Date:	Time:	Relinquishe	ed by:	Received by	1 111	Date Time			ork C					41 ty.FC				-	HWLLI	BGT	
16/11	1720	I hou	ature Walters	Janarah	of Mary	67/4/11 800	-5451		Star a				a al. 4	20 5							
	If necessa	y, samples st	ubmitted to Hall Environmental may be	suppontracted to other	accredited laborator	ies. I his serves as notice	of this	possib	uity. A	my su	p-cont	racted	ı data	will be	dear	y nota	ned on	the a	nalytica	il report	



