District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office.

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

	11000	Sed / Hitelinative ivietii	od i cinit di Ciosure i	tan rippireation
211	Type of action:	 ✓ Closure of a pit, closed-l ✓ Modification to an existi ✓ Closure plan only submi 	tted for an existing permitted or	
	below-grade tan	k, or proposed alternative met	thod	
Instruction	ns: Please submit	t one application (Form C-144);	per individual pit, closed-loop syste	m, below-grade tank or alternative request
nvironment. Nor do				pollution of surface water, ground water or the vernmental authority's rules, regulations or ordinance
operator: BP AN	MERICA PROD	UCTION COMPANY	OGRID #: 77	8
		main stan NIM 07401		
Facility or well nar				
				County: San Juan County
				NAD: □1927 × 1983
		☐ Private ☐ Tribal Trust or Inc		
	Trederar E. State		and thomes	
2. Pit: Subsection	on For G of 10 1	5 17 11 NIMAC		
				A II
	rilling Workov			OIL CONS. DIV DIST. 3
		avitation P&A	LDDE CLIEDE CLIEG CO.	050 0000
		Inicknessmii L I	LLDPE HDPE PVC Ott	SEP 0.6 2016
String-Reinford				
Liner Seams:	Welded Factor	y L Other	Volume:bbl	Dimensions: Lx Wx D
3.				
		on H of 19.15.17.11 NMAC		
Type of Operation: intent)	: L P&A L Dri	illing a new well Workover o	r Drilling (Applies to activities which	ch require prior approval of a permit or notice of
	Above Ground	Steel Tanks Haul-off Bins [Other	
			LLDPE HDPE PVC	Other
		ry Other		
		,		
i. Relow-grade to	ank Subsection	I of 19.15.17.11 NMAC Tan	k ID: B	
	Sec. 2011	bl Type of fluid:	THE RESERVE OF THE PARTY OF THE	
	material:		, roddodd ffatol	
			Lines 6 inch lift I I I I	arflow shut off
The second second			s, liner, 6-inch lift and automatic over	
				TOMED SIDEWALLS NOT VISIBLE
Liner type: Thickn	iess	mil	/C Other	

Form C-144

Alternative Method:

Oil Conservation Division

Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

Page 1 of 5

Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks) Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, institution or church) Four foot height, four strands of barbed wire evenly spaced between one and four feet Alternate. Please specify 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)	hospital,
8.	
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	ffice for able source riate district proval. ng pads or Yes No NA NO Yes No NA NO Yes No NA NO Yes No
Administrative Approvals 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: Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau consideration of approval. Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	office for
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. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of a Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to dry above-grade tanks associated with a closed-loop system.	opriate district approval.
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No
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 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, 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 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 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain FEMA map	☐ Yes ☐ No

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment 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. Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 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 19.15.17.9 NMAC Previously Approved Design (attach copy of design) API Number: or Permit Number:
Closed-loop Systems Permit Application Attachment 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. Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations (only for on-site closure) - 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 19.15.17.9 NMAC
Previously Approved Design (attach copy of design) API Number:
Previously Approved Operating and Maintenance Plan API Number: (Applies only to closed-loop system that use
bove ground steel tanks or haul-off bins and propose to implement waste removal for closure)
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 documents are statched. 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
Perposed Closure: 19.15.17.13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.
Naste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the losure 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 F 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 I of 19.15.17.13 NMAC

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground S Instructions: Please indentify the facility or facilities for the disposal of liquids, diffacilities are required.		
Disposal Facility Name:	Disposal Facility Permit Number:	
Disposal Facility Name:	Disposal Facility Permit Number:	
Will any of the proposed closed-loop system operations and associated activities occ ☐ Yes (If yes, please provide the information below) ☐ No	ur on or in areas that will not be used for future ser	vice and operations?
Required for impacted areas which will not be used for future service and operation Soil Backfill and Cover Design Specifications based upon the appropriate Re-vegetation Plan - based upon the appropriate requirements of Subsection I Site Reclamation Plan - based upon the appropriate requirements of Subsection	equirements of Subsection H of 19.15.17.13 NMA of 19.15.17.13 NMAC	С
17. Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the comprovided below. Requests regarding changes to certain siting criteria may require considered an exception which must be submitted to the Santa Fe Environmental demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for	administrative approval from the appropriate dist Bureau office for consideration of approval. Justi	rict office or may be
Ground water is less than 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 between 50 and 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
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 300 feet of a continuously flowing watercourse, or 200 feet of any other sign lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	ficant watercourse or lakebed, sinkhole, or playa	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church i Visual inspection (certification) of the proposed site; Aerial photo; Satellite		☐ Yes ☐ No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less watering purposes, or within 1000 horizontal feet of any other fresh water well or spring - NM Office of the State Engineer - iWATERS database; Visual inspection (content of the State Engineer - iWATERS database; Visual inspection (content of the State Engineer - iWATERS database; Visual inspection (content of the State Engineer - iWATERS database; Visual inspection (content of the State Engineer - iWATERS database; Visual inspection (content of the State Engineer - iWATERS database; Visual inspection (content of the State Engineer - iWATERS database; Visual inspection (content of the State Engineer - iWATERS database; Visual inspection (content of the State Engineer - iWATERS database; Visual inspection (content of the State Engineer - iWATERS database; Visual inspection (content of the State Engineer - iWATERS database; Visual inspection (content of the State Engineer - iWATERS database; Visual inspection (content of the State Engineer - iWATERS database; Visual inspection (content of the State Engineer - iWATERS database; Visual inspection (content of the State Engineer - iWATERS database; Visual inspection (content of the State Engineer - iWATERS database)	ing, in existence at the time of initial application.	Yes No
Within incorporated municipal boundaries or within a defined municipal fresh water adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval		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
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining a	nd Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology Society; Topographic map	& Mineral Resources; USGS; NM Geological	☐ Yes ☐ No
Within a 100-year floodplain FEMA map		☐ Yes ☐ No
18. On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of S Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of S Construction/Design Plan of Temporary Pit (for in-place burial of a drying pactor Protocols and Procedures - based upon the appropriate requirements of 19.15. Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of S Disposal Facility Name and Permit Number (for liquids, drilling fluids and dried Soil Cover Design - based upon the appropriate requirements of Subsection H Re-vegetation Plan - based upon the appropriate requirements of Subsection I Site Reclamation Plan - based upon the appropriate requirements of Subsection I	rements of 19.15.17.10 NMAC subsection F of 19.15.17.13 NMAC ropriate requirements of 19.15.17.11 NMAC subsection for the appropriate requirements of 19.17.13 NMAC rements of Subsection F of 19.15.17.13 NMAC of 19.15.17.13 NMAC	15.17.11 NMAC

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 belief.
Name (Print): Title:
Signature: Date:
e-mail address: Telephone:
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Approval Date: 919130126 Title: OCD Permit Number:
Closure Report (required within 60 days of closure completion): Subsection K of 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. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date: 08\31\2016
22. Closure Method: Waste Excavation and Removal □ On-Site Closure Method □ Alternative Closure Method □ Waste Removal (Closed-loop systems only) If different from approved plan, please explain.
Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized. Disposal Facility Name: Disposal Facility Permit Number: Disposal Facility Name: Disposal Facility Permit Number: Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations? Yes (If yes, please demonstrate compliance to the items below) No
Required for impacted areas which will not be used for future service and operations: Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique
Closure Report Attachment Checklist: _Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark 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) ☐ 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 ☐ Site Reclamation (Photo Documentation) ☐ On-site Closure Location: Latitude _ 36.75829 _ Longitude107.74329 _ NAD: ☐ 1927 ☑ 1983
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
Signature: Date: 08\31\2016
e-mail address: steven.moskal@bp.com Telephone: 505-326-9497

BP AMERICA PRODUCTION COMPANY

SAN JUAN BASIN, NORTHWEST NEW MEXICO

BELOW-GRADE TANK CLOSURE PLAN

Lopez Gas Com # 1E - Tank ID: B API #: 3004526195 Unit Letter A, Section 2, 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.
 - 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 was provided and documented in the attached email.

- 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/or sludge within 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 for recycling.

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 (mg/Kg)	Sample Results
Benzene	US EPA Method SW-846 8021B or 8260B	0.2	< 0.021
Total BTEX	US EPA Method SW-846 8021B or 8260B	50	< 0.083
TPH	US EPA Method SW-846 418.1	100	<49
Chlorides	US EPA Method 300.0 or 4500B	250 or background	<30

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 beneath the BGT was sampled for TPH, BTEX, and chloride. All test parameters were below the stated limits. A field and laboratory reports are attached.

- 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 reveal no evidence of a release has 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, nonwaste 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.

Sampling results reveal no evidence of a release has occurred. Area was backfilled with clean, earthen material and is within the active well pad.

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 area has been backfilled and will be reclaimed once the well has been plugged & abandoned.

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 area has been backfilled and will be reclaimed once the well has been plugged & abandoned.

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 area has been backfilled and will be reclaimed once the well has been plugged & abandoned.

- 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.
 The BGT area has been backfilled and will be reclaimed once the well has been plugged & abandoned.
- 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 re-vegetation.
 BP will notify NMOCD when re-vegetation is successfully completed.
- 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 & contains a photo of the reclamation completion.

16. BP shall certify that all information in the report and attachments is accurate, truthful, and compliant with all applicable closure requirements and conditions specified in the approved closure plan.

Certification section of C-144 has been completed.

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

* 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.

			Rel	ease Notific	catio	on and Co	orrective A	ction						
						OPERA'	TOR		Initi	al Report	\boxtimes	Final Report		
Name of C	ompany B	P America	Producti	on Company		Contact Sto	eve Moskal							
				NM 87401										
Facility Na	me LOPE	Z GAS CO	M 001E			Facility Typ	e Natural Gas	Well						
Surface Ov	vner State			Mineral C)wner	State			API No	. 30045261	195			
				LOCA	ATIC	ON OF RE	LEASE							
Unit Letter	Section	Township	Range	Feet from the	_	AND DESCRIPTION OF THE PERSON	Feet from the	East/W	est Line	County				
A	2	29N	9W	1,050		NORTH	1,020	E	AST	S	AN JU	AN		
				Latitude 36	.7582	9_Longitud	le107.74329)						
				NAT	URI	E OF REL	EASE							
					G									
		APPLICAB	LE (N/A)	Interest Contact Steve Moskal Telephone No. (505) 326-9497				covery	/ N/A					
Was Immedi	ate Notice (Yes [No Not Re	equired		Whom?							
By Whom?							1.0.111							
Was a Water	course Read		Yes 🗵	No		If YES, Vo	lume Impacting	the Water	rcourse.					
THEREFORI LABORATO	E NO REME RY ANALY	EDIAL ACTIO TICAL REPO	N NECES RTS ARE	SARY, SAMPLIN ATTACHED.	G BEN	VEATH BGT W	AS CONDUCTED	IMMED	IATELY A	AFTER REMO	OVAL.	FIELD &		
THE BGT LO		and Cleanup A	Action Tal	ken.* <u>NO CLEAN</u>	UP AC	CTION NECESS	SARY. FINAL LA	BORATO	ORY RESU	LTS SUPPO	RT CL	OSURE OF		
regulations a public health should their or or the enviro	Il operators or the environment. In a	are required to ronment. The ave failed to a	acceptant acceptant adequately CD accep	nd/or file certain rece of a C-141 report investigate and re	elease ort by t emedia	notifications as the NMOCD mate contaminati	nd perform correct arked as "Final R on that pose a three the operator of	etive action eport" do eat to gro responsib	ons for rele bes not reli bund water bility for co	eases which reve the operary, surface wat	nay end ator of er, hun ith any	danger liability nan health		
	4	2000					OIL CON	SERV	ATION	DIVISIO	N			
Signature: Printed Name	e: Steve M	oskal				Approved by	Environmental S	pecialist:				de de la		
		ield Coordin	ator			Approval Dat	e:	Е	A Date and Hour of Discovery N/A atercourse. INTENANCE PROBLEMS WITH THE BGT, IEDIATELY AFTER REMOVAL. FIELD & ATORY RESULTS SUPPORT CLOSURE OF tand that pursuant to NMOCD rules and ctions for releases which may endanger 'does not relieve the operator of liability ground water, surface water, human health nsibility for compliance with any other VATION DIVISION ist:					
E-mail Addre	ess: steven.	moskal@bp.	com			Conditions of Approval:			1 1 1 1 1 1 1 1					
Date: Augus	t 31, 2016		Phone:	(505) 326.9497										

bp



BP America Production Company 200 Energy Court Farmington, NM 87401

July 1, 2016

State Land Office Brandon Foley PO Box 3170 Farmington, NM 87402

VIA EMAIL

Re: Notification of plans to close/remove a below grade tank Well Name: LOPEZ GAS COM 001E API #: 3004526195

Dear Mr Foley,

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 July 5, 2016. 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.

If witnessing of the tank removal is required please contact me for a specific time (505)-326-9497.

Sincerely,

Steven Moskal

BP America Production Company

Moskal, Steven

From:

Moskal, Steven

Sent:

Tuesday, July 05, 2016 7:11 AM

To:

'Smith, Cory, EMNRD'; Foley, Brandon M. (bfoley@slo.state.nm.us)

Cc:

'jeffcblagg@aol.com'; 'blagg_njv@yahoo.com'; 'Fields, Vanessa, EMNRD'; Gonzales, Jody J

Subject:

RE: BP Pit Close Notification - LOPEZ GAS COM 001E

All -

The BGT is scheduled to be removed tomorrow, 7/6/16, at 9:00 AM.

Thank you,

Steve Moskal

BP Lower 48 – San Juan – Farmington Field Environmental Coordinator

Office: (505) 326-9497 Cell: (505) 330-9179



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From: Moskal, Steven

Sent: Thursday, June 30, 2016 7:30 AM

To: 'Smith, Cory, EMNRD'

Cc: jeffcblagg@aol.com; blagg_njv@yahoo.com; Fields, Vanessa, EMNRD

Subject: RE: BP Pit Close Notification - LOPEZ GAS COM 001E

Cory - Yes, that was the to meet the 72-hour notification required by the pit rule. The pit will likely be removed on Tuesday July 5th. I will know more later today or tomorrow.

Steve Moskal

BP Lower 48 – San Juan – Farmington Field Environmental Coordinator Office: (505) 326-9497

Office: (505) 326-949 Cell: (505) 330-9179



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From: Smith, Cory, EMNRD [mailto:Cory.Smith@state.nm.us]

Sent: Thursday, June 30, 2016 7:27 AM

To: Moskal, Steven

Cc: jeffcblagg@aol.com; blagg_njv@yahoo.com; Fields, Vanessa, EMNRD

Subject: RE: BP Pit Close Notification - LOPEZ GAS COM 001E

Steve,

July 2' start date? That is this Saturday is this correct?

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

From: Railsback, Farrah (CH2M HILL) [mailto:Farrah.Railsback@bp.com]

Sent: Wednesday, June 29, 2016 1:02 PM

To: Smith, Cory, EMNRD; Fields, Vanessa, EMNRD

Cc: jeffcblagg@aol.com; blagg njv@yahoo.com; Moskal, Steven

Subject: BP Pit Close Notification - LOPEZ GAS COM 001E

BP America Production Company

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

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

June 29, 2016

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

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

LOPEZ GAS COM 001E API 30-045-26195 (A) Section 2 – T29N – R09W San Juan County, New Mexico Dear Mr. Cory Smith and Mrs. Vanessa Fields,

In regards to the captioned subject and requirements of the NMOCD pit rule, this letter is notification that BP is planning to close a 21 bbl BGT that will no longer be operational at this well site. We anticipate this work to start on or around July 2, 2016.

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

Sincerely,

Steven Moskal BP Field Environmental Coordinator

(505) 326-9497

Farrah Railsback
BGT Project Support
970-946-9199 -cell

This email and any attachments are intended only for the addressee(s) listed above and may contain confidential, proprietary, and/or privileged information. If you are not an intended recipient, please immediately advise the sender by return email, delete this email and any attachments, and destroy any copies of same. Any unauthorized review, use, copying disclosure or distribution of this email and any attachments is prohibited.

CLIENT: BP		NGINEERING, INC. LOOMFIELD, NM 874	13	API#: 3004526	195
	THE RESERVE AND DESCRIPTION OF THE PARTY OF	05) 632-1199		TANK ID (if applicable):	
FIELD REPORT:	(circle one): BGT CONFIRMATION	/ RELEASE INVESTIGATION / OTHER:		PAGE#:1_ o	f _1_
SITE INFORMATION	I: SITE NAME: LOPEZ	GC #1E		DATE STARTED: 07/0	06/16
QUAD/UNIT: A SEC: 2 TWP:	29N RNG: 9W PM:	NM CNTY: SJ ST:	NM	DATE FINISHED:	
1/4-1/4/FOOTAGE: 1,050'N / 1,0		TYPE: FEDERAL STATE FEE / II STRIKE ONTRACTOR: BP - J. GONZALI		ENVIRONMENTAL SPECIALIST(S): N	JV
REFERENCE POINT					
		36.75785 X 10 3.75829 X 107.74329			
2)				RING FROM W.H.:	
3)	GPS COORD.:			RING FROM WH.:	
4)	GPS COORD.:			RING FROM W.H.:	
SAMPLING DATA:	CHAIN OF CUSTODY RECORD(S) # 0	DR LAB USED: HALL			OVM READING
1) SAMPLE ID: 5PC - TB @ 5			801	5B/8021B/300.0 (CI)	(ppm) NA
2) SAMPLE ID:					
3) SAMPLE ID:					
4) SAMPLE ID:	SAMPLE DATE:	SAMPLETIME: LAB ANALYS	IS:		
SOIL DESCRIPTION	SOIL TYPE: SAND SILTY SAND	SILT / SILTY CLAY / CLAY / GRAVEL / OTHER	R		
SOIL COLOR: MODERATE TO DA COHESION (ALL OTHERS): NON COHESIVE SLIGHTL' CONSISTENCY (NON COHESIVE SOILS): LC MOISTURE: DRY / SLIGHTLY MOIST / W SAMPLE TYPE: GRAB (COMPOSITE) # DISCOLORATION/STAINING OBSERVED: YES M	Y COHESIVE / COHESIVE / HIGHLY COHESIVE DOSE FIRM DENSE / VERY DENSE ET / SATURATED / SUPER SATURATED # OF PTS. 5	PLASTICTY (CLAYS): NON PLASTIC / SLIGHTL DENSITY (COHESIVE CLAYS & SILTS): S HC ODOR DETECTED: YES NO EXPLANA ANY AREAS DISPLAYING WETNESS: YES	OFT/FIRM/	STIFF / VERY STIFF / HARD	LY PLASTIC
SITE OBSERVATION APPARENT EVIDENCE OF A RELEASE OBSERVE EQUIPMENT SET OVER RECLAIMED AREA: OTHER: SOILS SAMPLED APPEARED TO SILTY SAND, DARK YELLOWISH ORA SOIL IMPACT DIMENSION ESTIMATION:	LOST INTEGRITY OF EQUIPMENT D AND/OR OCCURRED: YES NO EXPL YES NO EXPLANATION- O HAVE BEEN IMPORTED FILL M NGE IN APPEARANCE.	ANATION:		NATIVE SOILS ARE SAND	TO NA
DEPTH TO GROUNDWATER: >100' N	IEAREST WATER SOURCE: >1,000	NEAREST SURFACE WATER: <1,00	O' NMOC	D TPH CLOSURE STD: 1,0	00 ppm
SITE SKETCH	BGT Located: off on sit	e PLOT PLAN circle: atta	ched	CALIB. READ. = NA ppr	m RF =0.52
	FENCE FENCE	PBGTL T.B. ~ 5' B.G.	N TIME	MISCELL. NOT	n NA
TO W.H. NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCAVATIO T.B. = TANK BOTTOM; PBGTL = PREVIOUS BEL		STEEL CONTAINMENT RING X - S.I ELOW, T.H. = TEST HOLE; ~= APPROX.; W.H. = WELL POINT DESIGNATION; R.W. = RETAINING WALL; NA - I	P.D. RI VI P. OI Tan ID B	ppm = parts per million	2/16 ler N N
	E WALL; DW - DOUBLE WALL; SB - SINGLE BOT		IVI	agricuo decimation. 10	

Analytical Report

Lab Order 1607257

Date Reported: 7/11/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: 5PC-TB @ 5' (21)

Project: Lopez GC 1E

Collection Date: 7/6/2016 10:15:00 AM

Lab ID: 1607257-001

Matrix: MEOH (SOIL) Received Date: 7/7/2016 6:00:00 AM

Analyses	Result	PQL Qua	l Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	LGT
Chloride	ND	30	mg/Kg	20	7/7/2016 10:22:18 AM	26281
EPA METHOD 8015M/D: DIESEL RAN	IGE ORGANICS				Analyst:	TOM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	7/7/2016 10:12:43 AM	26272
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/7/2016 10:12:43 AM	26272
Surr: DNOP	93.6	70-130	%Rec	1	7/7/2016 10:12:43 AM	26272
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.1	mg/Kg	1	7/7/2016 10:16:26 AM	26258
Surr: BFB	99.3	80-120	%Rec	1	7/7/2016 10:16:26 AM	26258
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.021	mg/Kg	1	7/7/2016 10:16:26 AM	26258
Toluene	ND	0.041	mg/Kg	1	7/7/2016 10:16:26 AM	26258
Ethylbenzene	ND	0.041	mg/Kg	1	7/7/2016 10:16:26 AM	26258
Xylenes, Total	ND	0.083	mg/Kg	1	7/7/2016 10:16:26 AM	26258
Surr: 4-Bromofluorobenzene	94.9	80-120	%Rec	1	7/7/2016 10:16:26 AM	26258

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 5
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

			tody Record	Turr-Around		SAME				H	AL	LE	N	/IF	20	NI	4EN	TA	L	
lent;	BLAG	G ENGR.	/ BP AMERICA	Standard Project Name	Rush	DAY							SI				RAT	O	RY	
lailing A	ddress:	P.O. BOX	X 87	2	LOPEZ GC #	1E		49	01 H	awkir	s NE	- A	lbuq	uerq	ue, f	NM 8	7109			
		BLOOM	FIELD, NM 87413	Project #:				Te	1.50	15-345	-397	5	Fax	505	345	-410	7			
none #:		(505) 63	2-1199					1	15	1		Ana	lysis	Re	ques	st		F.		
nall or F	ax#:			Project Mana	ger:								7				=		7	
A/QC Pa			Level 4 (Full Validation)		NELSON V	ELEZ	WB/s (80218)	(Aluo s	/ MRO)		No.	le	PO4,SO	/ 8082 PCB's			water - 300.1)		9	
ccredita	tion:			Sampler	NELSON V	ELEZ ny	35	(6a	DRO	7	504.1)		102	808			*		dun	_
NELAF		☐ Other		On loe:	Yes	□ No	1	TP	10	418	504	200	00	158		(AC	300.0		e s	N
EDD (EDD (Type)		Sample Temp	erature:	10	1	BE +	(GR	hod	hod	000	etal	CI,N	icid	(A)	×	10	ple	soc	7
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEALNO.	BTEX +-MF	BTEX + MTBE + TPH (Gas only)	TPH 80158 (GRO / DRO	TPH (Method 418 1)	EDB (Method 504.1)	RCRA 8 Metals	Anions (F,CI,NO3,NO2,PO4,SO4)	8081 Pesticides	8260B (VOA)	8270 (Semi-VOA)	Chloride (soil - 300,0/	Grab sample	5 pt. composite sample	Air Bubbles (Y or N)
1/06/16	1015	SOIL	5PC-TB @ .5 1987 C	4021	Cool	-001	٧		٧			1					V		V	
																			1	
								-			+	+	-				+	+		
											+	+	-					+	\vdash	_
-											1	1	1					T		
												I								
		-			1					-	+	+	-	-	-	- 1		+		_
			7								+	+	-	+	-			+		
											3	1								
-17/14						The Late					31	1				-				1
166/16	Time: 1540	Relinquishe	In V	Received by	m la hela	Date Time	Ren	narks	KS: BILL DIRECTLY TO BP USING THE CIRCLED CONTACT WITH CORRESPONDING VID & REFERENCE # WHEN APPLICABLE: Vance Hixon Steve Moskal John Ritchie											
pte:	Time: 1940	Relinquishe	anta la Janda	Received by:	> 07/8	Date Time	Ref	eren	VID:	VHI	XON	VBZ			IKIW			NKIW		

Hall Environmental Analysis Laboratory, Inc.

WO#:

1607257

11-Jul-16

Client:

Blagg Engineering

Project:

Lopez GC 1E

Sample ID MB-26281

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID:

PBS

Batch ID: 26281

RunNo: 35519

Prep Date: 7/7/2016

Analysis Date: 7/7/2016

SeqNo: 1099737

Units: mg/Kg

RPDLimit

Qual

Analyte Chloride

Result PQL

1.5

SPK value SPK Ref Val %REC LowLimit

HighLimit

%RPD

ND

SampType: LCS

TestCode: EPA Method 300.0: Anions RunNo: 35519

Prep Date: 7/7/2016

Sample ID LCS-26281

Client ID: LCSS

Batch ID: 26281

SeqNo: 1099738

Units: mg/Kg

Analyte

Analysis Date: 7/7/2016

SPK value SPK Ref Val %REC LowLimit

HighLimit

RPDLimit

Qual

PQL

Result 14

15.00

90

Chloride

1.5

110

0

92.9

%RPD

D

Qualifiers: Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix Holding times for preparation or analysis exceeded H ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

% Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

Value above quantitation range

Sample container temperature is out of limit as specified

Analyte detected below quantitation limits P Sample pH Not In Range

RL Reporting Detection Limit Page 2 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: 1607257

11-Jul-16

Client:

Blagg Engineering

Sample ID LCS-26272	SampTyp	e: LCS	3	Tes	tCode: E	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Batch II	D: 262	72	F	RunNo: 3	5475				
Prep Date: 7/7/2016	Analysis Dat	e: 7/7	/2016		SeqNo: 1	098160	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO) Surr: DNOP	41 4.2	10	50.00 5.000	0	81.7 83.4	62.6 70	124 130			
Sample ID MB-26272	SampTyp	e: MBI	LK	Tes	tCode: E	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	Batch II	D: 262	72	F	RunNo: 3	5475				
Prep Date: 7/7/2016	Analysis Dat	e: 7/7	/2016	5	SeqNo: 1	098161	Units: mg/h	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.0		10.00		90.5	70	130			
Sample ID 1607257-001AI	IS SampTyp	e: MS		Tes	tCode: E	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: 5PC-TB @ 5' (2	(1) Batch II	D: 262 7	72	F	RunNo: 3	5475				
Prep Date: 7/7/2016	Analysis Date	e: 7/7/	/2016	5	SeqNo: 1	098414	Units: mg/F	(g		
Analyte	Result	PQL :	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	9.9	49.70	3.487	79.8	33.9	141			
Surr: DNOP	4.4		4.970		89.4	70	130			
Sample ID 1607257-001AM	ISD SampTyp	e: MSE)	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: 5PC-TB @ 5' (2	(1) Batch II	D: 262 7	72	F	RunNo: 3	5475				
Prep Date: 7/7/2016	Analysis Date	e: 7/7/	2016	8	SeqNo: 1	098530	Units: mg/F	(g		
Analyte	Result	PQL :	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	9.4	47.17	3.487	82.8	33.9	141	1.44	20	
Surr: DNOP	4.3	5.4	4.717	0.401	90.2	70	130	8.4.14.14.		

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

Page 3 of 5

P Sample pH Not In Range

RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#: 1607257

11-Jul-16

Client:

Blagg Engineering

Project:

Lopez GC 1E

Sample ID MB-26258 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range RunNo: 35484 Client ID: PBS Batch ID: 26258 Prep Date: 7/6/2016 Analysis Date: 7/7/2016 SeqNo: 1098917 Units: mg/Kg %REC HighLimit %RPD **RPDLimit** Qual Analyte Result PQL SPK value SPK Ref Val 5.0 Gasoline Range Organics (GRO) ND Surr: BFB 1000 1000 100 80 120

Sample ID LCS-26258	Samp	ype: LC	s	Tes	tCode: E	PA Method	od 8015D: Gasoline Range					
Client ID: LCSS	Batc	h ID: 26	258	F	RunNo: 3	5484						
Prep Date: 7/6/2016	Analysis [Date: 7/	7/2016	S	SeqNo: 1	098918	Units: mg/k	(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Range Organics (GRO)	25	5.0	25.00	0	101	80	120					
Surr: BFB	1100		1000		108	80	120					

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

Page 4 of 5

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#: 1607257

11-Jul-16

Client:

Blagg Engineering

Project:

Lopez GC 1E

Sample ID MB-26258				TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS				RunNo: 35484 SeqNo: 1098935							
Prep Date: 7/6/2016	Analysis Date: 7/7/2016		Units: mg/K				g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	ND	0.025									
Toluene	ND	0.050									
Ethylbenzene	ND	0.050									
Xylenes, Total	ND	0.10									
Surr: 4-Bromofluorobenzene	0.96		1.000		96.3	80	120				

Sample ID LCS-26258	SampType: LCS Batch ID: 26258 Analysis Date: 7/7/2016			TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS				F							
Prep Date: 7/6/2016				SeqNo: 1098936			Units: mg/h	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.99	0.025	1.000	0	99.2	75.3	123				
Toluene	0.99	0.050	1.000	0	99.4	80	124				
Ethylbenzene	1.0	0.050	1.000	0	100	82.8	121				
Xylenes, Total	3.0	0.10	3.000	0	100	83.9	122				
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120				

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

Page 5 of 5

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website; www.hallenvironmental.com

Sample Log-In Check List

Client Name: BLAGG	Work Order Numbe	r: 1607	257	130,000	RcptN	lo: 1
Received by/date:	6-7/2-111	0				
OCH	0 110 1111	D		. A:		
Logged By: Ashley Gallegos	7/7/2016 6:00:00 AM			AZ		
Completed By: Ashley Gallego	7/7/2016 6:29:31 AM			A		
Reviewed By:	07/07/16					
Chain of Custody	011					
1. Custody seals intact on sample bottles?		Yes	L.	No	Not Present	×
2. Is Chain of Custody complete?		Yes	*	No	Not Present	1
3. How was the sample delivered?		Cour	rier			
Log In						
4. Was an attempt made to cool the sample	s?	Yes		No L	NA (1
5. Were all samples received at a temperatu	re of >0° C to 6.0°C	Yes	#	No [T]	NA !	J
6. Sample(s) in proper container(s)?		Yes	*	No []		
7. Sufficient sample volume for indicated tes	t(s)?	Yes	*	No 🗔		
8. Are samples (except VOA and ONG) prop	erly preserved?	Yes	*	No .]		
9. Was preservative added to bottles?		Yes	LI	No 🙀	NA I	
10.VOA vials have zero headspace?		Yes	П	No i. J	No VOA Vials	×
11. Were any sample containers received bro	ken?	Yes		No 🖃		
					# of preserved bottles checked	
12. Does paperwork match bottle labels?		Yes	*	No !	for pH:	0 10 1 1
(Note discrepancies on chain of custody)		141	No 🛄	Adjusted?	2 or >12 unless noted)	
13. Are matrices correctly identified on Chain	Yes	5%	No 1			
14. Is it clear what analyses were requested?15. Were all holding times able to be met?		Yes		No []	Checked by	ri .
(If no, notify customer for authorization.)		103		110	,	
Special Handling (if applicable)						
16. Was client notified of all discrepancies with	h this order?	Yes	[]	No []	NA 🐱	1
Person Notified:	Date	referênce as - 114, d	idaic robola	Controlled to the Mark 17 Sept. 1		
By Whom:	Via:	eMa	il I	Phone Fax	In Person	
Regarding:	en and recommended as the Edition of State of State	MALINE SALES	HILL LINE	is an administration of the particular	Salatininaliania.	
Client Instructions:	transmission of the parties of the p	N e Solae e Sila e l	echian, on the	mercoeinmocoechielmocoe moderno	addition or resolution and range of the in-	
17. Additional remarks:						
18. Cooler Information						
1 1	Seal Intact Seal No	Seal Da	te	Signed By		
	es	-				

BP AMERICA PRODUCTION COMPANY
LOPEZ GAS COM 001E
API 3004526195 LEASE STATE
1050 FNL 1020 FEL (A) SEC 2 T29N R9W
San Juan County ELEV 5709
LAT 36° 45' 28.368"
LONG 107°44' 37.248"

