Form C-144 Revised June 6, 2013

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

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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

12293 Proposed Alternative Method Permit or Closure Plan Application DIV DIST.	. 3
Type of action: 45-278 93 Below grade tank registration Permit of a pit or proposed alternative method Closure of a pit, below-grade tank, or proposed alternative method Modification to an existing permit/or registration 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 organization.	ne linances.
Operator: BP America Production CompanyOGRID#:778	
Address:200 Energy Court, Farmington, NM 87401	
Facility or well name:Fields A 19	
API Number:3004527893 OCD Permit Number:	,
U/L or Qtr/QtrHSection28Township32NRange11WCounty:San Juan	_
Center of Proposed Design: Latitude36.957604 Longitude107.989534 NAD: □1927 ⊠ 1983	
Surface Owner: X Federal X State Private Tribal Trust or Indian Allotment	
2. ☐ <u>Pit</u> : Subsection F, G or J of 19.15.17.11 NMAC	
Temporary: Dprilling Workover	J
☐ 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 A	
Volume: 95.0 bbl Type of fluid: Produced water	ľ
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: Thickness mil	
4.	
Alternative Method:	
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of appro	val.

Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks) Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, institution or church)	hospital,
Four foot height, four strands of barbed wire evenly spaced between one and four feet	
Alternate. Please specify	
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 accematerial 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
<u>Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit.</u> NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. (Does not apply to below grade tanks) - Written confirmation or verification from the municipality; Written approval obtained from the municipality	Yes No
Within the area overlying a subsurface mine. (Does not apply to below grade tanks) - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
 Within an unstable area. (Does not apply to below grade tanks) Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	☐ Yes ☐ No
Within a 100-year floodplain. (Does not apply to below grade tanks) - FEMA map	☐ Yes ☐ No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

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 Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.1 and 19.15.17.13 NMAC	
Previously Approved Design (attach copy of design) API Number: or Permit Number:	
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.	uments 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.	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:	

Page 3 of 6

Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the attached.	documents are
Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Climatological Factors Assessment	e ^c
☐ 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	
Proposed Closure: 19.15.17.13 NMAC	
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Multi-well F	`luid Management Pit
☐ Alternative Proposed Closure Method: ☐ Waste Excavation and Removal	Tata Management 1 it
Waste Removal (Closed-loop systems only) On-site Closure Method (Only for temporary pits and closed-loop systems)	
☐ In-place Burial ☐ On-site Trench Burial ☐ Alternative Closure Method	
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be closure plan. Please indicate, by a check mark in the box, that the documents are attached. □ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC □ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC □ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) □ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC □ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable sour provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Fig. 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
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	Yes No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	Yes No
 Within an unstable area. Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	
Within a 100-year floodplain.	☐ Yes ☐ No
- 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 plants 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. Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19. 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 cann 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
Operator Application Certification:	
	ief
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and beli	
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I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and beling the Name (Print): Title: Signature: Date:	filly the closure report.
Title: Signature: Date:	filly the closure report.
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and beling the Name (Print): Title: Signature: Date:	the closure report.

Form C-144 Oil Conservation Division Page 5 of 6

Operator Closure Certification:	
I hereby certify that the information and attachments submitted with this closure repelled. I also certify that the closure complies with all applicable closure requirements.	
Name (Print):Jeff Peace	Title: Field Environmental Coordinator
Signature: Jeff Posce	Date:October 20, 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

Fields A 19 API No. 3004527893 Unit Letter H, Section 28, T32N, R11W

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

General Closure Plan

- 1. BP shall notify the surface owner by certified mail that it plans to close a BGT. Evidence of mailing of the notice to the address of the surface owner shown in the county tax records demonstrates compliance with this requirement.
 - Notice is attached.
- 2. BP shall notify the division District III office verbally or by other means at least 72 hours, but not more than one (1) week, prior to any closure operation. The notice shall include the operator's name, and the location to be closed by unit letter, section, township and range. If the BGT closure is associated with a particular well, then the notice shall also include the well's name, number and API number.

Notice is attached.

- 3. BP shall remove liquids and sludge from the BGT prior to implementing a closure method and dispose of the liquids and sludge in a NMOCD's division-approved facility. The facilities to be used are:
 - a. BP Crouch Mesa Landfarm, Permit NM-02-003 (Solids)
 - b. JFJ Landfarm, Permit NM-01-010(B) (Solids and Sludge)
 - c. Basin Disposal, Permit NM-01-0005 (Liquids)
 - d. Envirotech Inc Soil Remediation Facility, Permit NM-01-0011 (Solids and Sludge)
 - e. BP Operated E.E. Elliott SWD #1, API 30-045-27799 (Liquids)

- f. BP Operated 13 GCU SWD #1, API 30-045-28601 (Liquids)
- g. BP Operated GCU 259 SWD, API 30-045-20006 (Liquids)
- h. BP Operated GCU 306 SWD, API 30-045-24286 (Liquids)
- i. BP Operated GCU 307 SWD, API 30-045-24248 (Liquids)
- j. BP Operated GCU 328 SWD, API 30-045-24735 (Liquids)
- k. BP Operated Pritchard SWD #1, API 30-045-28351 (Liquids)

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

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

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

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

All equipment associated with the BGT has been removed.

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

Constituents	Testing Method	Release Verification	Sample
	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	ND
TPH	US EPA Method SW-846 418.1	100	43.9
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 covered by the LPT 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 area over the BGT is covered by the LPT 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 area over the BGT is covered by the LPT 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.

<u>District I</u> 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 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

* Attach Additional Sheets If Necessary

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

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

			Rele	ease Notific	eation	and Co	orrective A	ction	1			
						OPERA	ГOR		☐ Initia	al Report		Final Report
Name of Co	ompany: B	P				Contact: Jef			<u> </u>	<u> </u>		
		Court, Farmi	ington, N	M 87401	,	Telephone No.: 505-326-9479						
Facility Nat	ne: Fields	A 19					e: Natural gas v					
Surface Ow	ner: Feder	al		Mineral C)wner: I	rederal			API No	. 300452789	3	
				LOCA	ATION	OF RE	LEASE					
Unit Letter H	Section 28	Township 32N	Range 11W	Feet from the 1,940		South Line	Feet from the 1,180	East/V East	West Line	County: San	Juan	
		Latit	u de 36.	957604		Longitude	e108.989534				·	
				NAT	URE	OF RELI	EASE					
Type of Rele	ase: none					Volume of	Release: N/A		Volume R	Recovered: N/A		
Source of Re	lease: belov	v grade tank –	· 95 bbl				lour of Occurrence	e:	Date and	Hour of Disco	very: 1	N/A
Type of Release: none Source of Release: below grade tank – 95 bbl Was Immediate Notice Given? Yes No No By Whom? Was a Watercourse Reached? Yes No If a Watercourse was Impacted, Describe Fully.*						N/A If YES, To	Whom?					
was milieur	ale Nolice (Yes [No ⊠ Not Re	equired	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	whom?					
By Whom?					'	Date and I-	lour					
	course Read	ched?						the Wate	ercourse.			
☐ Yes ⊠ No												
						<u> </u>						
				n Taken.* Samplin and chlorides belo					g removal t	o ensure no so	oil imp	acts from
backfilled and	d compacte	d and is still w	vithin the a	en.* BGT was re active well area.								
regulations al public health should their or or the environ	I operators or the environment operations had ment. In a	are required to ronment. The ave failed to a	o report an acceptance adequately OCD accep	is true and comp d/or file certain re e of a C-141 repo investigate and re tance of a C-141	elease no ort by the emediate	tifications ar NMOCD m contaminati	nd perform correct arked as "Final R on that pose a thre	ctive acti eport" d eat to gr	ons for rele oes not reli- ound water	eases which m eve the operat , surface wate	ay end or of li r, hum	langer iability an health
A	00 0)					OIL CON:	SERV	ATION	DIVISION	1	
Signature:	HR K	sel										
Printed Name	: Jeff Peace	e			A	Approved by	Environmental S	pecialist	: 			
Title: Field E	nvironment	tal Coordinato	r		/	Approval Dat	e:	I	Expiration I	Date:		
E-mail Addre	ess: peace.je	effrey@bp.cor	n			Conditions of	Approval:	: Attached				
Date: Octobe	er 20, 2014		Phone	e: 505-326 - 9479								

CLIENT: BP	BLAGG ENGIN P.O. BOX 87, BLOO	WFIELD, NM 87413	API#: 3004527893
	(505) 63	2-1199	(if applicble):
FIELD REPORT:	(circle one): BGT CONFIRMATION / RELEAS	E INVESTIGATION / OTHER:	PAGE#:1_ of1_
SITE INFORMATION		9	DATE STARTED: 08/14/14
	32N RNG: 11W PM: NM		DATE FINISHED:
	O'E SE/NE LEASE TYPE: F	ELKHORN	ENVIRONMENTAL
		TOR: MBF - B, SCHUMAN	SPECIALIST(S): JCB
REFERENCE POINT			
	GPS COORD.: 36.957604		
	GPS COORD.:		
	GPS COORD.:		
SAMPLING DATA:	CHAIN OF CUSTODY RECORD(S) # OR LAB USE		OVM READING
	D 6' SAMPLE DATE: 08/14/14 SA		(ppm)
	SAMPLE DATE: SA		
	SAMPLE DATE: SA		
4) SAMPLE ID:	SAMPLE DATE:SA	MPLE TIME: LAB ANALYSIS:	
SOIL DESCRIPTION	SOIL TYPE: SAND SILTY SAND SILT / SILTY	CLAY / CLAY / GRAVEL / OTHER	
SOIL COLOR: DARK YELLO	MSH ORANGE PLASTICIT	Y (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / (COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC
COHESION (ALL OTHERS): NON COHESIVE SLIGHTLY CONSISTENCY (NON COHESIVE SOILS): LC		(COHESIVE CLAYS & SILTS): SOFT / FIRM	
MOISTURE: DRY (SLIGHTLY MOIST) MOIST / WA		DETECTED: YES NO EXPLANATION -	
SAMPLE TYPE: GRAB COMPOSITE -#		AS DISPLAYING WETNESS: YES NO EXPLA	NATION -
DISCOLORATION/STAINING OBSERVED: YES IN		<u> </u>	
	S: LOST INTEGRITY OF EQUIPMENT: YES NO AND/OR OCCURRED: YES NO EXPLANATION:		<u> </u>
EQUIPMENT SET OVER RECLAIMED AREA:	ES NO EXPLANATION - LOW PROFILE A		BGT POSITION.
OTHER: <u>BGT HAD PEA GRAVEL UNDER E</u>	ОТТОМ.		
SOIL IMPACT DIMENSION ESTIMATION:			TIMATION (Cubic Yards) : NA
OUTE OUTETOU			CD TPH CLOSURE STD: 100 ppm
SITE SKETCH	BGT Located: off on site		CALIB. READ. = 52.6 ppm RF =0.52
			CALIB. GAS = 100 ppm
		W.H. N	: 6:30 @mpm DATE: 08/14/14
PBGTL		:	MISCELL. NOTES
T.B. ~ 6 B.G.		-	vo: N15489286
B.G.			K: ZEVH01BGT2
BERM	COMPRESSOR		J#: Z2-006Q 0
$(x \overset{x}{x} \overset{x}{x})$	\	<u> </u>	ermit date(s): 06/09/10
то			CD Appr. date(s): 06/27/14 OVM = Organic Vapor Meter
EPHERMERAL WASH	SEPARATOR		
(~60') ×		X - S.P.D.	BGT Sidewalls Visible: Y / N
NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCAVATIO	V DEPRESSION; B.G. = BELOW GRADE; B = BELOW; T.H. =	TEST HOLE; ~ = APPROX.; W.H. = WELL HEAD;	BGT Sidewalls Visible: Y / N
T.B. = TANK BOTTOM; PBGTL = PREVIOUS BELO	W-GRADE TANK LOCATION;	NATION; R.W. = RETAINING WALL; NA - NOT	Magnetic declination: 10° E
NOTES:		ONSITE: 08/14/14	

revised: 11/26/13 BEI1005E-6.SKF



Project Name:

Fields A 19

PO Box 22024

Project Number: Tulsa OK, 74121-2024 Project Manager: 03143-0424 Jeff Blagg

Reported: 18-Aug-14 09:46

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
95 BGT 5-pt @ 6'	P408057-01A	Soil	08/14/14	08/14/14	Glass Jar, 4 oz.



Tulsa OK, 74121-2024

PO Box 22024

Project Name:

Fields A 19

Project Number: Project Manager:

03143-0424 Jeff Blagg

Reported:

18-Aug-14 09:46

95 BGT 5-pt @ 6' P408057-01 (Solid)

		•							
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.05	mg/kg	I	1433025	08/15/14	08/15/14	EPA 8021B	
Toluene	ND	0.05	mg/kg	1	1433025	08/15/14	08/15/14	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1	1433025	08/15/14	08/15/14	EPA 8021B	
p,m-Xylene	ND	0.10	mg/kg	1	1433025	08/15/14	08/15/14	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1	1433025	08/15/14	08/15/14	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1	1433025	08/15/14	08/15/14	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1	1433025	08/15/14	08/15/14	EPA 8021B	
Surrogate: Bromochlorobenzene		99.0 %	50-	150	1433025	08/15/14	08/15/14	EPA 8021B	
Surrogate: 1,3-Dichlorobenzene		101 %	50-	150	1433025	08/15/14	08/15/14	EPA 8021B	
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	43.9	34.9	mg/kg	1	1433030	08/15/14	08/15/14	EPA 418.1	
Cation/Anion Analysis									
Chloride	ND	9.87	mg/kg	1	1433029	08/15/14	08/15/14	EPA 300.0	



Tulsa OK, 74121-2024

PO Box 22024

Project Name:

Fields A 19

Project Number: Project Manager: 03143-0424 Jeff Blagg

Reported:

18-Aug-14 09:46

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1433025 - Purge and Trap EPA 5030A										
Blank (1433025-BLK1)				Prepared:	14-Aug-14	Analyzed:	15-Aug-14			
Benzene	ND	0.05	mg/kg					,		
Toluene	ND	0.05	tt							
Ethylbenzene	ND	0.05	11							
p,m-Xylene	ND	0.10	"							
o-Xylene	ND	0.05	II.						٠	
Total Xylenes	ND	0.05	п							
Total BTEX	ND	0.05	11							
Surrogate: 1,3-Dichlorobenzene	50.2		ug/L	50.0		100	50-150		****	
Surrogate: Bromochlorobenzene	50.0		"	50.0		100	50-150			
Duplicate (1433025-DUP1)	Sou	rce: P408041-	01	Prepared:	14-Aug-14	Analyzed:	15-Aug-14			
Benzene	ND	0.05	mg/kg		ND	_			30	
Toluene	ND	0.05	**		ND				30	
Ethylbenzene	ND	0.05	**		ND				30	
p,m-Xylene	ND	0.10	t#		ND				30	
o-Xylene	ND	0.05	ш		ND				30	
Surrogate: 1,3-Dichlorobenzene	50.9		ug/L	50.0		102	50-150			
Surrogate: Bromochlorobenzene	51.1		"	50.0		102	50-150			
Matrix Spike (1433025-MS1)	Sou	rce: P408041-	01	Prepared:	14-Aug-14	Analyzed:	15-Aug-14			
Benzene	49.9		ug/L	50.0	ND	99.8	39-150			
Toluene	50.6		н	50.0	ND	101	46-148			
Ethylbenzene	48.7		D	50.0	ND	97.5	32-160			
p,m-Xylene	97.9		н	100	ND	97.9	46-148			
o-Xylene	48.9		0	50.0	ND	97.9	46-148			
Surrogate: 1,3-Dichlorobenzene	50.5		"	50.0		101	50-150			
Surrogate: Bromochlorobenzene	50.1		n	50.0		100	50-150			



Tulsa OK, 74121-2024

Project Name:

Fields A 19

PO Box 22024

Project Number:

03143-0424

Project Manager:

Jeff Blagg

Reported: 18-Aug-14 09:46

Total Petroleum Hydrocarbons by 418.1 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD	Mater
Zindiye	ixeauit	LIIIII	UIIIS	Level	Kesuit	70KEC	Limits	KPD	Limit	Notes
Batch 1433030 - 418 Freon Extraction							_			
Blank (1433030-BLK1)				Prepared &	Analyzed:	15-Aug-14				
Total Petroleum Hydrocarbons	ND	35.0	mg/kg							
Duplicate (1433030-DUP1)	Source: P408057-01			Prepared &	Analyzed:	15-Aug-14				
Total Petroleum Hydrocarbons	39.9	34.9	mg/kg		43.9			9.53	30	
Matrix Spike (1433030-MS1)	Source: P408057-01			Prepared &	Analyzed:	15-Aug-14				
Total Petroleum Hydrocarbons	2060	34.9	mg/kg	2020	43.9	99.8	80-120			



Project Name:

Fields A 19

PO Box 22024

Project Number:

03143-0424

Reported:

Tulsa OK, 74121-2024

Project Manager:

Jeff Blagg

18-Aug-14 09:46

Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1433029 - Anion Extraction EPA 300.0										
Blank (1433029-BLK1)				Prepared &	k Analyzed:	15-Aug-14	ŀ į			
Chloride	ND	9.90	mg/kg							
LCS (1433029-BS1)				Prepared &	z Analyzed:	15-Aug-14	ļ			
Chloride	495	9.99	mg/kg	500		99.1	90-110			
Matrix Spike (1433029-MS1)	Sou	rce: P408057-	01	Prepared &	ż Analyzed:	15-Aug-14	·			
Chloride	505	9.94	mg/kg	497	ND	102	80-120			
Matrix Spike Dup (1433029-MSD1)	Source: P408057-01			Prepared & Analyzed: 15-Aug-14			:			
Chloride	506	9.96	mg/kg	498	ND	102	80-120	0.301	20	



Tulsa OK, 74121-2024

Project Name:

Fields A 19

PO Box 22024

Project Number:

03143-0424

Project Manager:

Jeff Blagg

Reported:

18-Aug-14 09:46

Notes and Definitions

DET

Analyte DETECTED

ND

Analyte NOT DETECTED at or above the reporting limit

NR

Not Reported

dry

Sample results reported on a dry weight basis

RPD

Relative Percent Difference

CHAIN OF CUSTODY RECORD

17329

							/															
Client: BP Amarica		Pro	Project Name / Location:						ANALYSIS / PARAMETERS													
Blagg Engineen FIELDS A 19 Email results to: Jeffc Bass @ AUL cus Sampler Name: Face, effrey @ Br.com Client Rhone No.: Client No.:																						
Email results to: Jeffc Gage @AUL-lus Sampler Name:										21)	6											
Peace : efference B	Sampler Name: 2 con Client No.: 03143-0424								TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	S				-						1
Client Phone No.:		Clic	Client No.:						g	일	g	etal	ioi		H/P	-011	_				Q	act
_505-320-11	93	03143-6424							et	Met	/letr	∑ .	Ä,		vith	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
Sample No./ Identification Sample Sample Lab No.		No./Volume Preservative				2	×	5	A.A	Б Б		ا کے	윹	Tab	1 (4	Ö			l gu	힐		
			ntainers	HNO ₃	нсі		一点	BTE	Š	RCRA 8 Metals	Cation / Anion	S .	TCLP with H/P	8	TPI	동			Sar	Sar		
95 BGT	8/15/		- 11 0	1 6 4					مآب													
5-pt@6"	12014	1245	P408057-01	12	4 UE				Volet	X							X	X				
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Sâmple Matrix	,								_				_							<u> </u>	_	
Soil Solid Sludge	Aqueous [Other [
☐ Sample(s) dropped off after					1			·····														
C Campie(3) dropped on arter	110013 10 30	oure grop o	u.ou.	り e	nv	i r a	7 + 6		~	P)		_	,									
					Anal	e e e lytice	al La	bor.	⇔ II citor	B ∀		8	<u>, 1</u>									
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5795 US Highway 6	4 • Farmingt	on, NM 8740	01 • 505-632-0615 • 1	hree Spri	ngs.• 65 N	Nerca	do Stre	eet, S	uite 1	15. D	urang	90, C	0 81	301 •	lábo	rator	y@en	virote	ch-ind	č.com		

bp



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

July 29, 2014

Bureau of Land Management Mark Kelly 6251 College Blvd Suite A Farmington, NM 87402

VIA CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Re: Notification of plans to close/remove a below grade tank

Well Name: FIELDS A 019

API#: 3004527893

Dear Mr. Kelly,

As part of the NM "Pit Rule": 19.15.17.13 Closure Requirements, Paragraph J. BP America Production Company (BP) is required to notify the surface owner of BP's plans to close/remove a below grade tank. BP wishes to inform you of our plans to close/remove the below grade tank on its well pad located on your surface. BP plans to commence this work on or about September 5, 2014. If there aren't any unforeseen problems, the work should be completed within 10 working days.

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

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

Sincerely,

Jerry Van Riper

9DUa RA

Surface Land Negotiator

BP America Production Company

BP America Production Company

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

SENT VIA E-MAIL TO: CORY.SMITH@STATE.NM.US

July 29, 2014

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

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

FIELDS A 019 API 30-045-27893 (G) Section 28 – T32N – R11W San Juan County, New Mexico

Dear Mr. Cory Smith:

In regards to the captioned subject and requirements of the NMOCD pit rule, this letter is notification that BP is planning to close a 95 bbl BGT that will no longer be operational at this well site.

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

Sincerely,

Jeff Peace

BP Field Environmental Advisor

(505) 326-9479



