District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division 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.
Type of action: \Box Below \Box Period Close \Box Model \Box	<u>Pit, Below-Grade Tank, or</u> <u>ternative Method Permit or Closure F</u> ow grade tank registration nit of a pit or proposed alternative method sure of a pit, below-grade tank, or proposed alternati dification to an existing permit/or registration sure plan only submitted for an existing permitted or	OIL CONS. DIV DIST. 3 JUL 31 2015
Please be advised that approval of this request does	ethod t one application (Form C-144) per individual pit, below- not relieve the operator of liability should operations result i or of its responsibility to comply with any other applicable go	n pollution of surface water, ground water or the
I. Operator: BP America Production Comp Address:200 Energy Court, Farmingt Facility or well name:Jones LS 1 API Number:3004507719 U/L or Qtr/QtrB Section Center of Proposed Design: Latitude36 Surface Owner: I Federal I State I Private 2. I Pit: Subsection F, G or J of 19.15.17.11 Temporary: I Drilling I Workover I Permanent I Emergency I Cavitation I Lined I Unlined Liner type: Thicknes String-Reinforced	DanyOGRID #: Ocn, NM 87401 OCD Permit Number: 35Township29NRange8WC 6.68683Longitude107.64284 e [] Tribal Trust or Indian Allotment	ounty:San Juan NAD: \Box 1927 \boxtimes 1983 \blacksquare Price \Box CP Approve(ow Chloride Drilling Fluid \Box yes \Box no her
Tank Construction material: Steel Secondary containment with leak detection Visible sidewalls and liner Visible sidewalls and liner	.17.11 NMAC Tank A Type of fluid:Produced water Type of flu	verflow shut-off comed; side walls not visible
Alternative Method: Submittal of an exception request is required.	Exceptions must be submitted to the Santa Fe Environme	ntal Bureau office for consideration of approval.

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Page 1 of 6 $\mathcal{Q}($

Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)

Chain link, six feet in height, two strands of barbed wire at top (*Required if located within 1000 feet of a permanent residence, school, hospital, institution or church*)

Four foot height, four strands of barbed wire evenly spaced between one and four feet

Alternate. Please specify_

6.

Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)

Screen Netting Other

Monthly inspections (If netting or screening is not physically feasible)

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 acceptable source material are provided below. Siting criteria does not apply to drying pads or above-grade tanks.

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				
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				
 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 				
 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, 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.	🗌 Yes 🗌 No			
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site Within 500 feet of a wetland.				
- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	Yes No			
^{10.} <u>Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist</u> : Subsection B of 19.15.17.9 N <i>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.</i>				
 Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.12 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 				
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 documents are 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 19.15.17.9 NMAC 				
and 19.15.17.13 NMAC Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC				
Previously Approved Design (attach copy of design) API Number: or Permit Number:				

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12. Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the 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 Remergency Response Plan Oil Field Waste Stream Characterization Monitoring and Inspection Plan Erosion Control Plan Closure Plan - based upon the appropriate requirements of 19.15.17.9 NMAC and 19.15.17.13 NMAC	documents are
13. Proposed Closure: 19.15.17.13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Multi-well F 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
 <u>Waste Excavation and Removal Closure Plan Checklist</u>: (19.15.17.13 NMAC) <i>Instructions: Each of the following items must be closure plan. Please indicate, by a check mark in the box, that the documents are attached.</i> 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 Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC 	
15. <u>Siting Criteria (regarding on-site closure methods only)</u> : 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. H 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	
Form C-144 Oil Conservation Division Page 4 o	f 6

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 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 Within a 100-year floodplain.	Yes No				
- FEMA map	Yes No				
 16. On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved) Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Stit Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 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 believed and be	ef.				
Name (Print): Title:					
Signature: Date:					
e-mail address: Telephone:					
18. OCD Approval: Permit Application (Including closure plan) 🕅 Closure Plan (only) 🗌 OCD Conditions (see attachment)	/				
OCD Representative Signature: Approval Date:	115				
Title: Coviconnental Spec. OCD Permit Number:					
 19. <u>Closure Report (required within 60 days of closure completion)</u>: 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. 					
 20. Closure Method: Waste Excavation and Removal On-Site Closure Method Alternative Closure Method Waste Removal (Closed-loo If different from approved plan, please explain. 	op systems only)				
 21. Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indemark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure for private land only) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (required for on-site closure) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique 	licate, by a check				

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Operator Closure Certification:

22.

I hereby	y 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 con	nditions specified in the approved closure plan.

Name (Print): _____Jeff Peace_

Title: Field Environmental Coordinator

and Signature:

Date: __July 29, 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

Jones LS 1 API No. 3004507719 Unit Letter B, Section 35, T29N, 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

- 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.
- 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

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
	95 bbl BGT	(mg/Kg)	results
Benzene	US EPA Method SW-846 8021B or 8260B	0.2	ND
Total BTEX	US EPA Method SW-846 8021B or 8260B	50	0.0144
TPH	US EPA Method SW-846 418.1	100	84
Chlorides	US EPA Method 300.0 or 4500B	250 or background	200

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.

- BP shall notify the division District III office of its results on form C-141.
 C-141 is attached.
- 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 when the well is plugged and abandoned as part of final reclamation.

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.

State of New Mexico Energy Minerals and Natural Resources

> Oil Conservation Division 1220 South St. Francis Dr.

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Form C-141

Revised August 8, 2011

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			Rele	ease Notifi	catio	n and Co	orrective A	ction			
						OPERA	ГOR	🗌 Initia	al Report	\bowtie	Final Report
Name of Company: BP					Contact: Jef	f Peace					
Address: 200 Energy Court, Farmington, NM 87401					Telephone 1	No.: 505-326-94	179				
Facility Name: Jones LS 1					Facility Typ	e: Natural gas v	well				
Surface Ou	mary Eadara	1		Minaral)	Federal		ADINA	20045075	710	
Surface Owner: FederalMineral Owner: FederalAPI No. 3004507719											
				LOCA		N OF RE	LEASE				
Unit Letter B		Township 29N	Range 8W	Feet from the 990	North Nouth	th/South Line Feet from the East/West th 1,650 East			County: Sa	an Juan	
		Lat	itude_3	6.68683		Longitud	le107.64284_				
				NAT	TURE	OF REL	EASE				
Type of Rele	ase: none						Release: N/A	Volume R	ecovered: N	J/A	
Source of Re		grade tank -	95 bbl			Date and H	lour of Occurrence	ce: Date and	3004507719 County: San Juan covered: N/A lour of Discovery: e ensure no soil impacts from e area under the BGT was ant to NMOCD rules and ases which may endanger ve the operator of liability surface water, human health mpliance with any other DIVISION		
Was Immedi	ate Notice Gi		Yes 🗌	No 🛛 Not R	equired	If YES, To	Whom?				
By Whom?						Date and H	Iour				
Was a Water	course Reach						olume Impacting	the Watercourse.			
			Yes 🛛	No							
the BGT. So	il analysis re	sulted in TPI	I, BTEX	and chloride belo	w stand	ards. Analysi	s results are attac	hed.			
I hereby certi regulations a public health should their o	d compacted ify that the in Il operators a or the enviro operations ha nment. In ad	formation gi re required to onment. The ve failed to a dition, NMO	ven above o report ar acceptanc dequately CD accep	active well area. is true and comp ad/or file certain to be of a C-141 repu- investigate and to	olete to t release r ort by th remediat	he best of my notifications a ne NMOCD m te contaminati	knowledge and u nd perform correc arked as "Final R on that pose a thr	inderstand that purs tive actions for rele eport" does not reli eat to ground water	uant to NM eases which eve the oper , surface wa	OCD ru may en rator of tter, hun	iles and idanger Tiability man health
OIL CONSERVATION DIVISION											
Signature:	off be	rall				Annuard	Environmental C	nogialist:			
Printed Name	e: Jeff Peace					Approved by	Environmental S	pecialist.			
Title: Field E	Environmenta	l Coordinato	r			Approval Dat	te:	Expiration	Date:		
E-mail Addre	ess: peace.jef	frey@bp.con	n			Conditions of	Approval:		Attached		
Date: July 29	9, 2015	1	Phone: 50	5-326-9479							

Date: July 29, 2015

* Attach Additional Sheets If Necessary

	BLAGG ENGINE O. BOX 87, BLOOM	,	APL#: 3004507719
CLIENT: P.	(505) 632-1		API#:
	(000) 002 1		
	GT CONFIRMATION TEMP. PIT CLOS	URE / RELEASE INVESTIGATION	PAGE No: _1_ of _1_
SITE INFORMATION:	SITE NAME: JONES LS	#1	DATE STARTED: 03/03/09
QUAD/UNIT: B SEC: 35 TWP: 2	9N RNG: 8W PM: NM	CNTY: SJ ST: NM	DATE FINISHED:
QTR-QTR/FOOTAGE: 990'N / 1,650	E NW/NE LEASE TYPE:	FEDERAL STATE / FEE / INDIAN	
	D. FORMATION: MV CON		SPECIALIST: JCB
REFERENCE POINT:	WELL HEAD (W.H.) GPS COO	RD.: 36.68705 X 107	7.64279 GL ELEV.: 6,388'
1) 95 BGT (DW/DB) GPS			ICE/BEARING FROM W.H.: 81', S21W
2) GPS	COORD.:	DISTAN	ICE/BEARING FROM W.H.:
3) GPS	COORD.:	DISTAN	ICE/BEARING FROM W.H.:
4) GPS			
5) GPS		DISTAN	
LAB INFORMATION:			
		D(S): ENVIROTECH	419 1/9015D/9021D/200 0 (CI)
1) SAMPLE ID: 95 BGT 5 pt. @ 4'			
2) SAMPLE ID:			
3) SAMPLE ID:			
4) SAMPLE ID:			
5) SAMPLE ID:			
SOIL DESCRIPTION:			
SOIL COLOR: DARK YELLOWISH COHESION (ALL OTHERS): NON COHESIVE/ SLIGHTLY COHE		DISCOLORATION/STAINING OBSEI	RVED: YES NO EXPLANATION -
CONSISTENCY (NON COHESIVE SOILS): LOOSE			
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESI		HC ODOR DETECTED: YES NO	EXPLANATION -
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM MOISTURE: DRY SLIGHTLY MOIST / MOIST / WET / SA		SAMPLE TYPE: GRAB COMPOSI	TE # OF PTS. 5
	T EVIDENCE OF A RELEASE OBS		
EXCAVATION DIMENSIONS (if applicable):	NA ft. X NA ft	X NA ft. cubic ya	ards excavated (if applicable): NA
SITE SKETCH		,	PLOT PLAN
		4	circle: Attached
	+ WELL	N	
	HEAD	1	MISCELL. NOTES
			DW - DOUBLE WALLED
			DB - DOUBLE BOTTOM
	FENCE		SIDEWALLS NOT VISIBLE
	BERM		
PBGTL T.B. ~4'			
B.G.			
		VARE	
		X - S.P.D.	
NOTES: BGT = BELOW/GRADE TANK; E.D. = EXCAVATIO T.B. = TANK BOTTOM; PBGTL = PREVIOUS BELC			MAGNETIC DECLINATION @ 13.5°E
TRAVEL NOTES: CALLOUT:		ONSITE: 03/03/09	
revised: 11/21/08			BEI1005E.SKF

.



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

5.0

Client:	Blagg/BP	Project #:	94034-0010
Sample ID:	95 BGT 5-pt @ 4'	Date Reported:	03-06-09
Laboratory Number:	49184	Date Sampled:	03-03-09
Chain of Custody No:	6445	Date Received:	03-04-09
Sample Matrix:	Soil	Date Extracted:	03-05-09
Preservative	Cool	Date Analyzed:	03-05-09
Condition:	Intact	Analysis Needed:	TPH-418.1

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

84.0

Total Petroleum Hydrocarbons

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: Jones LS #1.

Analyst

hristen Weles Review



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg/BP	Project #:	94034-0010
Sample ID:	95 BGT 5-pt @ 4'	Date Reported:	03-06-09
Laboratory Number:	49184	Date Sampled:	03-03-09
Chain of Custody No:	6445	Date Received:	03-04-09
Sample Matrix:	Soil	Date Extracted:	03-04-09
Preservative:	Cool	Date Analyzed:	03-05-09
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter asoline Range (C5 - C10)	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Jones LS #1.

Analyst

auter m Water Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg/BP		Project #:		94034-0010
Sample ID:	95 BGT 5-pt @ 4'		Date Reported:		03-06-09
Laboratory Number:	49184		Date Sampled:		03-03-09
Chain of Custody:	6445		Date Received:		03-04-09
Sample Matrix:	Soil		Date Analyzed:		03-05-09
Preservative:	Cool		Date Extracted:		03-04-09
Condition	Intact		Analysis Requested:		BTEX
				Det.	
		Concentration		Limit	
Parameter		(ug/Kg)		(ug/Kg)	
Benzene		ND		0.9	
Toluene		2.4		1.0	
Ethylbenzene		1.9		1.0	
p,m-Xylene		4.3		1.2	
o-Xylene		5.8		0.9	
Total BTEX		14.4			

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
3	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Jones LS #1.

Analyst

ristine of Waster Review



Chloride

lient:	Blagg/BP	Project #:	94034-0010
ample ID:	95 BGT 5-pt @ 4'	Date Reported:	03-06-09
ab ID#:	49184	Date Sampled:	03-03-09
ample Matrix:	Soil	Date Received:	03-04-09
Preservative:	Cool	Date Analyzed:	03-05-09
Condition:	Intact	Chain of Custody:	6445

Parameter

Total Chloride

200

Concentration (mg/Kg)

Reference:

U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983. Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments:

Jones LS #1.

Analyst

hristen Dalters Review



EPA METHOD 418.1 TOTAL PETROLEUM HYROCARBONS QUALITY ASSURANCE REPORT

Client:		QA/QC		Project #:		N/A					
Sample ID:		QA/QC		Date Reported		03-06-09					
Laboratory Number:		03-05-TPH.QA/Q	C 49179	Date Sampled		N/A					
Sample Matrix:		Freon-113		Date Analyzed	*	03-05-09					
Preservative:		N/A		Date Extracted	1:	03-05-09					
Condition:		N/A		Analysis Needed: TPH							
Calibration	I-Cal Date 02-13-09	C-Cal Date 03-05-09	I-Cal RF: 1,500	C-Cal RF: 1,610	% Difference 7.3%	Accept. Range +/- 10%					
Blank Conc. (mg TPH	g/Kg)		Concentration ND		Detection Lim 12.0	it.					
and the second				Duplicate 49.2	11日本の安全部省(1811年の時間の数1月1日の1820年3	Accept. Range +/- 30%					

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: QA/QC for Samples 49179, 49184 - 49189, 49191, 49222, and 49223.

Analyst

Mustur Walters Review

envirotech Analytical Laboratory

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC		Project #:		N/A
Sample ID:	03-05-09 QA/C	C	Date Reported:		03-06-09
Laboratory Number:	49166		Date Sampled:		N/A
Sample Matrix:	Methylene Chlori	de	Date Received:		N/A
Preservative:	N/A		Date Analyzed:		03-05-09
Condition:	N/A		Analysis Reque	sted:	TPH
	I-Cat Date	I-Cal RF	C-Cal RF,	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	1.0222E+003	1.0226E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.9419E+002	9.9459E+002	0.04%	0 - 15%
Blank Conc. (mg/L - mg/Kg)		Concentration		Detection Limit	
Gasoline Range C5 - C10		ND		0.2	R)
Diesel Range C10 - C28		ND		0.1	
Total Petroleum Hydrocarbons		ND		0.2	
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range	
Gasoline Range C5 - C10	102	104	2.4%	0 - 30%	10
Diesel Range C10 - C28	923	915	0.8%	0 - 30%	
Online Orange (mail/o)		0.00 0.000		54 m	
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	102	250	335	95.3%	75 - 125%
Diesel Range C10 - C28	923	250	1,160	98.9%	75 - 125%

ND - Parameter not detected at the stated detection limit.

References. Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments:

QA/QC for Samples 49166 - 49168, 49178, 49179, and 49181 - 49184.

Analyst

Mustere Mulaeters Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Sample ID: Laboratory Number: Sample Matrix: Preservative: Condition:	N/A 03-05-BT QA/QC 49164 Soil N/A N/A		Project #: Date Reported: Date Sampled: Date Received: Date Analyzed: Analysis:		N/A 03-06-09 N/A N/A 03-05-09 BTEX
Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF Accept. Ran	%Diff. ae 0 - 15%	Blank Conc	Detect. Limit
na na finansa na				na an a	
Benzene Toluene	1.5047E+005	1.5077E+005	0.2%	ND	0.1
Ethylbenzene	1.4374E+005 1.3688E+005	1.4403E+005 1.3716E+005	0.2%	ND ND	0.1
p,m-Xylene	3.6485E+005	3.6558E+005	0.2%	ND	0.1
o-Xylene	1 4949E+005	1.4979E+005	0.2%	ND	0.1
Duplicate Conc. (ug/Kg) Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene	Sample 4.1 7.2 5.3 15.9 13.3	Duplicate 4.0 6.7 5.1 15.6 12.8	%Diff. 2.4% 6.9% 3.8% 1.9% 3.8%	Accept Range 0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	Detect: Limit 0.9 1.0 1.0 1.2 0.9
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	4.1	50.0	53.7	99.3%	39 - 150
Toluene	7.2	50.0	54.2	94.8%	46 - 148
Ethylbenzene	5.3	50.0	54.3	98.2%	32 - 160
p,m-Xylene	15.9	100	111	95.7%	46 - 148
o-Xylene	13.3	50.0	60.3	95.3%	46 - 148

ND - Parameter not detected at the stated detection limit.

References:

Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996. Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 49164 and 49177 - 49184.

Analyst

Mustu m Walters Review

CHAIN OF CUSTODY RECORD

Client:	Project Name / Location:							ANALYSIS / PARAMETERS															
BLAGE/B	P		JONES	LS	12																		
Client Address:			Sampler Name:						2	21)	(0												
			JONES Sampler Name: J- E Client No.: 7403	SLAC	26				TPH (Method 8015)	BTEX (Method 8021)	826	RCRA 8 Metals			0								
Client Phone No.:			Client No.:						pou	thou	pou	leta	nion		H		(F.	ш				100	tact
			9403	34 -	010				Meth	(Me	Meth	8 1	/ Ar		TCLP with H/P		TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
Sample No./	Sample	Samp	e Lab No.		Sample	No./Volume	Pre	servativ	H ()	ШX	00	RA	tion	5	L L	PAH	H	FO				dun	dua
Identilication	Date	Time			Matrix	of Containers	HgCi	HCI	P P	B	2	BC	C	RCI	12	PA	Ë	Ъ.				ŝ	So
95 BOT- 5-p5 04	3/3/09	093	5 49184	Solid	Sludge Aqueous	1-402			×	\times							×	\times				\checkmark	\checkmark
1			,	Soil	Sludge																		
				Solid	Aqueous		-																
				Solid Solid	Sludge Aqueous																		
			Soil Solid	Sludge Aqueous																			
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