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.

PERMIT # 13031	Pit, Below-Grade Tank, or	RECEIVED By OCD at 1:30 pm, Jul 10, 2015
45-29211 Proposed Alter	native Method Permit or Closure Plan Appli	
Type of action: Below Permit Closure Modifie	grade tank registration of a pit or proposed alternative method of a pit, below-grade tank, or proposed alternative method cation to an existing permit/or registration plan only submitted for an existing permitted or non-permitted	
Instructions: Please submit on	e application (Form C-144) per individual pit, below-grade tank or a	lternative request
Please be advised that approval of this request does not environment. Nor does approval relieve the operator o	relieve the operator of liability should operations result in pollution of su f its responsibility to comply with any other applicable governmental auth	face water, ground water or the ority's rules, regulations or ordinances.
1. Operator: Burlington Resources	OGRID #: <u>14538</u>	
Address: PO BOX 4289, Farmington, NM 874	<u>99</u>	
Facility or well name: Rhodes B 101		
API Number: <u>30-045-29211</u> OCD Permit Num	ber:	
U/L or Qtr/Qtr K (NESW) Section 20Townshi	p <u>28N</u> Range <u>11W</u> County: <u>SAN JUAN</u>	
Center of Proposed Design: Latitude <u>36.64581</u>	<u>•N</u> Longitude <u>-108.03042</u> <u>•W</u> NAD: □1927 🛛 1983	
Surface Owner: 🛛 Federal 🗋 State 🗋 Private 🗖	Tribal Trust or Indian Allotment	
2.		
<u>Pit</u>: Subsection F, G or J of 19.15.17.11 NM	IAC	
Temporary: 🔲 Drilling 🗌 Workover	Closed Prior to Closed Plan	
Permanent Emergency Cavitation	P&A 🗌 Multi-Well Fluid Management Low Chloride Dr	illing Fluid 🗌 yes 🔲 no
Lined Unlined Liner type: Thickness	mil 🖾 LLDPE 🗌 HDPE 🗌 PVC 🗌 Other	
String-Reinforced		
Liner Seams: Welded Factory Other	Volume:bbl Dimensions: L x	W x D
Volume: 120 bbl Type Tank Construction material: Metal Secondary containment with leak detection Image: Containment with leak detection Visible sidewalls and liner Visible sidewalls	.11 NMAC NOT APPROVED of fluid:	
4.		
Alternative Method:		ica for consideration of annroyal
Submittal of an exception request is required. Ex	ceptions must be submitted to the Santa Fe Environmental Bureau off	ice for consideration of approval.
5. Fencing: Subsection D of 19.15.17.11 NMAC (A	pplies to permanent pits, temporary pits, and below-grade tanks)	
	urbed wire at top (Required if located within 1000 feet of a permanent	residence, school, hospital,
☐ Four foot height, four strands of barbed wire e	venly spaced between one and four feet	
Alternate. Please specify		

6.

7.

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.

* Single Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The application must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Siting criteria does not apply to drying pads or above-grade tanks. General siting Ground water is less than 25 feet below the bottom of a low chloride temporary pit. DUSGS; Data obtained from nearby wells Yes No NA Office of the State Engineer - iWATERS database search: USGS; Data obtained from nearby wells Yes No NA Office of the State Engineer - iWATERS database search: USGS; Data obtained from nearby wells Yes No NA NA NA NA NA NA NA NA NA		
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank.	Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acception	ptable source
- NM Office of the State Engineer - iWATERS database search; □USGS; □Data obtained from nearby wells NA Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit. Yes NA NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells NA Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMS A 1978, Section 3-27-3, as mended. (Does not apply to below grade tanks) · • Writen 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) · Yes No No • Mithin a 100-year floadplain. (Does not apply to below grade tanks) · Yes No • FEMA map · Yes No No Below Grade Tanks · Yes No · Yes No Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). · Yes No • Topographic map; Visual inspection (certification) of the proposed site · Yes No Within 100 feet of a continuously flowing watercourse, orany other significant watercourse or within	General siting	
MAX MAX Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. (Does not apply to below grade tanks) - Written confirmation or verification from the municipality; Written approval obtained from the municipality Within the area overlying a subsurface mine. (Does not apply to below grade tanks) . - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division . Within a unstable area. (Does not apply to below grade tanks) . Yes		☐ Yes ☐ No ⊠ NA
adopted pursuant to NMSA 1978, Section 3-27-3, as amended. (Does not apply to below grade tanks) Image: Note that the image: Note the image: Note that t		☐ Yes ☐ No ⊠ NA
- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division □ I verification 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 □ Yes □ No Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Yes ⊠ No - 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;. - Wes ⊠ No - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site □ Yes ⊠ No 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.) - Yes □ No - Topographic map, Visual inspection (certification) of the proposed site □ Yes □ No 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 lo	adopted pursuant to NMSA 1978, Section 3-27-3, as amended. (Does not apply to below grade tanks)	🗌 Yes 🗌 No
- 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) □ Yes □ No - FEMA map □ Yes □ No Below Grade Tanks □ Yes □ No Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). □ Yes □ No - 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;. □ Yes □ No - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site □ Yes □ No 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.) □ Yes □ No - 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 application. □ Yes □ No • Visual inspection (certification) of the proposed site; Aerial photo; Satellite image □ Yes □ No		Yes 🗋 No
• FEMA map □ Yes □ No Below Grade Tanks □ Yes □ No Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). □ Yes □ No • 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;. □ Yes □ No • NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site □ Yes □ No 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.) □ Yes □ No • Topographic map; Visual inspection (certification) of the proposed site □ Yes □ No • Topographic map; Visual inspection (certification) of the proposed site □ Yes □ No • Topographic map; Visual inspection (certification) of the proposed site □ Yes □ No • Topographic map; Visual inspection (certification) of the proposed site □ Yes □ No • Visual inspection (certification) of the proposed site; Aerial photo; Satellite image □ Yes □ No	- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological	🗌 Yes 🗌 No
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). □ Yes ⊠ No - 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;. □ Yes ⊠ No - 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) □ Yes ⊠ No 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.) □ Yes □ No - 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 application. □ Yes □ No - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image □ Yes □ No	Within a 100-year floodplain. (Does not apply to below grade tanks)	🗌 Yes 🗌 No
from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - No - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site □ Yes ⊠ No 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.) - Yes □ No - 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 application. □ Yes □ No - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image □ Yes □ No	Below Grade Tanks	
 NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site 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 Within 300 feet from a occupied 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 	from the ordinary high-water mark).	🗋 Yes 🛛 No
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.) Yes INO - Topographic map; Visual inspection (certification) of the proposed site Yes INO Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application. Yes INO - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image Yes INO		🗌 Yes 🛛 No
 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 Within 300 feet from a occupied 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 	Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
 application. Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 	or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.)	🗆 Yes 🗋 No
	application.	Yes No
	- 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
10. Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NM Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the docu 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 19.15.17.10 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15 and 19.15.17.13 NMAC Previously Approved Design (attach copy of design) API Number:	uments are NMAC 5.17.9 NMAC
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 docu attached.	15.17.9 NMAC

12. <u>Permanent Pits Permit Application Checklist</u> : Subsection B of 19.15.17.9 NMAC <i>Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the application</i> .	documents are
 attached. Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Climatological Factors Assessment Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC 	
 Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC Quality Control/Quality Assurance Construction and Installation Plan Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Nuisance or Hazardous Odors, including H₂S, 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	
^{13.} <u>Proposed Closure</u> : 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
Proposed Closure Method: Waste Excavation and Removal Waste Removal (Closed-loop systems only)	
On-site Closure Method (Only for temporary pits and closed-loop systems)	
In-place Burial On-site Trench Burial Alternative Closure Method	
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be a closure plan. Please indicate, by a check mark in the box, that the documents are attached. Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC More and Permit Number (for liquids, drilling fluids and drill cuttings) Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	
15. <u>Siting Criteria (regarding on-site closure methods only)</u> : 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable sour provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. H 19.15.17.10 NMAC for guidance.	
 Ground water is less than 25 feet below the bottom of the buried waste. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells 	□ Yes □ No □ NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
 Ground water is more than 100 feet below the bottom of the buried waste. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells 	☐ Yes ☐ No ☐ NA
 Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). Topographic map; Visual inspection (certification) of the proposed site 	🔲 Yes 🗌 No
 Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 	🗌 Yes 🗌 No
 Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site 	🗋 Yes 🗌 No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	🔲 Yes 🗌 No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	🗌 Yes 🗌 No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	

 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	🗌 Yes 🗌 No
Within a 100-year floodplain. - FEMA map	🗌 Yes 🗌 No
16.	
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure play a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17. Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannel 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 Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	11 NMAC 15.17.11 NMAC
17. Operator Application Certification:	
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and beli	ief.
Name (Print): Title:	
Signature: Date:	
e-mail address: Telephone:	
18. OCD Approval OCD Conditions (see attachment)	
18. OCD Approva Permit Application (including closure plan) Closure Plan (on y) OCD Conditions (see attachment) OCD Representation (including closure plan) Closure Plan (on y) OCD Conditions (see attachment) Approval Date:	
18. OCD Approva (Permit Application (including closure plan) Closure Plan (on y) OCD Conditions (see attachment)	
18. OCD Approva Permit Application (including closure plan) Closure Plan (or y) OCD Conditions (see attachment) OCD Represent Approval Date:	the closure report.
18. OCD Approva OCD Represen Title:	the closure report.
18. OCD Approva Permit Application (including closure plan) Closure Plan (or y) OCD Conditions (see attachment) OCD Represent Approval Date:	the closure report.

Operator Closure Certification:

22.

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): Denise Journey Title: Staff Regulatory Technician

. owny Signature: mist

Date:3/20/2015

e-mail address: Denise.Journey@conocophillips.com Telephone: (505) 326-9556

Burlington Resources Oil Gas Company, LP San Juan Basin Below Grade Tank Closure Report (Without Reclamation)

Lease Name: Rhodes B 101 API No.: 30-045-29211

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure of the below-grade tank referenced above. All proper documentation regarding closure activities is being included with the C-144.

General Plan:

- BR shall close a below-grade tank within 60 days of cessation of operations per Subsection G.4 of 19.15.17.13 NMAC. This will include a) below-grade tanks that do 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, if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC; b) an earlier date that the division requires because of imminent danger to fresh water, public health or the environment. For any closure, BR will file the C144 Closure Report as required.
- 2. The below-grade tank referenced above was permitted and closed within 60 days of cessation of the below-grade tanks operation.
- 3. BR shall remove liquids and sludge from a below-grade tank prior to implementing a closure method and shall dispose of the liquids and sludge in a division-approved facility. The facilities to be used will be Basin Disposal (Permit #NM-01-005), JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B) and Envirotech Land Farm (Permit #NM-01-011). The liner after being cleaned well (Subsection D, Paragraph 1, Subparagraph (m) of 19.15.9.712 NMAC) will be disposed of at the San Juan County Regional Landfill located on CR 3100.

All recovered liquids were disposed of at Basin Disposal (Permit #NM-01-005) and any sludge or soil required to be removed to facilitate closure was hauled to Envirotech Land Farm (Permit #NM-01-011) and JFJ Landfarm % IEI (Permit #NM-01-0010B). The liner was cleaned per Subsection D, Paragraph 1, Subparagraph (m) of 19.15.9.712 NMAC was disposed of at the San Juan County Regional Landfill located on CR 3100.

4. BR Will receive prior approval to remove the below-grade tank and dispose of it in a division-approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office approves.

The below-grade tank was disposed of in a division-approved manner.

5. If there is any on-site equipment associated with a below-grade tank, then BR shall remove the equipment, unless the equipment is required for some other purpose.

All on-site equipment associated with the below-grade tank was removed.

6. BR will test the soils beneath the below-grade tank to determine whether a release has occurred. COPC shall collect, at a minimum, a five point, composite sample; collect individual grab samples from any area that is wet, discolored or showing other evidence of a release; and analyzed for the constituents listed in Table I of 19.15.17.13 NMAC. COPC shall notify the division of its results on form C-141.

7. A five point composite sample was taken of the below-grade tank using sampling tools and all samples tested per Subsection B of 19.15.17.1 3(B)(1)(b). (Sample results attached).

Components	Tests Method	Limit (mg/kg)
Benzene	EPA SW-846 8021B or 8260B	0.2
BTEX	EPA SW-846 8021B or 8260B	50
ТРН	EPA SW-846 418.1	100
Chlorides	EPA 300.1	250

8. If BR or the division determines that a release has occurred, then BR shall comply with 19.15.3.116 NMAC and 19.15.1.19 NMAC, as appropriate.

A release was not determined for the above referenced well.

9. If the sampling program demonstrates that a release has not occurred or that any release does not exceed the concentrations specified in Table I of 19.15.17.13 NMAC, then BR shall backfill the excavation with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover; recontour and re-vegetate the site.

The below-grade tank area passed all requirements of Paragraph (4) of Subsection E of 19.15.17.13 NMAC and was backfilled with compacted, non-waste containing, earthen material.

- 10. Notice of Closure will be given prior to closure to the Aztec Division office between 72 hours and one week via email or verbally. The notification of closure will include the following:
 - i. Operator's name
 - ii. Location by Unit Letter, Section, Township, and Range. Well name and API number.

Notification is missing due to employee turnovers. ConocoPhillips has reviewed our internal processes and has updated them to include the required 72 hour notification.

11. The surface owner shall be notified of BR's closing of the below-grade tank 72 hours, but not more than one week, prior to closure as per the approved closure plan via certified mail, return receipt requested.

The closure process notification to the landowner not found. COPC was not aware that the original notification sent at the time of Permitting was not the only closure notification required. ConocoPhillips has reviewed our internal processes and has updated them to include the required 72 hour notification.

12. Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be place in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.

The below-grade tank area will be re-contoured to match fit, shape, line, form and texture of the surrounding area. Re-shaping, including drainage control, to prevent ponding and erosion. Natural drainages were unimpeded and water bars and/or silt traps were placed in areas where needed to prevent erosion on a large scale. Final recontour has a uniform appearance with smooth surface, fitting the natural landscape.

13. BR Shall seed the disturbed areas the first favorable growing season following closure of a below-grade tank. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM stipulated seed mixes will used on federally regulated lands and division-approved seed mixtures (administratively approved if required) will be utilized on all State or private lands. A uniform vegetative cover has been established that reflects a life-form ratio of plus or minus fifty percent (50%) of pre- disturbance levels and a total percent plant cover of at least seventy percent (70%) of pre-disturbance levels, excluding noxious weeds. If alternate seed mix is required by the state, private owner or tribe, it will be implemented with administrative approval if needed. COPC will repeat seeding or planting will be continued until successful vegetative growth occurs.

Provision 13 will be accomplished through complying with BLM seeding requirements as allowed by the BLM/OCD MOU.

14. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material, with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, to establish vegetation at the site, or the background thickness of topsoil, whichever is greater.

The below-grade tank area was backfilled and more than four feet of cover was achieved and the cover included one foot of suitable material to establish vegetation at the site.

- 15. All closure activities will include proper documentation and be available for review upon request and will be submitted to OCD within 60 days of closure of the below-grade tank. Closure report will be filed on C-144 and incorporate the following:
 - Soil Backfilling and Cover Installation (See Report)
 - Re-vegetation application rates and seeding techniques (See Report)
 - Photo documentation of the site reclamation (Included as an attachment)
 - Confirmation Sampling Results (Included as an attachment)
 - Proof of closure notice (Included as an attachment)

Closure Documentation was not submitted within the 60 day requirement due to employee turnovers. ConocoPhillips has reviewed our internal processes and has updated them to ensure closure documentation is submitted with the 60 day time frame.



Animas Environmental Services, LLC

www.animasenvironmental.com

June 5, 2013

Lisa Hunter ConocoPhillips San Juan Business Unit Office 214-4 5525 Hwy 64 Farmington, New Mexico 87401

RE: Below Grade Tank Closure Report Rhodes B #101 San Juan County, New Mexico

Dear Ms. Hunter:

Animas Environmental Services, LLC (AES) is pleased to provide the final report associated with the below grade tank (BGT) closure at ConocoPhillips (CoP) Rhodes B #101, located in San Juan County, New Mexico. Tank removal had been completed by CoP contractors prior to AES' arrival at the location.

1.0 Site Information

1.1 Location

Site Name – Rhodes B #101 Legal Description – NE¼ SW¼, Section 20, T28N, R11W, San Juan County, New Mexico Well Latitude/Longitude – N36.64552 and W108.03026, respectively BGT Latitude/Longitude – N36.64581 and W108.03042, respectively Land Jurisdiction – Bureau of Land Management (BLM) Figure 1. Topographic Site Location Map Figure 2. Aerial Site Map, May 2013

1.2 NMOCD Ranking

Prior to site work, the New Mexico Oil Conservation Division (NMOCD) database was reviewed, and Cathodic Protection Report dated January 1996 for the Rhodes B #101 reported the depth to groundwater as 140 feet below ground surface (bgs). The New Mexico Office of the State Engineer (NMOSE) database was reviewed for nearby water wells, and no registered water wells were reported to be located within 1,000 feet of the location. Additionally, Google Earth and the New Mexico Tech Petroleum Recovery

624 E. Comanche Farmington, NM 87401 505-564-2281

> Durango, Colorado 970-403-3084

Lisa Hunter Rhodes B #101 BGT Closure Report June 5, 2013 Page 2 of 5

Research Center online mapping tool (<u>http://ford.nmt.edu/react/project.html</u>) were accessed to aid in the identification of downgradient surface water.

Once on site, AES personnel further assessed the ranking using topographical interpretation, Global Positioning System (GPS) elevation readings, and visual reconnaissance. AES personnel concluded that depth to groundwater at the site was greater than 100 feet bgs. An unnamed wash, which discharges to Horn Canyon, is located approximately 250 feet east of the location. Based on this information, the location was assessed a ranking score of 10.

1.3 BGT Closure Assessment

AES was initially contacted by Bruce Ashcroft, CoP representative, on May 2, 2013, and on May 6, 2013, Kelsey Christiansen and Jesse Christopherson of AES mobilized to the location. AES personnel collected six soil samples from below the BGT liner. Four samples were collected from the perimeter of the BGT footprint, one sample was collected from the center of the BGT footprint, and one sample was composited from the four perimeter samples and one center sample.

2.0 Soil Sampling

On May 6, 2013, AES personnel conducted field screening and collected five soil samples (S-1 through S-5) and one 5-point composite (SC-1) from below the BGT. Soil samples were collected from approximately 0.5 feet below the former BGT for field screening of volatile organic compounds (VOCs) and total petroleum hydrocarbon (TPH). Soil sample SC-1 was field screened for VOCs and chloride and was submitted for confirmation laboratory analysis. Soil sample locations are included on Figure 2.

2.1 Field Screening

2.1.1 Volatile Organic Compounds

A portion of each sample was utilized for field screening of VOC vapors with a photoionization detector (PID) organic vapor meter (OVM). Before beginning field screening, the PID-OVM was first calibrated with 100 parts per million (ppm) isobutylene gas.

2.1.2 Total Petroleum Hydrocarbons

Soil samples were also analyzed in the field for TPH per USEPA Method 418.1 using a Buck Scientific Model HC-404 Total Hydrocarbon Analyzer Infrared Spectrometer (Buck). A 3-point calibration was completed prior to conducting soil analyses. Field analytical protocol followed AES's *Standard Operating Procedure: Field Analysis Total Petroleum Hydrocarbons per EPA Method* 418.1.

Lisa Hunter Rhodes B #101 BGT Closure Report June 5, 2013 Page 3 of 5

2.1.3 Chlorides

Soil sample SC-1 was field screened for chlorides using Chloride Drop Count Titration with silver nitrate. Sampling and analysis methods followed procedures provided by Hach Company.

2.2 Laboratory Analyses

The composite soil sample SC-1 collected for laboratory analysis was placed into a new, clean, laboratory-supplied container, which was then labeled, placed on ice, and logged onto a sample chain of custody record. The sample was maintained on ice until delivery to the analytical laboratory, Hall Environmental Analysis Laboratory (Hall), in Albuquerque, New Mexico. Soil sample SC-1 was laboratory analyzed for:

- Benzene, toluene, ethylbenzene, and xylene (BTEX) per U.S. Environmental Protection Agency (USEPA) Method 8021B; and
- Chloride per USEPA Method 300.0.

2.3 Field and Laboratory Analytical Results

Field screening readings for VOCs via OVM ranged from 0.9 ppm in S-2 up to 3.0 ppm in SC-1. Field TPH concentrations ranged from 33.1mg/kg in S-4 up to 42.7 mg/kg in S-2. The field chloride concentration in SC-1 was 60 mg/kg. Field screening results are summarized in Table 1 and presented on Figure 2. The AES Field Screening Report is attached.

Sample ID	Date Sampled	Depth below BGT (ft)	VOCs OVM Reading (ppm)	Field TPH (mg/kg)	Field Chlorides (mg/kg)
NMOCD Action L	evel (NMAC 19.	.15.17.13E)		100	250
S-1	5/6/13	0.5	1.7	41.5	NA
S-2	5/6/13	0.5	0.9	42.7	NA
S-3	5/6/13	0.5	2.0	39.1	NA
S-4	5/6/13	0.5	2.2	33.1	NA
S-5	5/6/13	0.5	2.8	34.3	NA
SC-1	5/6/13	0.5	3.0	NA	60

Table 1. Soil Field Screening VOCs, TPH, and Chloride Results

NA - not analyzed

Lisa Hunter Rhodes B #101 BGT Closure Report June 5, 2013 Page 4 of 5

Laboratory analytical results reported benzene and total BTEX concentrations in SC-1 as less than 0.050 mg/kg and 0.25 mg/kg, respectively. The laboratory chloride concentration was reported as 48 mg/kg. Laboratory analytical results are summarized in Table 2 and included on Figure 2. Laboratory analytical reports are attached.

			aboratory A				
Sample ID	Rho Date Sampled	Depth (ft)	01 BGT Clos Benzene (mg/kg)	Total BTEX (mg/kg)	TPH- GRO (mg/kg)	TPH- DRO (mg/kg)	Chlorides (mg/kg)
NMOCD Action	Level (NMAC 19.15	5.17.13E)	0.2	50	1	.00	250
SC-1	5/6/13	0.5	<0.050	<0.25	NA	NA	48
NA - not ar	nalyzed						

I de la provider

3.0 Conclusions and Recommendations

NMOCD action levels for BGT closures are specified in New Mexico Administrative Code (NMAC) 19.15.17.13E. Field TPH concentrations were below the NMOCD action level of 100 mg/kg, with the highest concentration reported in S-2 with 42.7 mg/kg. Benzene and total BTEX concentrations in SC-1 were below the NMOCD action levels of 0.2 mg/kg and 50 mg/kg, respectively. Chloride concentrations in SC-1 were below the NMOCD action levels of the NMOCD action level of 250 mg/kg. Based on field screening and laboratory analytical results for benzene, total BTEX, TPH, and chlorides, no further work is recommended at the Rhodes B #101.

If you have any questions about this report or site conditions, please do not hesitate to contact Deborah Watson at (505) 564-2281.

Sincerely,

Bandree R. Cupps

Landrea Cupps Environmental Scientist

Elizabeth o McNdly

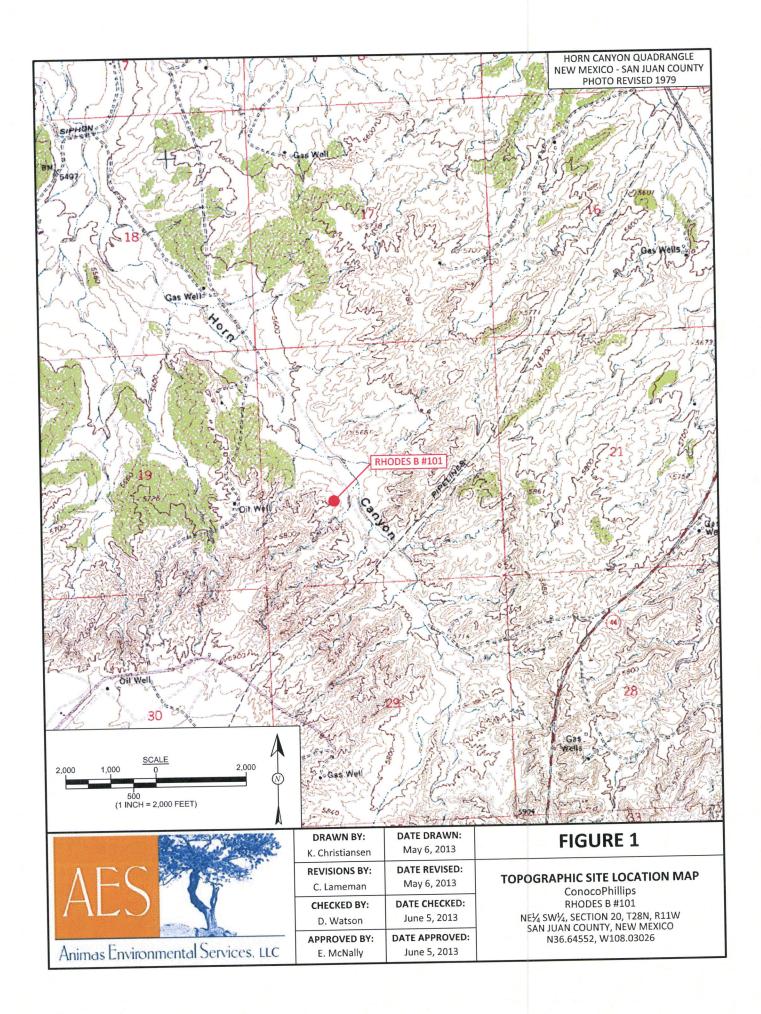
Elizabeth McNally, P.E.

Lisa Hunter Rhodes B #101 BGT Closure Report June 5, 2013 Page 5 of 5

Attachments:

Figure 1. Topographic Site Location Map Figure 2. Aerial Site Map, May 2013 AES Field Screening Report 050613 Hall Analytical Report 1305209

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	- 191	(ppm)		-	Sample ID	Date	Benzene	BTEX	GRO	DRO	(mg/kg)
NMOCD ACT	TION LEVEL		100	250			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
S-1	5/6/13	1.7	41.5	NA	NMOCD ACT		0.2	50		00 NA	250 48
S-2	5/6/13	0.9	42.7	NA	SC-1	5/6/13	<0.050	<0.25			40
S-3	5/6/13	2.0	39.1 33.1	NA NA	SAMPLE WAS	ANALYZED	PEREPAIN	ETHOD 802	ID AND SOC		1. 1. 1. 1. 1. 1.
S-4 S-5	5/6/13 5/6/13	2.2	34.3	NA	1 1 1		3 64 1				1155
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AES Field Screening Report

Client: ConocoPhillips

Project Location: Rhodes B #101

Date: 5/6/2013

Matrix: Soil

Animas Environmental Services, LLC

www.animasenvironmental.com

624 E. Comanche Farmington, NM 87401 505-564-2281

Durango, Colorado 970-403-3084

		Time of			Field	Field TPH				Н
Samule ID	Collection	Sample Collection	Sample Location	(mqq)	Chloride (mg/kg)	Analysis Time	Field TPH* (mg/kg)	TPH PQL (mg/kg)	DF	Analysts Initials
2-1-S		9:50	North	1.7	NA	10:37	41.5	20.0	1	КС
-2 -2	5/6/2013	9:53	South	6.0	NA	10:40	42.7	20.0	1	КС
3 6 7	5/6/2013	9-55	East	2.0	NA	10:43	39.1	20.0	1	KC
	5/6/2013	9-56	West	2.2	NA	10:46	33.1	20.0	T	КC
- - - - - - - - - - - - - - - - - 	5/6/2013	9:58	Center	2.8	AN	10:49	34.3	20.0	1	У
SC-1	5/6/2013	10:02	Composite	3.0	60		Not ,	Not Analyzed for TPH.	ЪН.	

Practical Quantitation Limit Ъ Not Detected at the Reporting Limit

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Not Analyzed ٩N

Dilution Factor ЪF

*Field TPH concentrations recorded may be below PQL.

Lebery Christian

Field Chloride - Quantab Chloride Titrators or Drop Count Titration with

Analyst:

Total Petroleum Hydrocarbons - USEPA 418.1

Silver Nitrate

Report Finalized: 05/06/13 Page 1



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

May 08, 2013

Debbie Watson Animas Environmental 624 East Comanche Farmington, NM 87401 TEL: (505) 486-4071 FAX:

OrderNo.: 1305209

RE: CoP Rhodes B #101

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/7/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analys	is Laborat	ory, Inc.		Lab	alytical Report Order 1305209 e Reported: 5/8/2013
CLIENT: Animas Environmental Project: CoP Rhodes B #101 Lab ID: 1305209-001	Matrix: N	(MEOH (SOIL)		ate: 5/6/201	13 10:02:00 AM 13 9:45:00 AM
Analyses	Result	RL Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES				,	Analyst: NSB
Benzene	ND	0.050	mg/Kg	1	5/7/2013 12:00:30 PM
Toluene	ND	0.050	mg/Kg	1	5/7/2013 12:00:30 PM
Ethylbenzene	ND	0.050	mg/Kg	1	5/7/2013 12:00:30 PM
Xylenes, Total	ND	0.10	mg/Kg	1	5/7/2013 12:00:30 PM
Surr: 4-Bromofluorobenzene	102	80-120	%REC	1	5/7/2013 12:00:30 PM
EPA METHOD 300.0: ANIONS					Analyst: JRR
Chloride	48	30	mg/Kg	20	5/7/2013 11:48:32 AM

- Value exceeds Maximum Contaminant Level. *
- Value above quantitation range Е
- Analyte detected below quantitation limits J
- Sample pH greater than 2 Р
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits R
- Spike Recovery outside accepted recovery limits S

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

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SeqNo: 295853 Units: mg/Kg Analysis Date: 5/7/2013 Prep Date: 5/7/2013 RPDLimit SPK value SPK Ref Val %REC LowLimit %RPD HighLimit PQL Result Analyte 117 1.59 64.4 139 48.25 69 30 15.00 Chloride

Qualifiers:

Value exceeds Maximum Contaminant Level. *

Value above quantitation range Ε

Analyte detected below quantitation limits J

- Sample pH greater than 2 Р
- Reporting Detection Limit RL

- Analyte detected in the associated Method Blank В
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit ND
- RPD outside accepted recovery limits R
- Spike Recovery outside accepted recovery limits S

Page 2 of 3

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08-May-13

WO#: 1305209

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

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Sample ID: 5ML RB	SampT	ype: MB	LK	Test	Code: EF	A Method	8021B: Volat	iles		
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Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000	_	103	80	120			
Sample ID: 100NG BTEX LC	s Samp	Type: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS		h ID: R1	0444	F	RunNo: 1	0444				
Prep Date:	Analysis I	Date: 5/	7/2013	5	SeqNo: 2	95717	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.050	1.000	0	108	80	120			
Toluene	1.1	0.050	1.000	0	110	80	120			
Ethylbenzene	1.1	0.050	1.000	0	109	80	120			
Xylenes, Total	3.3	0.10	3.000	0	111	80	120			
	0.0	0.10					120			

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Page 3 of 3

WO#: 1305209

08-May-13

HALL ENVIRONMENTAL AMALYSIS LABORATORY	Hall Environmental A Albuq TEL: 505-345-3975 F Website: www.hall	4901 Harrhins NE wergine, NM 87106 AX: 305-345-4107	Sampk	e Log-In Che	ck List
Client Hame: Animes Environmental	Work Order Number:	1305200		Repillo: 1	
	5/07/3 7/2013 9:45:00 AM	- 4	Mires Grui	· · · · · · · · · · · · · · · · · · ·	
	7/2013 14:00:03 AM	-	Mahal Grun Michal Grun	n San an Tarina an Santa San an Santa	
Chein of Custody					
1. Custody seals intact on sample bottles?		Yes	No	Not Present	
2. Is Chain of Custody complete?		Yes Mi	No 1	Not Present	
3. How was the sample delivered?		Courier			
Log In					•
4. Was an attempt made to cool the samples?		Yes M	No	NALI	
5. Were all samples received at a temperature of	f >0° C 10 6.0°C	Yes M	No	NA I	
6. Semple(s) in proper container(s)?		Yes M	No		
7. Sufficient semple volume for indicated test(s)	2	Yes 🖓	No		
8. Are samples (accept VOA and ONG) properly	preserved?	Yes M	No		
9. Was preservative added to bottles?		Yes	No M	NA s 1	
10,VOA visis have zero headapace?		Yes	No	No VOA Viels Vi	
11. Were any sample containers received broker	17	Yes	No Mi	# of preserved bettles checked	
12. Does peperwork match bottle labels? (Note discrepancies on chain of custody)	 •	Yes M	No 1	for pH:	>12 uniess noted)
13. Are matrices correctly identified on Chain of C	Cuetody?	Yes M	No	-vojere de la r	
14, is it clear what analyses were requested? 15. Were all holding times able to be met? (If no, notify customer for authorization.)	• • • •	Yes M Yes M	No	Checked by:	
Speciel Handling (If applicable)					
16. Was client notified of all discrepancies with th	his order?	Yes i	Noli	NA M	
i Person Notified:	Date:				
By Whom:	Via:	i eMail : P	hone : Fax	In Person	•
Regarding:					1
Client Instructions:					
17. Additional remarks:			•		

18. <u>Cooler Information</u> <u>Cooler No Temp *C Condition Seel Intect Seel No Seel Date Signed By</u> 1 1.0 Good Yes

Chain-of-Custody Record	Turn-Around Time:			HALL	ENVI	RON	ALL ENVIRONMENTAL	
Client D. : mar Emires mental		X Runh Salve day		ANAL	SIS		ANALYSIS LABORATORY	
	Project Name:	0 101 * 8 *	4901 Hawkins NE	kins NE -	www.haitenvironmental.com ms NE - Albuquerque, NM I	arvironmental.com Albuquerque, NM 57109	8	
Malling Address: (24 E. Comprehe St Froming ten, NM 87401	12		Tel. 505-345-3675	945-3075 A	Fex S	506-345-4107	4	
Phone #: 505-544-2281	Project Manager.		(Apur					
email or Facer: QAVQC Pactage:	No No			(SMIS	and the second second	IS bC8	\$	
Accreditation Detroit V un ververund	Sampler: K	chri stinser	a / Offe	(1.408	ON"ON	(s biroli	(N 10 J)
()ed	Contraction in series) 89	poup	F,CI,	YON		seid
Date Time Matrix Sample Request ID	Container Type and #	Preservative Type	DTEX + 1	PAH's (8 PAH's (8 PAH's (8	RCRA 8	eget pe 82608 (8270 (S	0.005	All Bub
	The jee in	Non Winner					X	-
1/10/2011 2/2/								
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	Rucahed by:	1 1 1 1	Remerts: 8	110	(ever	erase Phillips		
while why when the	Plat tale	172 5/13 1745	1:40	512343713			0: BENALE	
12 H	(and by the factor	and the second and	- Annal Star	Section Montay	artere	Area:22	لم الم	to
10/12/1866 / Nr War	17/19 17/14	Alter attantion of the serves as noted		y. Any sub-contracted data will be		dy notated on I	he analytical report.	

If necessary, surplus submitted to hall Environmental may be subcontended to other accept

State of New Mexico Energy Minerals and Natural Resources

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

Release Notification and Corrective Action

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

Form C-141

Revised August 8, 2011

Final Report Initial Report **OPERATOR** Contact Denise Journey Name of Company Burlington Resources Telephone No. 505-326-9556 Address 3401 East 30th St., Farmington, NM 87402 Facility Type Gas Well Facility Name Rhodes B 101 API No. 30-045-29211 Mineral Owner Federal Lease # SF-08044 Surface Owner Federal LOCATION OF RELEASE County East/West Line Feet from the North/South Line Feet from the Township Range Unit Letter Section San Juan West 1735 1850 South 11W 28N 20 K Latitude_36.64581_Longitude -108.03042 NATURE OF RELEASE Volume Recovered N/A Volume of Release N/A Type of Release BGT Closure Summary Date and Hour of Discovery Date and Hour of Occurrence Source of Release NONE If YES, To Whom? Was Immediate Notice Given? Yes No X Not Required Date and Hour By Whom? If YES, Volume Impacting the Watercourse. Was a Watercourse Reached? □ Yes ⊠ No If a Watercourse was Impacted, Describe Fully.* n/a Describe Cause of Problem and Remedial Action Taken.* n/a Describe Area Affected and Cleanup Action Taken.* BGT CLOSURE: NO RELESE FOUND UPON REMOVAL I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. OIL CONSERVATION DIVISION enis Signature: Approved by Environmental Specialist: Printed Name: Denise Journey Expiration Date: Approval Date: Title: Staff Regulatory Technician Conditions of Approval: E-mail Address: Denise.Journey@conocophillips.com Attached Phone: 505-326-9556 3/20/2015 Date:

* Attach Additional Sheets If Necessary