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District I
162 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

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
 □ Permit of a pit or proposed alternative method □ UL 31 2015 □ Modification to an existing permit/or registration
Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method
Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request
Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.
Operator: BP America Production Company OGRID #: 778
Address: 200 Energy Court, Farmington, NM 87401
Facility or well name: Florance #27A
API Number: 3004522349 OCD Permit Number:
U/L or Qtr/Qtr <u>E</u> Section <u>26</u> Township <u>29N</u> Range <u>9W</u> County: <u>San Juan</u>
Center of Proposed Design: Latitude <u>36.69981</u> Longitude <u>-107.75473</u> 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: Thicknessmil LLDPE HDPE PVC Other String-Reinforced
Liner Seams: Welded Factory Other Volume: bbl Dimensions: L x W x D
3.
Below-grade tank: Subsection I of 19.15.17.11 NMAC Tank B
Volume: 95.0 bbl 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 _ <u>Single walled/double bottomed; side walls visible</u>
Liner type: Thickness mil 🔲 HDPE 🗌 PVC 🗌 Other
Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.
Submittar of an exception request is required. Exceptions must be submitted to the Santa re Environmental Dureau office for consideration of approval.

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

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

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

Alternate. Please specify_

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

Screen Netting Other

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

Signs: Subsection C of 19.15.17.11 NMAC

12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

Signed in compliance with 19.15.16.8 NMAC

Variances and Exceptions:

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

Please check a box if one or more of the following is requested, if not leave blank:

- Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.
- Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

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	
<u>Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank.</u> - □ NM Office of the State Engineer - iWATERS database search; □ USGS; □ Data obtained from nearby wells	□ Yes □ No □ NA
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, 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 								
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							
^{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</i>								
 attached. Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.12 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. 								
Previously Approved Design (attach copy of design) API Number: or Permit Number:								
11. <u>Multi-Well Fluid Management Pit Checklist</u> : Subsection B of 19.15.17.9 NMAC <i>Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the dou attached.</i>	cuments are							
 Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC A List of wells with approved application for permit to drill associated with the pit. Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 and 19.15.17.13 NMAC 	.15.17.9 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:								

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 Quality Control/Quality Assurance Construction and Installation Plan Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Preeboard 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	documents are
 Monitoring and Inspection Plan Erosion Control Plan 	
Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC	
13. Proposed Closure: 19.15.17.13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Multi-well F 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 	attached to the
15.	
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable sour provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. P 19.15.17.10 NMAC for guidance.	ce material are lease refer to
Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No
 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	

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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 							
 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						
 16. On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure play 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 NMAC Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19. 15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards canned 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 belin Name (Print):							
Signature: Date:							
e-mail address: Telephone:							
18. OCD Approval: Permit Application (including closure plan) Image: Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Image: Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Image: Closure Plan (only) OCD Conditions (see attachment) Title: Image: Compliance Officient OCD Permit Number:	42015						
^{19.} <u>Closure Report (required within 60 days of closure completion)</u> : 19.15.17.13 NMAC <i>Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting</i> <i>The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not</i> <i>section of the form until an approved closure plan has been obtained and the closure activities have been completed.</i>							
Closure Completion Date: 4/8/2009							
 20. Closure Method: Waste Excavation and Removal On-Site Closure Method Alternative Closure Method Waste Removal (Closed-log If different from approved plan, please explain. 	op systems only)						
 21. <u>Closure Report Attachment Checklist</u>: <i>Instructions: Each of the following items must be attached to the closure report. Please ind mark in the box, that the documents are attached.</i> 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) 	dicate, by a check						

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Oil Conservation Division

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): Steve Moskal

Title: Field Environmental Coordinator

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Date: July 30, 2015

e-mail address: steven.moskal@bp.com

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Telephone: (505) 326-9497

BP AMERICA PRODUCTION COMPANY SAN JUAN BASIN, NORTHWEST NEW MEXICO

BELOW-GRADE TANK CLOSURE PLAN

Florance #27A API No. 3004522349 Unit Letter E, Section 26, T29N, R9W

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.

- 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	0.001
Total BTEX	US EPA Method SW-846 8021B or 8260B	50	0.0711
TPH	US EPA Method SW-846 418.1/ 8015B	100	169/2.6
Chlorides	US EPA Method 300.0 or 4500B	250 or background	16

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

> Soil under the BGT was sampled for laboratory analysis of BTEX and chloride with results below the stated limits. Sample was analyzed for TPH via Method 418.1 exceeded the stated limits however, the sample was non-

detect via Method 8015B. Sampling and laboratory results are 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 BGT was replaced with a double wall/double bottom BGT 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 BGT was replaced with a double wall/double bottom BGT and 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 BGT was replaced with a double wall/double bottom BGT and 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 BGT was replaced with a double wall/double bottom BGT and 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.

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.

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			Kel	ease Notifie	catio			ction		
						OPERA			Initia	l Report 🛛 Final Report
Name of Co						Contact: Ste		0.5		
Address: 200 Energy Court, Farmington, NM 87401 Facility Name: Florance #27A							No.: 505-326-94			
Facility Nan	ne: Floran	ce #2/A				Facility Typ	e: Natural gas v	vell		
Surface Own	ner: Feder	al		Mineral ()wner:	Federal		AP	I No.	. 3004522349
				LOCA	ATIO	N OF REI	LEASE			
Unit Letter	Section	Township	Range	Feet from the	-	/South Line	Feet from the	East/West L	ine	County: San Juan
Е	26	29N	9W	1,190	North		790	West		
		Lati	tude_3	6.69981		_ Longitude	<u>-107.75473</u>			
				NAT	URE	OF REL				
Type of Relea							Release: N/A			ecovered: N/A
Source of Rel		0	- 95 bbl				lour of Occurrenc	e: Date	and I	Hour of Discovery:
Was Immedia	ate Notice (Yes 🗌] No 🛛 Not R	equired	If YES, To	whom?			
By Whom?						Date and H	lour			
Was a Watero	course Read	ched?					olume Impacting t	he Watercours	se.	
			Yes 🗵	No						
If a Watercou	irse was Im	pacted, Descr	ibe Fully. ³	*						
the BGT. Soi	il analysis r	esulted in TP	H, BTEX	and chloride belo	w stand	ards. Analysi	s results are attacl	ned.		o ensure no soil impacts from
double botton	n/double w	all BGT and i	s still with	in the active well	area.					e BGT was replaced with a
regulations al public health should their o	l operators or the envir operations h ment. In a	are required t ronment. The ave failed to a ddition, NMC	o report an acceptanc adequately OCD accep	nd/or file certain r ce of a C-141 repo investigate and r	elease r ort by th emediat	otifications an e NMOCD m te contaminati	nd perform correc arked as "Final Ro on that pose a thre	tive actions fo eport" does no eat to ground v	r rele t relie vater,	uant to NMOCD rules and ases which may endanger eve the operator of liability , surface water, human health ompliance with any other
							OIL CONS	SERVATIO	ON	DIVISION
Signature:	Oten	Mu	$\overline{)}$							
Printed Name	: Steve Mo	skal				Approved by	Environmental S	pecialist:		
Title: Field En	nvironment	tal Coordinato	or			Approval Dat	e:	Expira	tion I	Date:
E-mail Addre	ss: steven.r	noskal@bp.co	om	A		Conditions of	Approval:			Attached
Date: July 30), 2015		Phone: 50	5-326-9497						
Attach Addit					I					

CLIENT: BP	P.O. BOX 8	G ENGINE 7, BLOOM 505) 632-	FIELD, N			API #: 30	04522349
FIELD REPORT:	BGT CONFIRMATIO	N TEMP. PIT CLOS	SURE / RELEASE	INVESTIGATION		PAGE No:	1 of 1
SITE INFORMATION		FLORANCI				DATE STARTED:	04/02/09
	P: 29N RNG: 9					DATE FINISHED:	
QTR-QTR/FOOTAGE: 1,190'N / LEASE #: SF080000	790'W NE/N PROD. FORMATION:	V LEASE TYPE: FT/MV COM	FEDERAL		INDIAN	ENVIRONMENTAL SPECIALIST:	JCB
REFERENCE POINT	C WELL HEAD) (W.H.) GPS COC	RD.:	36.69988	X 107.75	5431 GLEL	EV.: 5,874'
1)	GPS COORD .:	36.6996	7 X 107.75	439	DISTANCE/B	EARING FROM W.H.:	60', N35W
2) 95 BGT (TANK) - (SW/DB)	GPS COORD .:	36.6998	<u>31 X 107.75</u>	473	DISTANCE/B	EARING FROM W.H.:	123', S83W
3)	GPS COORD .:				DISTANCE/B	EARING FROM W.H.:	
4)	GPS COORD .:				DISTANCE/B	EARING FROM W.H.:	
	GPS COORD.:				DISTANCE/B	EARING FROM W.H.:	
LAB INFORMATION:		CUSTODY RECOF	RD(S):	ENVIROT	ECH	-	
1) SAMPLE ID:		04/02/09	SAMPLE TIME:	1110	LAB ANALYSIS:	418.1/8015D/8	
2) SAMPLE ID: 95 BGT (TANK) 5 p			SAMPLETIME:	1115	LAB ANALYSIS:	416.1/60150/6	021B/300.0 (CI)
3) SAMPLE ID:							
 SAMPLE ID:	SAMPLE DATE:						
SOIL DESCRIPTION						THER BEDROCK	
	ELLOWISH ORANGE	SAND/ SILI I SAN					
COHESION (ALL OTHERS): NON COHESIVE / SLIGHTL		HLY COHESIVE	MINOR ST	AINING OBSER		DROCK SURFACE	
CONSISTENCY (NON COHESIVE SOILS): LC PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC /				ANK) ONLY. DETECTED: YE	S NO EXP	ANATION -	
DENSITY (COHESIVE CLAYS & SILTS): SOFT							
MOISTURE: DRY SLIGHTLY MOIST / MOIST / W ADDITIONAL COMMENTS: BACKHO	ET / SATURATED / SUPER				OMPOSITE	# OF PTS. 5	5 BGT (TANK)
POSITION. WILL SET 95 DW/DB BG	the second s			DENCE OF ANY	IMPACTO (DBOERVED AT 95 B	INT (OEP.).
	e): NA ft.	X NA	ft. X NA	1			NA
EXCAVATION DIMENSIONS (if applicable	e): <u>NA</u> ft.	X _ IN/A _ 1	ft. X NA	Aft.	cubic yards	excavated (if applicable):	
SITESKETCH					•		T PLAN Attached
					N		
					' -	MISCELL	NOTES
						SW - SINGLE WA	
						3B - SINGLE BOT DB - DOUBLE BC	
						DB - DOUBLE BC	
PROD. TANK							
	FEN	05		L			
		GE		0		95 BGT (TANK) -	SIDEWALLS
$\begin{pmatrix} \mathbf{x} \\ \mathbf{x} \\ \mathbf{x} \end{pmatrix}$						VISIBLE	
96 (TANK) PBGTL	Prov					95 BOT (CEP.) - 6 NOT VISIBLE	IDEWALLO
T.B. ~ 6' B.G.	BERM					NOT VISIBLE	
				X - S	S.P.D.		
NOTES: BGT = BELOW-GRADE TANK; E.D. = EXC T.B. = TANK BOTTOM; PBGTL = PREVIOU						MAGNETIC DECL	INATION @ 13.5°E
TRAVEL NOTES: CALLOUT:			ONSITE:	04/00/00	an to Y Y Under		
revised: 11/21/08							BEI1005E.SKF



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

1001 0010

Preservative: Condition:	Cool Intact	Date Analyzed: Analysis Needed:	TPH-418.1
Parameter	•••••	centration ng/kg)	Det. Limit (mg/kg)
Total Petroleum Hydro	carbons	169	12.1

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: Florance 27A 5-Pt @ 5'.

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EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client	Blagg/BP	Project #:	94034-0010
Sample ID:	95 BGT (Tank) 5-pt @ 5'	Date Reported:	04-08-09
Laboratory Number:	49565	Date Sampled:	04-02-09
Chain of Custody No:	6759	Date Received:	04-06-09
Sample Matrix:	Soil	Date Extracted:	04-07-09
Preservative:	Cool	Date Analyzed:	04-07-09
Condition	Intact	Analysis Requested:	8015 TPH
			Det.

Parameter	Concentration (mg/Kg)	Limit (mg/Kg)
Gasoline Range (Ĉ5 - C10)	1.4	0.2
Diesel Range (C10 - C28)	1.2	0.1
Total Petroleum Hydrocarbons	2.6	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: Florance 27A

Analyst

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EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Parameter	Concentr	ation L	Det. .imit
Condition:	Intact	Analysis Requested:	BTEX
Preservative:	Cool	Date Extracted:	04-07-09
Sample Matrix:	Soil	Date Analyzed:	04-07-09
Chain of Custody:	6759	Date Received:	04-06-09
Laboratory Number:	49565	Date Sampled:	04-02-09
Sample ID:	95 BGT (Tank) 5-pt @ 5'	Date Reported:	04-08-09
Client:	Blagg/BP	Project #:	94034-0010

Parameter	(ug/Kg)	(ug/Kg)	
Benzene	1.0	0.9	
Toluene Ethylbenzene	4.7 4.5	1.0 1.0	
p,m-Xylene o-Xylene	45.9 15.0	1.2 0.9	
Total BTEX	71.1		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery				
	Fluorobenzene	99.0 %				
	1,4-difluorobenzene	99.0 %				
	Bromochlorobenzene	99.0 %				

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: Florance 27A

Analyst

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Chloride

Client	Block/BD	Design at the	0.400 A 0.040
	Blagg/BP	Project #:	94034-0010
Sample ID:	95 BGT (Tank) 5-Pt @ 5'	Date Reported:	04-09-09
Lab ID#:	49565	Date Sampled:	04-02-09
Sample Matrix:	Soil	Date Received:	04-06-09
Preservative:	Cool	Date Analyzed:	04-09-09
Condition:	Intact	Chain of Custody:	6759
Parameter		Concentration (mg/Kg	3)
Total Chloride		16	

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:

Florance 27A.

Analyst

Misthe Miceters Review

CHAIN OF CUSTODY RECORD

Client	Client: Project Name / Location:				ANALYSIS / PARAMETERS																	
BLAGE/B	P		FLORAN	CE	ZTA														 			
Client Address:			Sampler Name:						2)	121)	(00											
			J- BL	AGG	2				(Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	0			0							
Client Phone No .:			Client No .:						pou	tho	hod	Aeta	nior		HI		.1)	ш			00	itac
			94034	1-0	10				Meth	(Me	Met	RCRA 8 Metals	Cation / Anion		TCLP with H/P		TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
Sample No./	Sample	Sample	B Lab No.	S	ample	No./Volume of			Hd1	EX) C	CRA	atior	RCI	CLP CLP	PAH	H	FO			dute	dura
Identification	Date	Time			Aatrix	or Containers	HgCl,	HCI	E	6	X	Ĕ	ő	Ĕ	Ĕ	d	É	ō	 		ő	ũ
15 BUT (TANK) ST. PO & S'	12/0g	1115	- 49565	Solid	Sludge Aqueous	1-402			×	~	-						×	*			V	~
				Soil Solid	Sludge Aqueous																	
HE BOT (SEP)	4/3/00	110	49566	Soil	Sludge Aqueous	11			×	×							×	×			1	/
				Soil	Sludge Aqueous																	
				Soil	Sludge																	
				Solid Soil	Aqueous Sludge														 			
				Solid Soil	Aqueous Sludge		-												 			
				Solid	Aqueous														 			
				Soil Solid	Sludge Aqueous																	
				Soil Solid	Sludge Aqueous																	
				Soil Solid	Sludge Aqueous																	
Relinquished by: (Signa	ature)				Date	Time	F	Receiv	ed by:	(Sign	ature)							 	ate		me
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			5796 U.S	S. High	way 64 🛛	Farming	itor	n, NM	874(01 •	Tel	505-	632	-061	5							

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envirotech Analytical Laboratory

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC		Project #:		N/A
Sample ID:	04-07-09 QA/	QC	Date Reported:		04-08-09
Laboratory Number:	49550		Date Sampled:		N/A
Sample Matrix:	Methylene Chlo	ride	Date Received:		N/A
Preservative:	N/A	140	Date Analyzed:		
Condition:	N/A				04-07-09
	(ALL)		Analysis Reque	sted:	TPH
	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept-Range
Gasoline Range C5 - C10	05-07-07	9.8989E+002	9.9029E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0356E+003	1.0360E+003	0.04%	0 - 15%
				010110	0 1070
Blank Conc. (mg/L - mg/Kg)	and one services	Concentration		Detection Limit	
Gasoline Range C5 - C10		ND		0.2	
Diesel Range C10 - C28		ND		0.1	
Total Petroleum Hydrocarbons		ND		0.2	
		110		0.2	
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range	
Gasoline Range C5 - C10	63.8	60.3	5.5%	0 - 30%	
Diesel Range C10 - C28	16.9	15.7	7.1%	0 - 30%	
			7.170	0 - 00 /6	
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	63.8	250	309	98.4%	75 - 125%
Diesel Range C10 - C28	16.9	250	261	97.8%	75 - 125%
					- sz - 1.36 sz 713

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 49550, 49551, 49561, 49562, 49564 - 49566, and 49568 - 49570.

Analyst

Pristien Walters



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Sample ID: Laboratory Number: Sample Matrix: Preservative.	N/A 04-07-BT QA/QC 49550 Soil N/A		Project #: Date Reported: Date Sampled: Date Received: Date Analyzed:		N/A 04-08-09 N/A N/A 04-07-09
Condition:	N/A		Analysis:		BTEX
Calibration and	I-Cal RF	C-Cal RF:	%Diff.	Blank	Detect.
Detection Limits (ug/L)		Accept, Ran	ge 0 - 15%	Conc	Limit
Benzene	7.3103E+006	7 3249E+006	0.2%	ND	0.1
Toluene	5.7260E+006	6.7394E+006	0.2%	ND	0.1
Ethylbenzene	5.7716E+006	5.7831E+006	0.2%	ND	0.1
p,m-Xylene	1.4794E+007	1.4823E+007	0.2%	ND	0.1
o-Xylene	5 4788E+006	5.4898E+006	0.2%	ND	0.1
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	68.6	67.5	1.6%	0 - 30%	0.9
foluene	223	214	3.9%	0 - 30%	1.0
Ethylbenzene	260	251	3.7%	0 - 30%	1.0
o,m-Xylene	1,590	1,570	1.3%	0 - 30%	1.2
o-Xylene	261	254	2.6%	0 - 30%	0.9
Spike Conc. (ug/Kg)	Sampla	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	68.6	50.0	114	96.1%	39 - 150

Benzene	68.6	50.0	114	96.1%	39 - 150
Toluene	223	50.0	260	95.4%	46 - 148
Ethylbenzene	260	50.0	302	97.2%	32 - 160
p,m-Xylene	1,590	100	1,670	98.8%	46 - 148
o-Xylene	261	50.0	307	98.9%	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

QA/QC for Samples 49550, 49551, 49561, 49562, 49564 - 49566, and 49568 - 49570. Comments: Mister Weters Analyst



EPA METHOD 418.1 TOTAL PETROLEUM HYROCARBONS QUALITY ASSURANCE REPORT

Client: Sample ID: Laboratory Number: Sample Matrix: Preservative: Condition:	1	QA/QC QA/QC 04-07-TPH.QA/C Freon-113 N/A N/A	QC 49564	Project #: Date Reported Date Sampled: Date Analyzed Date Extracted Analysis Need	:	N/A 04-08-09 N/A 04-07-09 04-07-09 TPH
Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	04-06-09	04-07-09	1,510	1, 590	5.3%	+/- 10%
Blank Conc. (m TPH	g/Kg)		Concentration ND		Detection Lim 12.1	it
Duplicate Conc. (mg/Kg)			Sample	Duplicate	% Difference	Accept. Range
TPH			127	109	14.3%	+/- 30%
Spike Conc. (mg	g/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH		127	2,000	1,810	85.1%	80 - 120%

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 49564 - 49566 and 49568 - 49570.

Analyst

Mustre on Walters Review



