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

State of New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-144 Revised June 6, 2013

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.

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

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

Closure of a pit, below-grade tank, or proposed alternative method Modification to an existing permittor 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 ase be advised that approval of this request does not relieve the operator of ilability should operations result in pollution of surface water, ground water or the ironnent. Not does approval relieve the operator of its responsibility to comply with any other applicable governmental surbority's rules, regulations or ordinances. Company LP OGRID #: 14538 Address: PO BOX 4289, Farmington, NM 57499	Proposed Alternative Method Pern	nit or Closure Plan Application	
ase 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 fromment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances. Toperator: Burlington Resources Oil & Gas Company, LP OGRID #: 14538 Address: PO BOX 4289, Farmington, NM 87499 Facility or well name: LODEWICK & API Number: 30-045-06326 OCD Permit Number: U/L or Qrt/Qrt P Section 19 Township 27 N Range 09 W County: San Juan Center of Proposed Design: Latitude 36:55555 N Longitude 107.82413 W NAD: 1927 S 1983 Surface Owner: Pederal State Private Tribal Trust or Indian Allotment 2. Pit: Subsection F, G or J of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A Multi-Well Fluid Management Low Chloride Drilling Fluid yes no Lined Unlined Liner type: Thickness mil 11.DPE HDPE PVC Other String-Reinforced Liner Seams: Welded Factory Other Volume: bbl Dimensions: L x W x D Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off Visible sidewalls and liner Visible sidewalls only Other Unspecified Visible sidewalls and liner Visible sidewalls only Other Unspecified 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) Founding Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks) Founding Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks) Founding Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)	Permit of a pit or proposed alternat. ☐ Closure of a pit, below-grade tank, ☐ Modification to an existing permit/ ☐ Closure plan only submitted for an	or proposed alternative method or registration	By kcollins at 7:33 am, Mar 09, 2010
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Operator: _Burlington Resources Oil & Gas Company, LP OGRID #:			
Address: PO BOX 4289, Farmington, NM 87499 Facility or well name: _\text{DOEWICK 8} API Number: _\text{30-045-06326} \text{ OCD Permit Number:} _\text{U/L or Qtr/Qtr} _\text{P Section _ 19 _ Township _27 N _ Rangc _09 \text{ County: San Juan} _\text{Center of Proposed Design: Latitude _ 36.55555 N _ Longitude _ 107.82413 _ vW _ NAD: _\text{1927 \text{ 1983}} _\text{Surface Owner:} _\text{ Federal } _\text{ State } _\text{ Private } _\text{ Tribal Trust or Indian Allotment} _\text{20} _\text{ Pit: Subsection F, G or J of 19.15.17.11 NMAC} _\text{ Permanent } _\text{ Drilling } _\text{ Workover} _\text{ Drilling } _\text{ Workover} _\text{ Drilling } _\text{ Workover} _\text{ Drilling Liner type: Thickness _ mil } _\text{ LLDPE } _\text{ HDPE } _\text{ PVC } _\text{ Other } _\text{ String-Reinforced} _\text{ Liner Scams: } _\text{ Welded } _\text{ Factory } _\text{ Other } _\text{ Drilling Fluid } _\text{ yx D} _\text{ String-Reinforced} _\text{ Liner Scams: } _\text{ Welded } _\text{ Factory } _\text{ Other } _\text{ Dype of fluid: } _\text{ Produced Water } _\text{ Tank Construction material: } _\text{ Metal } _\text{ Metal } _\text{ Wisible sidewalls and liner } _\text{ Visible sidewalls only } _\text{ Other } _\text{ Unspecified} _\text{ Wisible sidewalls and liner } _\text{ Wisible sidewalls only } _\text{ Other } _\text{ Unspecified } _\text{ Maternative Method: } _\text{ Submittal of an exception request is required. } \text{ Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. } _\text{ Sefencing: Subsection D of 19.15.17.11 NMAC } _\text{ Alternative Method: } _\text{ Submittal of an exception request is required. } \text{ Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. } _\text{ Sefencing: Subsection D of 19.15.17.11 NMAC } _\text{ Alternative Method: } _ Submittal of a newer bounds of barbed wire at top (Required if located within 100	I. Output and Distriction Description Cit & Con Common LD OCDID #1 145	20	
Pacility or well name: LODEWICK 8 API Number:		<u> 58</u>	
API Number: 30-045-06326 OCD Permit Number: U/L or Qtr/Qtr	ST A		
Center of Proposed Design: Latitude			
Center of Proposed Design: Latitude36.55555 N Longitude107.82413 **WNAD:1927 \bigstyle= 1983 Surface Owner: \bigstyle= FederalState Private Tribal Trust or Indian Allotment 2			
Surface Owner: Sederal State Private Tribal Trust or Indian Allotment Pit: Subsection F, G or J of 19.15.17.11 NMAC			
Pit: Subsection F, G or J of 19.15.17.11 NMAC Temporary: Drilling Workover 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			
Pit: Subsection F, G or J of 19.15.17.11 NMAC Temporary: □ Prilling □ 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	Surface Owner: ☐ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotr	nent	
☑ Below-grade tank: Subsection I of 19.15.17.11 NMAC Volume: Max. 120 bbl Type of fluid: Produced Water 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 mil HDPE PVC Other UNSPECIFIED 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. 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	☐ Lined ☐ Unlined Liner type: Thicknessmil ☐ LLDPE ☐ HDP☐ String-Reinforced	E PVC Other	
Tank Construction material:	3. Subsection I of 19.15.17.11 NMAC		
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 mil HDPE PVC Other UNSPECIFIED 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. 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	Volume: Max. 120 bbl Type of fluid: Produc	ed Water	
Usible sidewalls and liner Usible sidewalls only Other UNSPECIFIED 4. UNSPECIFIED 4. UNSPECIFIED 5. 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	Tank Construction material: Metal		
Liner type: Thickness	☐ Secondary containment with leak detection ☒ Visible sidewalls, liner, 6-i	nch lift and automatic overflow shut-off	
Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. 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	☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other		
Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. 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	Liner type: Thicknessmil	her <u>UNSPECIFIED</u>	
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	4. Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to	the Santa Fe Environmental Bureau office for co	onsideration of approval.
	☐ Chain link, six feet in height, two strands of barbed wire at top (Required if l institution or church)	ocated within 1000 feet of a permanent residence	e, school, hospital,

6. 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	1000
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.	
9. Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of accematerial are provided below. Siting criteria does not apply to drying pads or above-grade tanks.	ptable source
General siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☑ NA
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. (Does not apply to below grade tanks) - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. (Does not apply to below grade tanks) - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
 Within an unstable area. (Does not apply to below grade tanks) Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	☐ Yes ☐ No
Within a 100-year floodplain. (Does not apply to below grade tanks) - FEMA map	Yes No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☑ No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial	☐ Yes ☐ No
application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	Yes No

Within 100 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit Non-low chloride drilling fluid	
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet of a wetland US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Permanent Pit or Multi-Well Fluid Management Pit	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 N Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the docattached. Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19. and 19.15.17.13 NMAC Previously Approved Design (attach copy of design) API Number: or Permit Number: or Permit Number:	NMAC 15.17.9 NMAC
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 docattached. 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 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Previously Approved Design (attach copy of design) API Number:	.15,17.9 NMAC
ORE TRANSPORTED TO THE PROPERTY OF THE PROPERT	

Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the	documents are
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 Alternative Proposed Closure Method: Waste Excavation and Removal Waste Removal (Closed-loop systems only) On-site Closure Method (Only for temporary pits and closed-loop systems) In-place Burial On-site Trench Burial Alternative Closure Method	luid Management Pit
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be 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 □ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	
15. Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable sour provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. I 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
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	
	☐ Yes ☐ No
Within the area overlying a subsurface mine Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain FEMA map	Yes No
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure 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 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 cannot 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
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 believe	
Name (Print): Title:	4-37-0-0-10-11120
Signature: Date:	
e-mail address: Telephone:	
e-mail address: Telephone:	
18.	
18. OCD Approval: ☐ Permit Application (including closure plan) ☐ Closure Plan (only) ☐ OCD Conditions (see attachment)	
18. OCD Approval: ☐ Permit Application (including closure plan) ☐ Closure Plan (only) ☐ OCD Conditions (see attachment) OCD Representative Signature: ☐ Approval Date:	-2016 the closure report.
18. OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Approval Date: 04-05- Title: Environmental Specialist OCD Permit Number: 19. Closure Report (required within 60 days of closure completion): 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 not section of the form until an approved closure plan has been obtained and the closure activities have been completed.	the closure report.

22.
Operator Closure Certification:
I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.
Name (Print): Kelly G. Roberts Title: Regulatory Technician
Signature: Date: 1/1/16
e-mail address: Kelly.Roberts@cop.com Telephone: (505) 326-9775

Burlington Resources Oil & Gas Company, LP San Juan Basin Below Grade Tank Closure Report

Lease Name: LODEWICK 8 API No.: 30-045-06326

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:

1. 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 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.

The below-grade tank referenced above was permitted and closed within 60 days of cessation of the below-grade tanks operation.

2. 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.

3. 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.

4. 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.

5. BR will test the soils beneath the below-grade tank to determine whether a release has occurred. BR 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.

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). Form C-141 is 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 300.0	250

6. 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.

7. 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.

- 8. 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 was not found.

9. 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 was not found.

10. 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 was 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.

11. 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 was accomplished through complying with BLM seeding requirements as allowed by the BLM/OCD MOU.

12. 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.

- 13. 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)

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

State of New Mexico Energy Minerals and Natural Resources

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

Form C-141 Revised August 8, 2011

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

			Rele	ease Notific	atio	on and Co	orrective A	ction				
						OPERA'	ГOR		☐ Initia	al Report	\boxtimes	Final Repor
				es, a Wholly Company		Contact Asl	nley Maxwell					
		St., Farmi	ington, l	NM 87402			No. 505-324-51	69				
Facility Na	ne: Lodew	rick #8				Facility Typ	e: Gas Well					
Surface Ow	ner: Fede	ral	- 42	Mineral O	wner	: Federal			API No	. 3004506	326	
59				LOCA	TIC	ON OF RE	LEASE					
Unit Letter P	Section 19	Township 27N	Range 09W	Feet from the 890'	Nort	h/South Line South	Feet from the 1025'		est Line East	County –	San Jua	an
						9 Longitud E OF REL	e -107.82349					
Type of Rele	ase — Unkn	own		IMI	OIG	ASIA MANASALES ESPERANTES ESPERANTES	Release – Unkno	own	Volume F	Recovered		
		ow Grade Tan	k			4 9/ASS 211/250/AS 20/ASS 25/ASS	Hour of Occurrence	7.55.555.555.5	ANGEROMOGE N. UNGEL TOP	Hour of Dis	scovery	
Was Immedi	ate Notice (Yes [No Not Re	quire	If YES, To	Whom?					
By Whom?			The same of two			Date and I	Iour					
Was a Water	course Read		Yes [] No		If YES, Vo	olume Impacting t	the Water	rcourse.			
If a Watercon	ırse was Im	pacted, Descr	ibe Fully.	k								
Describe Cau	se of Probl	em and Reme	dial Actio	n Taken.* Below	Grad	e Tank Closu	re Activities				45-5-4-5	
The below confirming the sample	grade tar a release was ther	; however, n transporte	esults w the regu ed to the	cen.* ere above regu llatory standard lab and analyti Remediation of	for cal r	closure at th esults for BT	is site was det EX and Chlori	ermine ides we	d to be 5 re below	,000 ppm the regu	n. Add latory	litionally, standards
regulations a public health should their	If operators or the environment operations hament. In a	are required to ronment. The ave failed to a ddition, NMC	o report ar acceptant adequately OCD accep	is true and complete of a C-141 reportance o	lease rt by t media	notifications a he NMOCD m ate contaminati	nd perform correct arked as "Final Roon that pose a thre	ctive action eport" do eat to gro	ons for rele oes not reli ound water	eases which eve the ope systems, surface was	may en rator of ater, hu	ndanger f liability man health
	ZLI						OIL CON	SERV	ATION	DIVISIO	<u>ON</u>	
Signature:						Approved by	Environmental Sp	pecialist:				
Printed Name		N 27 5545 DA 20000				Zal variable	£			D 4		
Title: Field F	invironmer	ıtal Specialis	<u>t</u>			Approval Da	te:	E	xpiration 1	Date:		
E-mail Addre	ess: ashley. _]	o.wethington	@conocoj	ohillips.com		Conditions of	f Approval:			Attached		
Date: May 8	, 2012		Phone: 5	05-324-5169								

^{*} Attach Additional Sheets If Necessary



May 1, 2012

Ashley Maxwell ConocoPhillips San Juan Business Unit Office 216-2 5525 Hwy 64 Farmington, NM 87401 www.animasenvironmental.com

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

> Durango, Colorado 970-403-3274

RE: Lodewick #8 Below Grade Tank Closure, Release and Asbestos Sampling Report San Juan County, New Mexico

Dear Ms. Maxwell:

Animas Environmental Services, LLC (AES) is pleased to provide the final report associated with the below grade tank (BGT) closure, release confirmation, and asbestos sampling at ConocoPhillips (CoP) Lodewick #8, located in San Juan County, New Mexico. Tank removal was completed by CoP contractors while AES was on site.

1.0 Site Information

1.1 Location

Site Name - Lodewick #8

Legal Description - SE¼ SE¼, Section 19, T27N, R9W, San Juan County, New Mexico Well Latitude/Longitude - N36.55573 and W107.82402, respectively BGT Latitude/Longitude - N36.55555 and W107.82413, respectively Land Jurisdiction - Bureau of Land Management (BLM)

Figure 1 - Topographic Site Location Map

Figure 2 - General Site Map (BGT), March 2012

1.2 NMOCD Ranking

Prior to site work, the New Mexico Oil Conservation Division (NMOCD) database was reviewed, and a Cathodic Protection Report from January 1991 for the Lodewick #8 reported the depth to groundwater at the location as 200 to 240 feet below ground surface (bgs). No additional NMOCD records were located. Additionally, the New Mexico Office of the State Engineer (NMOSE) database was reviewed for nearby private domestic water wells, and no registered water wells were reported to be located within 1,000 feet of the location.

Once on site, AES personnel assessed the ranking using known information of the area, 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. Distance to an unnamed tributary of Blanco Canyon, the nearest surface water, is located approximately 2,000 feet to the south. The location is not located within a well-head protection area. The site location has been assigned a ranking score of zero per the NMOCD *Guidelines for Leaks, Spills, and Releases* (1993).

1.3 BGT Closure Assessment and Asbestos Sampling

AES was initially contacted by Elmer Perry, CoP representative, on March 18, 2012, and on March 19, Tom Long and Lavina Lamone of AES met with Elmer Perry at the location.

AES personnel collected five soil samples (S-1 through S-5) from the below the BGT liner. The five samples were collected from the perimeter of the BGT footprint. A five point composite sample (SC-1) of the BGT footprint was collected for confirmation laboratory analysis. AES personnel also collected asbestos samples from the dehydrator that was at the site.

2.0 Soil Sampling

On March 19, 2012, AES personnel conducted field screening and collected five soil samples (S-1 through S-5) 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 locations are included on Figure 2.

2.1 Soil Field Screening

2.1.1 Volatile Organic Compounds

A portion of each sample was utilized for field screening of VOC vapors with a photo-ionization 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 at AES for TPH per U.S. Environmental Protection Agency (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.

2.2 Soil Laboratory Analyses

The composite soil sample SC-1 collected for laboratory analysis on March 19, 2012, was placed into new, clean, laboratory-supplied containers, which were then labeled, placed on ice, and logged onto a sample chain of custody record. Samples were maintained on ice until delivery to the analytical laboratory, Hall Environmental Analysis Laboratory (Hall), in Albuquerque, New Mexico. The soil sample was laboratory analyzed for:

- Benzene, toluene, ethylbenzene, and xylene (BTEX) per USEPA Method 8021;
- TPH for gasoline range organics (GRO) and diesel range organics (DRO) per USEPA Method 8015B;
- Chlorides per USEPA Method 300.0.

2.3 Soil Field and Laboratory Analytical Results

Field screening for VOCs via OVM showed readings ranging from 0.0 ppm in S-4 up to 1.8 ppm in S-5. Field TPH concentrations ranged from 174 mg/kg in S-3 up to 801 mg/kg in S-4. Field screening VOC and TPH results are summarized in Table 1 and on Figure 2. The AES field screening report is attached.

Table 1. Soil Field Screening OVM and TPH Results Lodewick #8 BGT Closure, March 19, 2012

Sample ID	Date Sampled	Depth below BGT (ft)	VOCs OVM Reading (ppm)	Field TPH (mg/kg)
NMOCD Action	n Level (NMAC	19.15.17.13E)	-	100
S-1	3/19/12	0.5	0.3	529
S-2	3/19/12	0.5	0.2	474
S-3	3/19/12	0.5	0.7	174
S-4	3/19/12	0.5	0.0	801
S-5	3/19/12	0.5	1.8	260

Laboratory analytical results for SC-1 showed that the benzene was below the laboratory detection limit of 0.050 mg/kg, and total BTEX concentrations were below the laboratory detection of 0.25 mg/kg. TPH concentrations were reported below the laboratory detection limit of 5.0 mg/kg for GRO; however, 190 mg/kg was reported for DRO. The chloride concentration was also reported below the laboratory detection limit of 30 mg/kg. Laboratory analytical results are summarized in Table 2 and included on Figure 2. Laboratory analytical reports are attached.

Table 2. Soil Laboratory Analytical Results, Lodewick #8 BGT Closure, March 2012

Sample ID	Date	Depth (ft)	Benzene (mg/kg)	BTEX (mg/kg)	TPH- GRO (mg/kg)	TPH- DRO (mg/kg)	Chlorides (mg/kg)
NMOCD Action	Level (NMAC1	9.15.17.13E)	0.2/10*	50	100/5	,000*	250
SC-1	03/19/12	0.5	<0.050	<0.25	<5.0	190	<30

^{*}Action level determined by the NMOCD ranking score per NMOCD Guidelines for Leaks, Spills, and Releases (August 1993)

2.4 Asbestos Sampling Analytical Results

AES personnel collected three asbestos samples from the dehydrator located at the site. Asbestos samples were collected from the front plate, burner and the stack on the dehydrator. The samples collected for laboratory analysis were placed into new, clean, laboratory-supplied plastic bags, which were then labeled and logged onto a sample chain of custody record. The samples were shipped to EMLab P&K Laboratory, in Phoenix, Arizona. The asbestos samples were analyzed for following:

USEPA Method 600/R-93/116

Laboratory analytical results for the three samples collected from the dehydrator showed Chrysotile asbestos in all three samples. Samples reporting in fibers in excess of 1 percent are considered asbestos containing material (ACM) per 40 CFR 61.141 Subpart M. Laboratory results are summarized in Table 3. Laboratory analytical reports are attached.

Table 3. Asbestos Laboratory Analytical Results Lodewick #8 Dehydrator, March 2012

Sample ID	Date	% Asbestos	Type of Asbestos
Front Plate	03/19/12	50	Chrysotile
Burner	03/19/12	50	Chrysotile
Stack On Ground	03/19/12	60	Chyrsotile

3.0 Conclusions

3.1 BGT Closure

NMOCD action levels for BGT closures are specified in New Mexico Administrative Code (NMAC) 19.15.17.13E. Field TPH concentrations for S-1 through S-5 were above the applicable NMOCD action level with concentrations ranging from 174 mg/kg in S-3 up to 801 mg/kg in S-4. Based on field screening and laboratory analytical results on March 19, 2012, a release was confirmed at the Lodewick #8 location.

3.2 Release Confirmation

NMOCD action levels for releases are specified NMOCD's *Guidelines for Leaks, Spills, and Releases* (August 1993). Soil laboratory analyses showed that benzene, BTEX, TPH and chloride concentrations were below the NMOCD action levels for SC-1. Therefore, no further work is recommended for the location; however, release notification should follow the protocols outlined in NMAC 19.15.29 and 30.

3.3 Asbestos Sampling

Laboratory analytical results for the three asbestos samples collected from the dehydrator showed significant amounts of Chrysotile asbestos in all three samples. Asbestos abatement should follow the protocols outlined in 40 CFR 61.145 Subpart M.

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

Sincerely,

Thomas J. Long Project Manager

Thomas J. Loy

Elizabeth McNally, P.E.

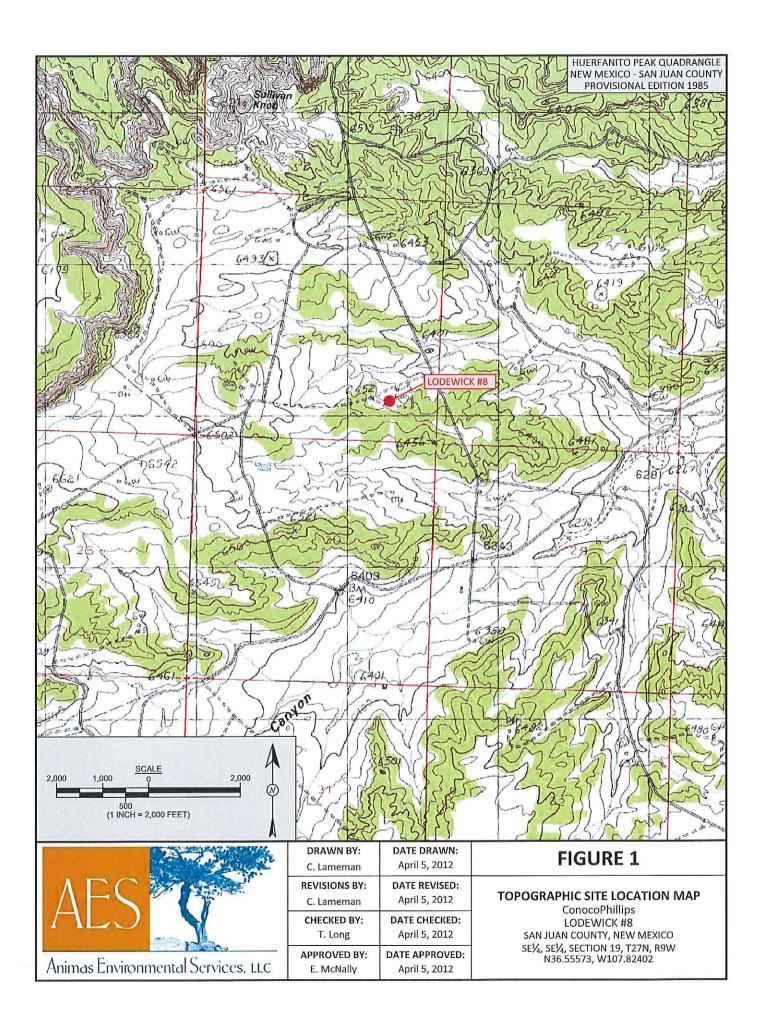
Elizabeth V McNelly

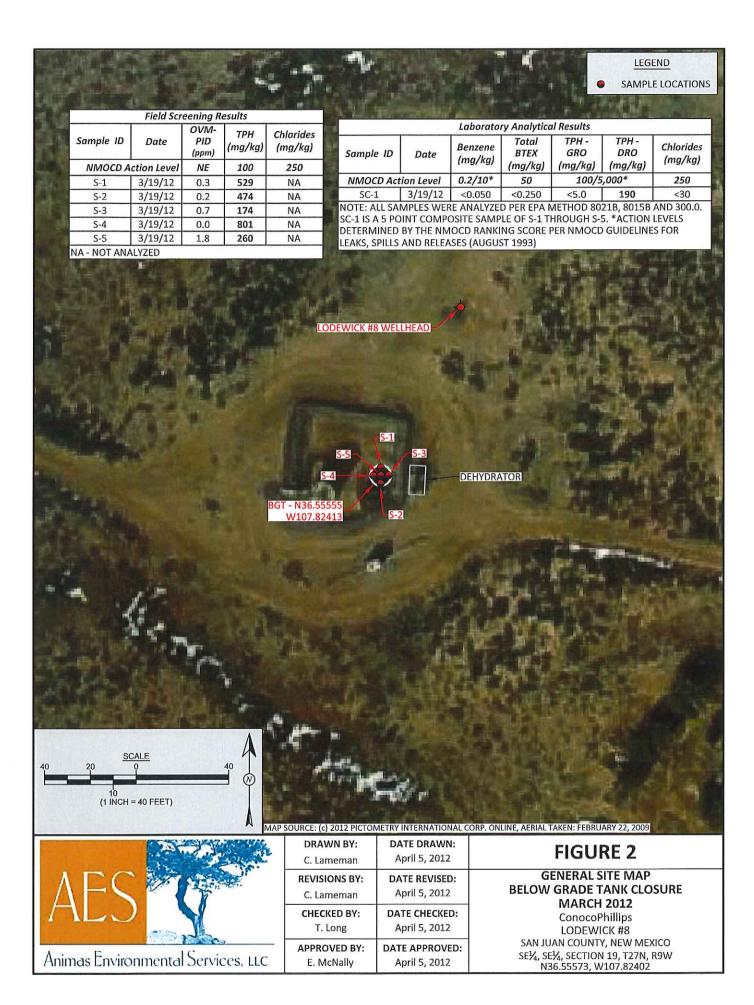
Ashley Maxwell Lodewick #8 BGT Closure and Release Report May 1, 2012 Page 6 of 6

Attachments:

Figure 1 - Topographic Site Location Map Figure 2 - General Site Map (BGT), March 2012 AES Field Screening Report 031912 Hall Analytical Report 1203690 EMLab P&K 901392

S:\Animas 2000\2012 Projects\Conoco Phillips\Lodewick #8\Lodewick #8 Closure & Release Report May 1 2012.docx





AES Field Screening Report



Animas Environmental Services. LLC

www.animasenvironmental.com

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

Durango, Colorado 970-405-3274

Project Location: Lodewick #8

Client: ConocoPhillips

Date: 3/19/2012

Matrix: Soil

				Time of				
	Collection	Collection	MVO	Sample	Field TPH*	TPH PQL		TPH Analysts
Sample ID	Date	Time	(ppm)	Analysis	(mg/kg)	(mg/kg)	DF	Initials
S-1	3/19/2012	10:12	0.3	15:12	529	20.0	T	TJL
S-2	3/19/2012	10:13	0.2	15:14	474	20.0	Т	111
S-3	3/19/2012	10:14	0.7	15:16	174	20.0	T	11
S-4	3/19/2012	10:15	0.0	15:18	801	20.0	Т	TIL
S-5	3/19/2012	10:17	1.8	15:20	260	20.0	T	TIL
SC-1	3/19/2012	10:20	1.3		Submitted 1	Submitted for Laboratory Analysis	Analysis	

Total Petroleum Hydrocarbons - USEPA 418.1

Practical Quantitation Limit PQL

Not Detected at the Reporting Limit N P

Dilution Factor

hop . I may !

Analyst:



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

March 22, 2012

Ross Kennemer Animas Environmental Services 624 East Comanche Farmington, NM 87401

TEL: (505) 564-2281 FAX (505) 324-2022

RE: COP Lodewick #8

OrderNo.: 1203690

Dear Ross Kennemer:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/20/2012 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 www.hallenvironmental.com 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.

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

Sincerely,

Andy Freeman

Laboratory Manager

Only

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 1203690

Date Reported: 3/22/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: COP Lodewick #8

Lab ID: 1203690-001

Client Sample ID: SC-1

Collection Date: 3/19/2012 10:18:00 AM

Matrix: MEOH (SOIL) Received Date: 3/20/2012 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE	ORGANICS					Analyst: JMP
Diesel Range Organics (DRO)	190	100		mg/Kg	10	3/20/2012 12:01:40 PM
Surr: DNOP	0	77.4-131	S	%REC	10	3/20/2012 12:01:40 PM
EPA METHOD 8015B: GASOLINE RAI	NGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/21/2012 3:42:24 PM
Surr: BFB	94.1	69.7-121		%REC	1	3/21/2012 3:42:24 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.050		mg/Kg	1	3/20/2012 4:27:51 PM
Toluene	ND	0.050		mg/Kg	1	3/20/2012 4:27:51 PM
Ethylbenzene	ND	0.050		mg/Kg	1	3/20/2012 4:27:51 PM
Xylenes, Total	ND	0.10		mg/Kg	1	3/20/2012 4:27:51 PM
Surr: 4-Bromofluorobenzene	108	80-120		%REC	1	3/20/2012 4:27:51 PM
EPA METHOD 300.0: ANIONS						Analyst: BRM
Chloride	ND	30		mg/Kg	20	3/20/2012 12:26:54 PM

Qualifiers:

- */X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

WO#: 1203690

22-Mar-12

Client:

Animas Environmental Services

Project:

COP Lodewick #8

Sample ID MB-1150

SampType: MBLK

TestCode: EPA Method 300.0: Anions

PBS Client ID:

LCSS

3/20/2012

Batch ID: 1150

RunNo: 1564

Analysis Date: 3/20/2012

SeqNo: 43902

Units: mg/Kg

HighLimit

Analyte

Prep Date:

3/20/2012

%RPD

Qual

Chloride

Result PQL ND 1.5

Sample ID LCS-1150

SampType: LCS Batch ID: 1150 TestCode: EPA Method 300.0: Anions

%REC LowLimit

RunNo: 1564

SPK value SPK Ref Val

Units: mg/Kg

Prep Date: Analyte

Client ID:

Analysis Date: 3/20/2012

SeqNo: 43903 %REC

LowLimit

%RPD

Qual

Chloride

14

SPK value SPK Ref Val PQL 15.00 1.5

24.47

SPK Ref Val

24.47

160.9

94.3

HighLimit 90 110 **RPDLimit**

RPDLimit

Sample ID 1203662-020BMS

SampType: MS

Batch ID: 1150

PQL

SampType: MSD

Analysis Date: 3/20/2012

POL

15

15

TestCode: EPA Method 300.0: Anions

RunNo: 1576

Client ID: Prep Date: Analyte

Chloride

BatchQC

3/20/2012 Analysis Date: 3/20/2012

SPK value SPK Ref Val

SegNo: 44253 %REC LowLimit

58.7

Units: mg/Kg

118

HighLimit

RPDLimit

Qual

S

Sample ID 1203662-020BMSD Client ID:

Prep Date:

Analyte

Chloride

BatchQC

3/20/2012

Batch ID: 1150

Result

60

Result

50.00

SPK value

50.00

100.0

100.0

RunNo: 1576 SeaNo: 44254

Units: mg/Kg

118

HighLimit

%RPD

%RPD

11.5

%RPD

RPDLimit

Qual S

Sample ID 1203662-011BMS SampType: MS 71.9

%REC

TestCode: EPA Method 300.0: Anions

LowLimit

74.6

Client ID: BatchQC

Batch ID: 1150 Analysis Date: 3/20/2012 RunNo: 1576

20

Analyte Chloride

Prep Date:

3/20/2012

Result PQL 180 30 SPK value SPK Ref Val

SeqNo: 44256 %REC

17.1

LowLimit

74.6

74.6

TestCode: EPA Method 300.0: Anions

Units: mg/Kg

118

HighLimit

RPDLimit

Qual

S

Sample ID 1203662-011BMSD

SampType: MSD

TestCode: EPA Method 300.0: Anions

Client ID:

BatchQC 3/20/2012 Batch ID: 1150

Analysis Date: 3/20/2012

30

RunNo: 1576

SeaNo: 44257

Units: ma/Ka

Analyte Chloride

Prep Date:

Result 220 PQL

SPK value SPK Ref Val 160.9

%REC 59.7

LowLimit 74.6

%RPD HighLimit 118 21.4 **RPDLimit**

Qual 20 SR

Qualifiers:

Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits Analyte detected in the associated Method Blank

Η Holding times for preparation or analysis exceeded

Page 2 of 6

R RPD outside accepted recovery limits ND Not Detected at the Reporting Limit Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

WO#: 1203690

22-Mar-12

Client:

Animas Environmental Services

Project:	COP Lod	lewick #8									
Sample ID	MB-1156	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015B: Dies	el Range (Organics	
Client ID:	PBS	Batch	ID: 11	56	F	RunNo: 1	561				
Prep Date:	3/20/2012	Analysis D	ate: 3/	20/2012		SeqNo: 4	3858	Units: mg/k	C g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	Organics (DRO)	ND	10								
Surr: DNOP		9.5		10.00		95.4	77.4	131			
Sample ID	LCS-1156	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015B: Dies	el Range (Organics	
Client ID:	LCSS	Batch	ID: 11	56	F	tunNo: 1	561				
Prep Date:	3/20/2012	Analysis D	ate: 3/	20/2012	S	SeqNo: 4	3872	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	48	10	50.00	0	95.6	62.7	139			
Surr: DNOP		4.9		5.000		98.9	77.4	131			
Sample ID	1203662-001AMS	SampT	уре: МS	3	Tes	Code: El	PA Method	8015B: Dies	el Range C	Organics	
Client ID:	BatchQC	Batch	ID: 11	56	R	tunNo: 1	561				
Prep Date:	3/20/2012	Analysis D	ate: 3/	21/2012	S	eqNo: 4	4803	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	49	10	50.56	0	96.1	57.2	146			
Surr: DNOP		5.0		5.056		99.9	77.4	131			
Sample ID	1203662-001AMS	SampT	уре: МS	SD	Test	Code: EF	PA Method	8015B: Dies	el Range C	Organics	
Client ID:	BatchQC	Batch	ID: 11	56	R	unNo: 1	561				
Prep Date:	3/20/2012	Analysis Da	ate: 3/	21/2012	S	eqNo: 4	4804	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	48	10	51.28	0	93.8	57.2	146	0.919	26.7	
Surr: DNOP		4.9		5.128		95.2	77.4	131	0	0	

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

RPD outside accepted recovery limits

Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND

Reporting Detection Limit

Page 3 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: 1203690

22-Mar-12

Client:

Animas Environmental Services

Project:

COP Lodewick #8

Sample ID B 32	SampT	уре: М Е	BLK	Tes	TestCode: EPA Method 8015B: Gasoline Range							
Client ID: PBS	Batcl	n ID: R1	589	F	RunNo: 1	589						
Prep Date:	Analysis D	Date: 3/	21/2012	8	SeqNo: 4	5224	Units: mg/k	(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Range Organics (GRO)	ND	5.0										
Surr: BFB	950		1,000		95.1	69.7	121					

Samp1	ype: LC	S	Tes	tCode: E	PA Method	8015B: Gasc	oline Rang	е	
Batcl	n ID: R1	589	F	RunNo: 1	589				
Analysis D	oate: 3/	21/2012	5	SeqNo: 4	5225	Units: mg/K	(g		
Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
27	5.0	25.00	0	109	98.5	133			
1,000		1,000		101	69.7	121			
	Batcl Analysis D Result 27	Batch ID: R1 Analysis Date: 3/ Result PQL 27 5.0	Batch ID: R1589 Analysis Date: 3/21/2012 Result PQL SPK value 27 5.0 25.00	Batch ID: R1589 F Analysis Date: 3/21/2012 S Result PQL SPK value SPK Ref Val 27 5.0 25.00 0	Batch ID: R1589 RunNo: 1 Analysis Date: 3/21/2012 SeqNo: 4 Result PQL SPK value SPK Ref Val %REC 27 5.0 25.00 0 109	Batch ID: R1589 RunNo: 1589 Analysis Date: 3/21/2012 SeqNo: 45225 Result PQL SPK value SPK Ref Val %REC LowLimit 27 5.0 25.00 0 109 98.5	Batch ID: R1589 RunNo: 1589 Analysis Date: 3/21/2012 SeqNo: 45225 Units: mg/H Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit 27 5.0 25.00 0 109 98.5 133	Batch ID: R1589 RunNo: 1589 Analysis Date: 3/21/2012 SeqNo: 45225 Units: mg/Kg Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD 27 5.0 25.00 0 109 98.5 133	Batch ID: R1589 RunNo: 1589 Analysis Date: 3/21/2012 SeqNo: 45225 Units: mg/Kg Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit 27 5.0 25.00 0 109 98.5 133 T33

Sample ID 1	203689-001A MS	SampT	ype: MS	10 F:	Tes	tCode: El	PA Method	8015B: Gaso	line Rang	е	
Client ID: B	BatchQC	Batch	ID: R1	589	F	RunNo: 1	589				
Prep Date:		Analysis D	ate: 3/	21/2012	S	SeqNo: 4	5232	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range (Organics (GRO)	28	5.0	25.00	0	112	85.4	147			
Surr: BFB		1,000		1,000		101	69.7	121			

Sample ID 1203689-001A	MSD SampT	уре: М	SD	Tes	tCode: E	PA Method	8015B: Gaso	line Rang	е	
Client ID: BatchQC	Batch	ID: R1	589	F	RunNo: 1	589				
Prep Date:	Analysis D	ate: 3/	21/2012	8	SeqNo: 4	5234	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	104	85.4	147	7.40	19.2	
Surr: BFB	1,000		1,000		101	69.7	121	0	0	

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 4 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: 1203690

22-Mar-12

Client:

Animas Environmental Services

1.1

3.4

1.1

0.050

0.10

1.000

3.000

1.000

Project:

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

COP Lodewick #8

Sample ID 5	ML RB	SampT	уре: МЕ	BLK	Tes	tCode: El	iles				
Client ID: P	PBS	Batch	ID: R1	568	F	RunNo: 1					
Prep Date:		Analysis D	ate: 3/	20/2012	5	SeqNo: 4	4011	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.050								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Bromoff	fluorobenzene	0.87		1.000		87.4	80	120			
Sample ID 1	00NG BTEX LCS	SampT	ype: LC	s	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: L	css	Batch	ID: R1	568	F	RunNo: 1	568				
Prep Date:		Analysis D	ate: 3/	20/2012	8	SeqNo: 4	4012	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	105	83.3	107			
Toluene		1.1	0.050	1.000	0	113	74.3	115			

Sample ID 1203687-001A M	S Samp	Type: MS	3	Tes						
Client ID: BatchQC	Bato	h ID: R1	568	F	RunNo: 1	568				
Prep Date:	Analysis I	Date: 3/	20/2012	S	SeqNo: 4	4527	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.75	0.050	0.7342	0	102	67.2	113			
Toluene	0.83	0.050	0.7342	0.03825	108	62.1	116			
Ethylbenzene	0.94	0.050	0.7342	0.03561	123	67.9	127			
Xylenes, Total	3.2	0.10	2.203	0.3965	125	60.6	134			
Surr: 4-Bromofluorobenzene	1.1		0.7342		144	80	120			S

0

0

113

113

108

80.9

85.2

80

122

123

120

Sample ID 1203687-001A N	/ISD SampT	ype: MS	SD	Tes						
Client ID: BatchQC	Batch	n ID: R1	568	F	RunNo: 1	568				
Prep Date:	Analysis D	ate: 3/	20/2012	S	SeqNo: 4	4529	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.72	0.050	0.7342	0	97.7	67.2	113	4.05	14.3	
Toluene	0.79	0.050	0.7342	0.03825	102	62.1	116	5.39	15.9	
Ethylbenzene	0.89	0.050	0.7342	0.03561	116	67.9	127	5.24	14.4	
Xylenes, Total	3.0	0.10	2.203	0.3965	120	60.6	134	3.54	12.6	
Surr: 4-Bromofluorobenzene	1.1		0.7342		146	80	120	0	0	S

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 5 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: 1203690

Qual

22-Mar-12

Client:

Animas Environmental Services

Project:

COP Lodewick #8

Sample ID 1203749-001A MS

SampType: MS

TestCode: EPA Method 8021B: Volatiles

80

Client ID:

BatchQC

Batch ID: R1589

RunNo: 1589

Prep Date:

Analysis Date: 3/21/2012

PQL

SeqNo: 45256

Units: %REC

Analyte

Prep Date:

Analyte

Result 2.0 SPK value SPK Ref Val

2.000

%REC LowLimit HighLimit

120

Sample ID 1203749-001A MSD

Surr: 4-Bromofluorobenzene

SampType: MSD

TestCode: EPA Method 8021B: Volatiles

101

Client ID: BatchQC Batch ID: R1589

RunNo: 1589

Analysis Date: 3/21/2012

SeqNo: 45258

Units: %REC

SPK value SPK Ref Val %REC Result **PQL**

%RPD **RPDLimit** Qual

RPDLimit

2.000

102

LowLimit

80

HighLimit 120

0

Surr: 4-Bromofluorobenzene

2.0

%RPD

Qualifiers:

R

*/X Value exceeds Maximum Contaminant Level.

Ε Value above quantitation range

J Analyte detected below quantitation limits RPD outside accepted recovery limits

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit Reporting Detection Limit

Page 6 of 6



Hall Environmental Analysis Laboratory 4901 Hawkins Nr.

Albuquerque, NM 87105 TEL: 505-345-3975 FAX: 505-345-4107

Sample Log-In Check List

Website: www.hallenvironmental.com Animas Environmental Client Name: Work Order Number: 1203690 Received by/date: NG Logged By: Lindsay Mangin 3/20/2012 9:55:00 AM Completed By: Lindsay Mangin 3/20/2012 10:12:35 AM Reviewed By: Chain of Custody 1 Were seals intact? Yes No Not Present ✓ 2. Is Chain of Custody complete? No Not Present Yes V 3. How was the sample delivered? FedEx Log In 4. Coolers are present? (see 19. for cooler specific information) NA Yes 5. Was an attempt made to cool the samples? No NA Were all samples received at a temperature of >0° C to 6.0°C No NA 7 Sample(s) in proper container(s)? 8 Sufficient sample volume for indicated test(s)? No 9. Are samples (except VOA and ONG) properly preserved? Yes No 10. Was preservative added to bottles? No V NA Yes No VOA Vials V 11, VOA vials have zero headspace? No Yes 12. Were any sample containers received broken? No v Yes # of preserved 13. Does paperwork match bottle labels? No bottles checked (Note discrepancies on chain of custody) for pH: 14. Are matrices correctly identified on Chain of Custody? No (<2 or >12 unless noted) 15. Is it clear what analyses were requested? Adjusted? No 16. Were all holding times able to be met? Yes ✓ No (If no, notify customer for authorization.) Checked by: Special Handling (if applicable) 17. Was client notified of all discrepancies with this order? NA V Yes No Person Notified: Date: By Whom: Via: eMail Phone Fax In Person Regarding: Client Instructions: 18. Additional remarks: 19 Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date

Good

1	HALL ENVIKONMENTAL ANALYSIS LABORATORY	www.hallenvironmental.com	ins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	Analysis Request			(1.40) (HA son,e saos	od 5d or Pals tals dess dess dess	EDB (Methors (PNA or PNA) OF BA	**						15:11 to COP bot: Eliner Perry CHI INDIANA	اللا الله مراد با الله
Turn-Around Time:	□ Standard □ Rush SHME 0ay	Project Name: Cop	Lode wick # 8 4901 Hawkins NE			(մյս	(Gas oi	H9T +	ENDER STATE	r Preservative ## Type PT PT PT PT PT PT PT P	(2) Somit Tee/Meth -OO! X X						Received by: Sold By Sold By State Time Remarks: (Sr. My That L. Of By Date Time	05/20 12
Chain-of-Custody Record	Client: Animas Env. Services		Mailing Address: 624 E. Comuniche	termination, Nym	Phone #: 505- Sby- 34-81	email or Fax#:	QA/QC Package:	Accreditation	□ EDD (Type)	Date Time Matrix Sample Request ID	3-19-13 long Soil Sc-1						Date: Time: Relinquished by: 19-13 144	- 1758



Report for:

Lavina Lamone Tiis Ya Toh, Inc PO Box 360 La Plata, NM 87418

Regarding:

Project: Conoco; Lodewick #8

EMĹ ID: 901392

Approved by:

Dates of Analysis: Asbestos-EPA Method 600/R-93/116: 03-20-2012

Approved Signatory Renee Oprisa

Service SOPs: Asbestos-EPA Method 600/R-93/116 (EPA-600/M4-82-020 (SOP 01264))

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the items tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data can be provided when requested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Document Number: 200091 - Revision Number: 5

3

3

Lab ID Vargiont: 4007719 1

1501 West Knudsen Drive, Phoenix, AZ 85027

(800) 651-4802 Fax (623) 780-7695 www.emlab.com

Client: Tiis Ya Toh, Inc C/O: Lavina Lamone Re: Conoco: Lodewick #8 Date of Sampling: 03-19-2012 Date of Receipt: 03-20-2012 Date of Report: 03-20-2012

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Total Samples Submitted:

Total Samples Analysed: 3

Total Samples with Layer Asbestos Content > 1%:

Location: 1. COP L 8 #1. Front Plate

Location: 1, COP L 8 #1 Front Plate	Lab ID-Version‡: 4007717-1
Sample Layers	Asbestos Content
Gray Semi-Fibrous Material	50% Chrysotile
Composite Non-Asbestos Fibrous Content:	2% Cellulose
Sample Composite Homogeneity:	Good

Locations 2 CODI 042 Dumon

Location. 2, Cor Long Burner	Eat 15- Yelsion 4. 4007/10-1
Sample Layers	Asbestos Content
Gray Semi-Fibrous Material	50% Chrysotile
Composite Non-Asbestos Fibrous Content:	2% Cellulose
Sample Composite Homogeneity:	Good

Location: 3 COPL 8#3 Stack On Ground

Location: 3, COP L 8 # 3 Stack On Ground	Lab ID-Version‡: 4007719-1
Sample Layers	Asbestos Content
Gray Semi-Fibrous Material	60% Chrysotile
Composite Non-Asbestos Fibrous Content:	2% Cellulose
Sample Composite Homogeneity:	Good

The results relate only to the items tested. Interpretation is left to the company and/or persons who conducted the field work. The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

All samples were received in acceptable condition unless otherwise noted. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. ‡ \(\Lambda\) "Version" indicated by "x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x". Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually, ND means no fibers were detected. When



