Form C-144 State of New Mexico District I Revised June 6, 2013 1625 N. French Dr., Hobbs, NM 88240 Energy Minerals and Natural Resources For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office. District II Department 811 S. First St., Artesia, NM 88210 **Oil** Conservation Division District III 1000 Rio Brazos Road, Aztec, NM 87410 For permanent pits submit to the Santa Fe 1220 South St. Francis Dr. District IV Environmental Bureau office and provide a copy 1220 S. St. Francis Dr., Santa Fe, NM 87505 to the appropriate NMOCD District Office. Santa Fe, NM 87505 RECEIVED Pit, Below-Grade Tank, or 12754 By OCD 3-4-15 Proposed Alternative Method Permit or Closure Plan Application 45-30844 Below grade tank registration Type of action: Permit of a pit or proposed alternative method Closure of a pit, below-grade tank, or proposed alternative method Modification to an existing permit/or registration Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances. 1. OGRID #: <u>14538</u> Operator: Burlington Resources Address: PO BOX 4289, Farmington, NM 87499 Facility or well name: Cornell 4R OCD Permit Number: API Number: <u>3004530844</u> U/L or Qtr/Qtr <u>F (SENW)</u> Section <u>14</u> Township <u>29N</u> Range <u>12W</u> County: <u>San Juan</u> Center of Proposed Design: Latitude <u>36.72862000</u> N Longitude <u>-108.07073000</u> N NAD: X1927 1983 Surface Owner: 🛛 Federal 🗌 State 🗌 Private 🗌 Tribal Trust or Indian Allotment 2. **Pit:** Subsection F, G or J of 19.15.17.11 NMAC Closed Prior to Closure Plan Approval Temporary: Drilling Workover Permanent Emergency Cavitation P&A Multi-Well Fluid Management Low Chloride Drilling 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 3. Below-grade tank: Subsection I of 19.15.17.11 NMAC Volume: 120 bbl Type of fluid: <u>Produced Water</u> Tank Construction material: Metal Secondary containment with leak detection 🛛 Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off Visible sidewalls and liner Visible sidewalls only Other Liner type: Thickness <u>45</u> mil HDPE PVC Other <u>LLDPE</u> 4. Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks) Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church) Four foot height, four strands of barbed wire evenly spaced between one and four feet Alternate. Please specify

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, hospital, institution or church) Four foot height, four strands of barbed wire evenly spaced between one and four feet Alternate. Please specify Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Screen Netting Other Monthly inspections (If netting or screening is not physically feasible) Signs: Subsection C of 19.15.17.11 NMAC 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers Signed in compliance with 19.15.16.8 NMAC Variances and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a box if one or more of the following is requested, if not leave blank: Variance(s): Requests must be submitted to the appropriate division district for consideration of approval. Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Siting criteria does not apply to drying pads or above-grade tanks. **General siting** Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. 🗌 Yes 🛛 No NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells \square NA Yes No Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit. NA NA NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance Yes No 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) Yes No Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division Within an unstable area. (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) FEMA map **Below Grade Tanks** Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured Yes No from the ordinary high-water mark). Topographic map; Visual inspection (certification) of the proposed site Yes No Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site 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, 🗌 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 	🗌 Yes 🗌 No
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 	
Within 300 feet from a 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 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site 	🗌 Yes 🗌 No
 Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site 	🗌 Yes 🗌 No
Permanent Pit or Multi-Well Fluid Management Pit	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa	
 lake (measured from the ordinary high-water mark). Topographic map; Visual inspection (certification) of the proposed site 	🗌 Yes 🗌 No
 Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 	🗌 Yes 🗌 No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of	
 initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site 	🗌 Yes 🗌 No
 Within 500 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site 	🗌 Yes 🗌 No
10. <u>Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist</u> : Subsection B of 19.15.17.9 Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the do 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 19.15.17.12 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 and 19.15.17.13 NMAC 	
Previously Approved Design (attach copy of design) API Number: or Permit Number:	
11. 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 dot attached. Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC A List of wells with approved application for permit to drill associated with the pit. Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 and 19.15.17.13 NMAC Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.10 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC	
Previously Approved Design (attach copy of design) API Number: or Permit Number:	

 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 diattached. 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 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 19.15.17.11 NMAC Huisance 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 19.15.17.9 NMAC and 19.15.17.13 NMAC 	ocuments are
13.	
Proposed Closure: 19.15.17.13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Multi-well Flue Alternative Proposed Closure Method: Waste Excavation and Removal Waste Removal (Closed-loop systems only) On-site Closure Method (Only for temporary pits and closed-loop systems) In-place Burial On-site Trench Burial Alternative Closure Method Proposed Closure Method	uid Management Pit
 ^{14.} Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be a closure plan. Please indicate, by a check mark in the box, that the documents are attached. Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC 	ttached to the
4	
^{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. P 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	1 1CS [NO

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	🗌 Yes 🗌 No
 Within the area overlying a subsurface mine. Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division 	🗌 Yes 🗌 No
 Within an unstable area. Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	
Within a 100-year floodplain.	🗌 Yes 🗌 No
- FEMA map	🗌 Yes 🗌 No
 16. On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17. 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 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 cannual 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 bel	ief.
Name (Print): Title:	
Signature: Date:	
e-mail address: Telephone:	
18. OCD Approval: Permit Application (including closure plan) Image: Closure Plan (only) OCD Conditions (see attachment)	
OCD Representative Signature: Approval Date:	Apr 24, 2015
Title: Environmental Specialst OCD Permit Number:	
^{19.} <u>Closure Report (required within 60 days of closure completion)</u> : 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do no	
section of the form until an approved closure plan has been obtained and the closure activities have been completed. Image: section of the form until an approved closure plan has been obtained and the closure activities have been completed. Image: section of the form until an approved closure plan has been obtained and the closure activities have been completed. Image: section of the form until an approved closure plan has been obtained and the closure activities have been completed. Image: section of the form until an approved closure plan has been obtained and the closure activities have been completed. Image: section of the form until an approved closure plan has been obtained and the closure activities have been completed.	g the closure report. t complete this
section of the form until an approved closure plan has been obtained and the closure activities have been completed.	t complete this
section of the form until an approved closure plan has been obtained and the closure activities have been completed. Image: Closure Completion Date: 12/6/12 20. Closure Method: Image: Waste Excavation and Removal Image: On-Site Closure Method Image: Mathematical Alternative Closure Method Image: Waste Excavation and Removal Image: On-Site Closure Method Image: Closed-Image: Closed Ima	oop systems only)

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): Kenny Davis	Title: <u>Staff Regulatory Technician</u>
Signature:	Date: <u>12/3/14</u>
e-mail address: kenny.r.davis@conocophillips.com Te	lephone: <u>505-599-4045</u>

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

Lease Name: Cornell 4R API No.: 30-045-30844

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
TPH	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

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

> Durango, Colorado 970-403-3084

February 5, 2013

Crystal Tafoya ConocoPhillips San Juan Business Unit Office 214-05 5525 Hwy 64 Farmington, New Mexico 87401

RE: Below Grade Tank Closure Report Cornell #4R San Juan County, New Mexico

Dear Ms. Tafoya:

Animas Environmental Services, LLC (AES) is pleased to provide the final report associated with the below grade tank (BGT) closure at ConocoPhillips (CoP) Cornell #4R, 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 – Cornell #4R Legal Description - SE¼ NW¼, Section 14, T29N, R12W, San Juan County, New Mexico Well Latitude/Longitude - N36.72902 and W108.07137, respectively BGT Latitude/Longitude - N36.72915 and W108.07159, respectively Land Jurisdiction - Bureau of Land Management (BLM) Figure 1. Topographic Site Location Map Figure 2. Aerial Site Map, December 2012

1.2 NMOCD Ranking

Prior to site work, the New Mexico Oil Conservation Division (NMOCD) database was reviewed, and no prior ranking information was located. 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 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.

Crystal Tafoya Cornell #4R BGT Closure Report February 5, 2013 Page 2 of 5

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 between 50 and 99 feet below ground surface (bgs) based on depth to water information from the nearest water wells located approximately 1,700 feet northwest of the location. An unnamed wash is located approximately 230 feet southeast of the location, which eventually drains to the San Juan River approximately 3.3 miles to the south. Based on this information, the location was assessed a ranking score of 20.

1.3 BGT Closure Assessment

AES was initially contacted by Jess Henson, CoP representative, on December 6, 2012, and on December 7, 2012, Corwin Lameman and Zachary Trujillo of AES met with a CoP representative at the location. AES personnel collected six soil samples from the 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 December 7, 2012, 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.

Crystal Tafoya Cornell #4R BGT Closure Report February 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 1.8 ppm in S-5 up to 5.8 ppm in S-4. Field TPH concentrations were less than 20 mg/kg in S-1 through S-5. The field chloride concentration in SC-1 was 40 mg/kg. Field screening results are summarized in Table 1 and presented on Figure 2. The AES Field Screening Report is attached.

	Cornell #4R	Depth below	VOCs OVM Reading	Field TPH	Field Chlorides
Sample ID	Date Sampled	BGT (ft)	(ppm)	(mg/kg)	(mg/kg)
NMOCD Action I		15.17.13E)	-	100	250
S-1	12/7/12	0.5	4.9	<20.0	NA
S-2	12/7/12	0.5	3.0	<20.0	NA
S-3	12/7/12	0.5	4.5	<20.0	NA
S-4	12/7/12	0.5	5.8	<20.0	NA
S-5	12/7/12	0.5	1.8	<20.0	NA
SC-1	12/7/12	0.5	2.0	NA	40

Table 1.	Soil Field Screening VOCs, TPH, and Chloride Results
	Cornell #4R BGT Closure, December 2012

NA - not analyzed

Crystal Tafoya Cornell #4R BGT Closure Report February 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 200 mg/kg. Laboratory analytical results are summarized in Table 2 and included on Figure 2. Laboratory analytical reports are attached.

Sample ID	Date Sampled	Depth (ft)	Benzene (mg/kg)	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	12/7/12	0.5	<0.050	<0.25	NA	NA	200

Table 2. Soil Laboratory Analytical Results Cornell #4R BGT Closure, December 2012

NA - not analyzed

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 in all of the samples (S-1 through S-5). Laboratory analytical results for benzene and total BTEX in SC-1 were below the NMOCD action level of 0.2 mg/kg and 50 mg/kg, respectively. Chloride concentrations in SC-1 were also below 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 Cornell #4R.

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

Sincerely,

Aleather M. Woods

Heather M. Woods Staff Geologist

Elizabeth & Mervelly

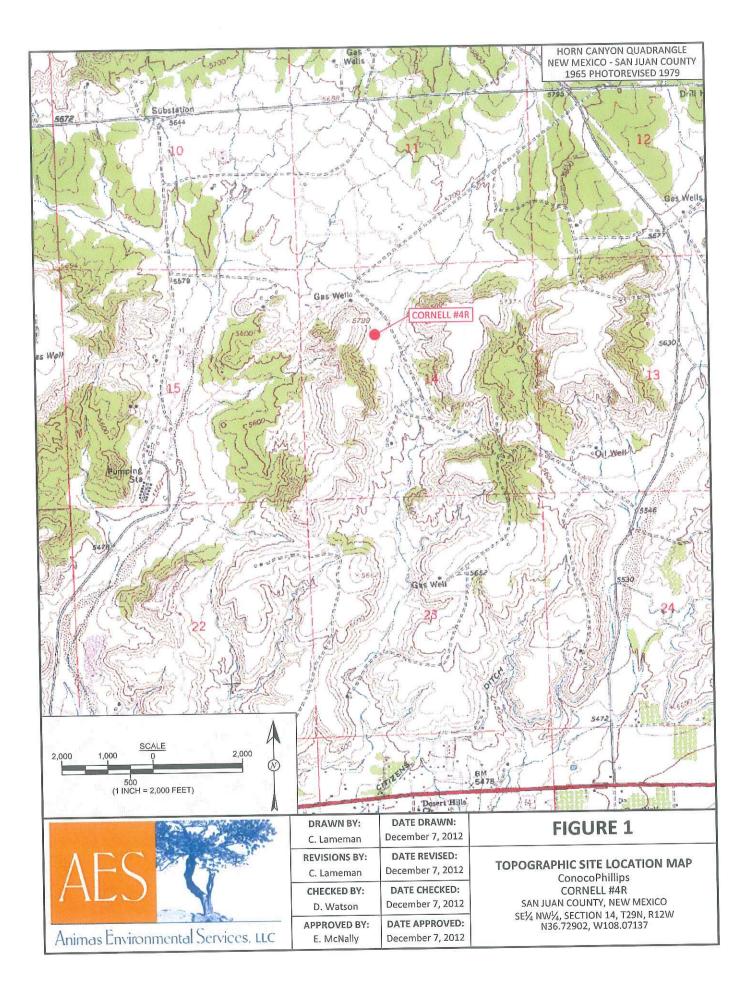
Elizabeth McNally, P.E.

Crystal Tafoya Cornell #4R BGT Closure Report February 5, 2013 Page 5 of 5

Attachments:

Figure 1. Topographic Site Location Map Figure 2. Aerial Site Map, December 2012 AES Field Screening Report 120712 Hall Analytical Report 1212377

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				Oly.				A CE	-		SAMI	PLE LOCATION	5
-		Field Scre		esults				and the second			and the second second		
-		-	OVM- PID	TPH	Chlorides			Laborator	ry Analytica	I Results			-
Sec.	Sample ID NMOCD ACT	Date	(ppm)	(mg/kg) 100	(mg/kg) 250	Sample ID	Date	Benzene (mg/kg)	Total BTEX	TPH - GRO (mg/kg)	TPH - DRO (mg/kg)	Chlorides (mg/kg)	
201				<20.0	NA			0.2	(mg/kg) 50		00	250	
THE R	S-1 S-2	12/7/12 12/7/12	4.9	<20.0	NA	NMOCD ACT SC-1	12/7/12	< 0.050	<0.25	NA	NA	200	A
No. of Street, or other	S-3	12/7/12	4.5	<20.0	NA	SAMPLE WAS	ANALYZED	PER EPA M	ETHOD 802:	1B AND 300).0.		- Andrew
	S-4	12/7/12	5.8	<20.0	NA	ALC: NOT ALC: NOT			11-11-11	1 st		The second	-
	S-5	12/7/12	1.8	<20.0	NA	TANK BERK	A. 54						Par -
	SC-1 SC-1 IS A 5-PC	12/7/12	2.0	NA	40	to of all		111/1	Contraction of the second			X	New.
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AES Field Screening Report

Animas Environmental Services, LLC

www.animasenvironmental.com

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

Durango, Colorado 970-403-3084

Project Location: Cornell #4R

Client: ConocoPhillips

Date: 12/7/2012

Matrix: Soil

		Timo of			Field	Field TPH				HdT
	Collection	Sample	Sample	MVO	Chloride	Analysis	Field TPH*	TPH PQL	DF	Analysts Initials
Sample ID	Date	Collection	Location	(mqq)	(mg/kg)	amir	(1115/ NS)	1911/9111		i
	2	77-8	North	4.9	NA	9:21	<20.0	20.0	F	CL
T	2102/1/21		4	00	NA	9:24	<20.0	20.0	1	с,
S-2	12/7/2012	8:45	South	0.0	1.001					ī
(0.15	Fact	4.5	NA	9:27	<20.0	20.0	F	Ľ
S-3	7TN7///7T	0.4.0	100					0	5	C
V J	CLUC/L/C1	8.47	West	5.8	NA	9:30	<20.0	20.0	-1	Ċ
-t-0	7707/1/77							000	L	CL
ר- ר-ר	12/7/2012	8:48	Center	1.8	NA	9:33	220.0	0.04		
0				c	UV		Not	Not Analyzed for TPH.	PH.	
SC-1	12/7/2012	8:50	Composite	7.N	2					
)										

Practical Quantitation Limit PQL Not Detected at the Reporting Limit ND

Not Analyzed NA

Dilution Factor DF

*Field TPH concentrations recorded may be below PQL.

Field Chloride - Quantab Chloride Titrators or Drop Count Titration with

Analyst:

Total Petroleum Hydrocarbons - USEPA 418.1

Silver Nitrate

Page 1 Report Finalized: 12/07/12



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

December 13, 2012

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

OrderNo.: 1212377

RE: COP Cornell #4R

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 12/8/2012 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 Analysis	Labora	ntory, In	с.	Dat	Date Reported: 12/13/2012			
CLIENT: Animas Environmental Services	5		Client Sample	ID: SC-1				
Project: COP Cornell #4R			Collection I	ate: 12/7/20	012 8:50:00 AM			
Lab ID: 1212377-001	Matrix:	SOIL	Received I	ate: 12/8/2	e: 12/8/2012 11:00:00 AM			
Analyses	Result	RL	Qual Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst: NSB			
Benzene	ND	0.050	mg/Kg	1	12/10/2012 1:12:51 PM			
Toluene	ND	0.050	mg/Kg	1	12/10/2012 1:12:51 PM			
Ethylbenzene	ND	0.050	mg/Kg	1	12/10/2012 1:12:51 PM			
Xylenes, Total	ND	0.10	mg/Kg	1	12/10/2012 1:12:51 PM			
Surr: 4-Bromofluorobenzene	93.8	80-120	%REC	1	12/10/2012 1:12:51 PM			
EPA METHOD 300.0: ANIONS					Analyst: JRR			
Chloride	200	30	mg/Kg	20	12/10/2012 11:12:41 AM			

Qualifiers:

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

- Analyte detected in the associated Method Blank В
- 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

Analytical Report Lab Order 1212377

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

Client: Project:	Animas E COP Corr	nvironmen nell #4R	tal Serv	vices							
Sample ID	MB-5184	SampTy	vpe: MB	LK	Test	Code: EP	A Method	300.0: Anions	6		
Client ID:	PBS	Batch	ID: 518	34	R	unNo: 74	13				
Prep Date:	12/10/2012	Analysis Da	ate: 12	/10/2012	S	eqNo: 21	4833	Units: mg/K	g		
Analyte		Result ND	PQL 1.5	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID	LCS-5184	SampT	ype: LC	S	Tes	tCode: EF	PA Method	300.0: Anion	S		
Client ID:		Batch	ID: 51	84	F	RunNo: 74	413				
Prep Date:	12/10/2012	Analysis D	ate: 12	2/10/2012	9	SeqNo: 2	14834	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		15	1.5	15.00	0	98.0	90	110			
Sample ID	1212377-001BMS	SampT	ype: MS	3	Tes	tCode: El	PA Method	300.0: Anion	S		
Client ID:		Batch	n ID: 51	84	F	RunNo: 7	413				
Prep Date		Analysis D	ate: 1	2/10/2012	5	SeqNo: 2	14836	Units: mg/h	۲g		
Analyte		Result	PQL		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		230	30	15.00	203.5	163	64.4	117			S
Sample ID	1212377-001BMS	D SampT	ype: M	SD	Tes	stCode: E	PA Method	300.0: Anior	ns		
Client ID:	SC-1	Batcl	n ID: 51	84	I	RunNo: 7	413				
Prep Date	12/10/2012	Analysis E	Date: 1	2/10/2012	1	SeqNo: 2	14837	Units: mg/l	Kg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit		%RPD	RPDLimit	Qual
Chloride		230	30	15.00	203.5	163	64.4	117	0.0105	20	S

Qualifiers:

Е Value above quantitation range

Analyte detected below quantitation limits J

Sample pH greater than 2 Р

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

13-Dec-12

1212377 WO#:

Value exceeds Maximum Contaminant Level. *

QC SUMMARY REPORT

Client:

Hall Environmental Analysis Laboratory, Inc.

Animas Environmental Services

Project:	COP Corn	ell #4R											
Sample ID	5ML RB	SampT	ype: ME	ILK	TestCode: EPA Method 8021B: Volatiles								
Client ID:	PBS	Batch	1D: R7	406	RunNo: 7406								
Prep Date:		Analysis Date: 12/10/2012			S	eqNo: 2	14884	Units: mg/Kg					
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit			
Benzene		ND	0.050										
Toluene		ND	0.050										
Ethylbenzene		ND	0.050										
Xylenes, Total		ND	0.10			22.07		400					
Surr: 4-Bror	nofluorobenzene	0.92		1.000		92.5	80	120					
Sample ID	100NG BTEX LCS	Samp	Type: LC	s	Tes	tCode: E	PAMethod	8021B: Vola	atiles				
Client ID:	LCSS		h ID: R	7406	F	RunNo: 7	7406						
Prep Date:		Analysis I	Date: 1	2/10/2012		SeqNo: 💈	214885	Units: mg/	Kg				

Sample ID 1 Client ID: L Prep Date: HighLimit %RPD **RPDLimit** LowLimit SPK value SPK Ref Val %REC Result PQL Analyte 76.3 117 0 101 1.0 0.050 1.000 Benzene 80 120 102 0 1.0 0.050 1.000 Toluene 77 116 103 1.000 0 1.0 0.050 Ethylbenzene 117 76.7 0 103 3.000 3.1 0.10 Xylenes, Total 120 95.7 80 0.96 1.000 Surr: 4-Bromofluorobenzene TestCode: EPA Method 8021B: Volatiles SampType: MS Sample ID 1212377-001AMS RunNo: 7406 Batch ID: R7406

Client ID: SC-1	Batci	ND: RI	400	1.:	diff 40. 1	100							
Prep Date:	Analysis Date: 12/10/2012			5	SeqNo: 2	14886	Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	0.82	0.050	0.8038	0	102	67.2	113						
Toluene	0.83	0.050	0.8038	0	103	62.1	116						
Ethylbenzene	0.83	0.050	0.8038	0	104	67.9	127						
and the second sec	2.5	0.10	2,411	0	103	60.6	134						
Xylenes, Total Surr: 4-Bromofluorobenzene	0.81	5.10	0.8038		101	80	120						
0 IN ID 4040077 004 AMS	D Samn	Type: M	SD	Tes	tCode: E	PA Method	8021B: Vola	tiles					

Sample ID 1212377-001AM	SD Sampl	ype: Wa	5D	1651	.00uc. LI	Ametrica				
Client ID: SC-1	ent ID: SC-1 Batch ID: R7406					406				
Prep Date:	Analysis D	Date: 12	2/10/2012	S	SeqNo: 2	14887	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	0.80	0.050	0.8038	0	99.3	67.2	113	2.29	14.3	
Benzene	0.81	0.050	0.8038	0	100	62.1	116	2.41	15.9	
Toluene		0.050	0.8038	0	102	67.9	127	1.66	14.4	
Ethylbenzene	0.82					60.6	134	1.50	12.6	
Xylenes, Total	2.4	0.10	2.411	0	102					
Surr: 4-Bromofluorobenzene	0.80		0.8038		100	80	120	0	0	

Qualifiers:

- Value exceeds Maximum Contaminant Level. *
- Value above quantitation range E
- Analyte detected below quantitation limits I
- Sample pH greater than 2 P

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

WO#: 1212377

Qual

Qual

13-Dec-12

Page 3 of 3

lient Name: Animas Environmental		ork Order	Num)er: 12	212377
Received by/date: MT 12/C	8//2				4
ogged By: Anne Thome	12/8/2012 11:00:00 AM			Am.	the
Completed By: Anne Thorne	12/8/2012			Anne.	the
Reviewed By: A-12/08	1/2				
chain of Custody	Comp 2. Proceeding of the set				
1. Were seals intact?		100 -] No		Not Present
2. Is Chain of Custody complete?		Yes	No		Not Present
3. How was the sample delivered?		Courie	:		
.og In					
4. Coolers are present? (see 19. for cooler	specific information)	Yes	No No		NA 🗆
		Yes	No		
5. Was an attempt made to cool the sample	857	165 0			
6. Were all samples received at a temperat	ture of >0° C to 6.0°C	Yes E	No No		NA 🗆
		Yes [a No		
7. Sample(s) in proper container(s)?		Yes			
8. Sufficient sample volume for indicated to		Yes			
 Are samples (except VOA and ONG) pro Was preservative added to bottles? 	pheny preserved i	Yes			NA 🗆
10. was preservative added to bottles.					
11. VOA vials have zero headspace?		Yes Yes			No VOA Vials
12. Were any sample containers received b	roken?	Yes			# of preserved
 Does paperwork match bottle labels? (Note discrepancies on chain of custody) 	0	Tes	<u>v</u> 14	, <u> </u>	bottles checked for pH:
14. Are matrices correctly identified on Cha		Yes			(<2 or >12 unless noted
15. Is it clear what analyses were requested			V N		Adjusted?
16. Were all holding times able to be met?		Yes	V N	•	
(If no, notify customer for authorization.)				Checked by:
Special Handling (if applicable)			—		
17. Was client notified of all discrepancies	with this order?	Yes		0 []	
Person Notified:	Date	e sedec e o		210	
By Whom:	Via:	eMai	I 🗌	Phone	E Fax In Person
Regarding:					
Client Instructions:					

-

-

-	-	-	-	2			-
		Pa	ze	1	of	1	

HALL ENVIRONMENTAL	ANALYSIS LABORATORY	4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107 Analysis Request		32 PCB	(HA9 (HA9 2001,600 308 \ 20 (A0	hod ! A or Aetal Aetal Active A A A A A A A A A A A A A A A A A A A	PH (Meti (Meti 8310 (РИ, 8310 (РИ, 8081 Рез 82508 (У 82508 (У 65608 (У 65608 (У 65608 (У	×						TD CONO	0	All A
		4901 Hav	Tel. 505	(Kjuo		H9T +	8 bo	BTEX + Meth BTEX + M					+	_	Remarks: BILL NO:1033/4097	ADEA LODE: C200	AKKAA V
Turn-Around Time:	Droject Name:	Cop Cornell #4K	144	Project Manager:	D. Watson	Sampler: Clamenon 2. Twillo	sample Temperatures	HEALNO	X / WW T: HOPM SSELE-2014						Time Time	Date Time	whoontracted to other accredited laboratories. This serves as notice of this p
Chain-of-Custody Record	Client: Animas Envranmental Sirvices	Mailing Address:	Fauminupan NM 81401	Phone #: 575-57.4 - 72.91	QA/QC Package: CA/QC Package: Converse Conv	Dither	(be)	Date Time Matrix Sample Request ID	-	1					Date: Time: Relinquished by:	Time:	17/1/2 17 05/ Mutter 10 Lale

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised October 10, 2003

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

	OPERATOR	Initial Report	Final Report
Name of Company Burlington Resources	Contact Kenny Davis		
Address 3401 East 30th St, Farmington, NM	Telephone No.(505) 599-4045		
Facility Name: Cornell 4R	Facility Type: Gas Well		

Surface Owner Federal

Mineral Owner Federal

Lease No. SF-065557A

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	14	29N	12W	1695	North	1820	West	San Juan

Latitude36.72862000 Longitude-108.07073000

NATURE OF RELEASE

Type of Release BGT Closure Summary	Volume of Release N/A	Volume Rec	
Source of Release: NONE	Date and Hour of Occurrence N/A	Date and Ho	our of Discovery N/A
Was Immediate Notice Given?	If YES, To Whom?		
🗌 Yes 🗌 No 🖾 Not Required	N/A		
By Whom? N/A	Date and Hour N/A		
Was a Watercourse Reached?	If YES, Volume Impacting the Wat	ercourse.	
N/A Ves No	N/A		
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 RELEASE FOUND UPON REMOVAL			
I hereby certify that the information given above is true and complete to t	he best of my knowledge and underst	and that pursu	ant to NMOCD rules and
regulations all operators are required to report and/or file certain release n	otifications and perform corrective ac	tions for relea	ses which may endanger
multic health or the environment. The acceptance of a C-141 report by th	e NMOCD marked as "Final Report"	does not relie	ve the operator of hability
should their operations have failed to adequately investigate and remedial	e contamination that pose a threat to g	ground water,	surface water, numan nealth
or the environment. In addition, NMOCD acceptance of a C-141 report c	loes not relieve the operator of respon	sibility for con	npliance with any other
federal, state, or local laws and/or regulations.			
	OIL CONSER	VATION I	DIVISION
Signature:			
	Approved by District Supervisor:		
Printed Name: Kenny Davis			
	A successful Datas	Expiration D	ate
Title: Staff Regulatory Technician	Approval Date:		acc.
D	Conditions of Approval:		
E-mail Address: Kenny.r.davis@conocophillips.com	Conditions of Approval.		Attached
Data: 12/9/14 Dhana: (505) 500 4045			

Date: 12/8/14 Phone: (505) 599-4045

* Attach Additional Sheets If Necessary

