District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St Francis Dr , Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

30-045-26740

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company **Burlington Resources, a Wholly Owned Subsidiary of ConocoPhillips Company**		Contact **Kelsi Harrington**	
Address **3401 E. 30th St., Farmington, NM 87402**		Telephone No. **505-599-3403**	
Facility Name **State Unicon Com 1A**		Facility Type **Gas Well**	**API# 3004526740**
Surface Owner **State**	Mineral Owner **State**		Lease No. **E-6635-3**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	**16**	**28N**	**09W**	**1028'**	**North**	**1120'**	**East**	**San Juan**

Latitude 36.66638° N **Longitude -107.78842° W**

NATURE OF RELEASE

Type of Release – **Unknown**	Volume of Release – **Unknown**	Volume Recovered –
Source of Release **Below Grade Tank**	Date and Hour of Occurrence **Unknown**	Date and Hour of Discovery **10/7/10**
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	RCVD NOV 24 '10 OIL CONS. DIV. DIST. 3
By Whom?	Date and Hour –	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse	

If a Watercourse was Impacted, Describe Fully *

Describe Cause of Problem and Remedial Action Taken.* **Below grade tank closure activities.**

Describe Area Affected and Cleanup Action Taken.* **The below grade tank sample results were above the regulatory standard by USEPA method 418.1 for TPH and Organic Vapors, confirming a release. The sample was then transported to the lab and analytical results were below the regulatory standards set forth in the NMOCD Guidelines for Remediation of Leaks, Spills and Releases; therefore no further action is required.**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations

Signature Kelsi Harrington	OIL CONSERVATION DIVISION
Printed Name: **Kelsi Harrington**	Approved by District Supervisor: Jonathan D. Kelly
Title **Environmental Consultant**	Approval Date 3/06/2012 Expiration Date.
E-mail Address. **kelsi.g.harrington@conocophillips.com**	Conditions of Approval. Attached ☐
Date: **11/3/10** Phone **505-599-3403**	

* Attach Additional Sheets If Necessary

nJK1206637006

RCVD NOV 24 '10
OIL CONS. DIV.
DIST. 3

November 8, 2010

Project No. 92115-1457

Ms. Kelsi Harrington
ConocoPhillips
3401 East 30th Street
Farmington, New Mexico 87401

Phone: (505) 599-3403

RE: BELOW-GRADE TANK CLOSURE DOCUMENTATION FOR THE STATE UNICON COM UNIT 1A (HBR) WELL SITE, SAN JUAN COUNTY, NEW MEXICO

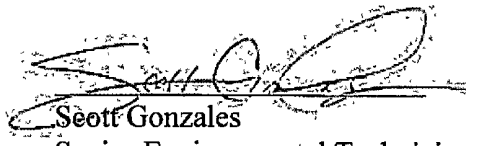
Dear Ms. Harrington,

Enclosed please find the field notes and analytical results for below-grade tank (BGT) closure activities performed at the State Unicon Com Unit 1A (hBr) well site located in Section 16, Township 28 North, Range 9 West, San Juan County, New Mexico. The BGT was removed prior to Envirotech personnel's arrival on October 7, 2010. One (1) five (5)-point composite sample was collected from beneath the former BGT. The sample was analyzed in the field for total petroleum hydrocarbons (TPH) using USEPA Method 418.1, for organic vapors using a photoionization detector (PID) and for chlorides. Additionally, the sample was placed into a four (4)-ounce glass jar, capped headspace free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory to be analyzed for TPH using USEPA Method 8015, for benzene and BTEX using USEPA Method 8021 and for total chlorides using USEPA Method 4500. The sample returned results below the regulatory standards for chlorides but above the regulatory standard of 100 parts per million (ppm) TPH using USEPA Method 418.1, confirming a release did occur.

A brief site assessment was conducted and the regulatory standards were determined to be 5000 ppm TPH and 100 ppm organic vapors due to horizontal distance to surface water being greater than 1000 feet and depth to groundwater being greater than 100 feet, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Spills, Leaks, and Releases. The sample from beneath the former BGT returned results below the regulatory standards for benzene and BTEX using USEPA Method 8021 and TPH using USEPA Method 8015; see attached ***Analytical Results***. Envirotech, Inc. recommends no further action in regards to this incident.

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully submitted,
ENVIROTECH, INC.



Scott Gonzales
Senior Environmental Technician
sgonzales@envirotech-inc.com

Enclosures: Analytical Results
Field Notes

Cc: Client File 92115

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	92115-1457
Sample No.:	1	Date Reported:	10/13/2010
Sample ID:	5 Pt. Composite	Date Sampled:	10/7/2010
Sample Matrix:	Soil	Date Analyzed:	10/7/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**612**	**5.0**

ND = Parameter not detected at the stated detection limit.

RCVD NOV 24 '10
OIL CONS. DIV.
DIST. 3

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **State Unicon Com Unit 1A (hBr)**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Scott Gonzales
Printed

Review

Sarah Rowland, EIT
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505)632-0615 Fr (800)362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 7-Oct-10

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	206
	500	
	1000	

RCVD NOV 24 '10
OIL CONS. DIV.
DIST. 3

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Analyst

10/13/2010
Date

Scott Gonzales
Print Name

Review

10/13/2010
Date

Sarah Rowland, EIT
Print Name

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

Field Chloride

Client:	ConocoPhillips	Project #:	92115-1457
Sample No.:	1	Date Reported:	10/13/2010
Sample ID:	5 Pt. Composite	Date Sampled:	10/7/2010
Sample Matrix:	Soil	Date Analyzed:	10/7/2010
Preservative:	Cool	Analysis Needed:	Chloride
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Field Chloride	**62**	**33.0**

ND = Parameter not detected at the stated detection limit.

References: "Standard Methods for the Examination of Water and Wastewater", 18th ed., 1992
Hach Company Quantab Titrators for Chloride

RCVD NOV 24 '10
OIL CONS. DIV.
DIST. 3

Comments: **State Unicon Com Unit 1A**

Analyst

Scott Gonzales
Printed

Review

Sarah Rowland, EIT
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech
Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	92115-1457
Sample ID:	5 Pt Comp	Date Reported:	10-08-10
Laboratory Number:	56112	Date Sampled:	10-07-10
Chain of Custody No:	10495	Date Received:	10-07-10
Sample Matrix:	Soil	Date Extracted:	10-08-10
Preservative:	Cool	Date Analyzed:	10-08-10
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **State Unicon Com #1A**

RCVD NOV 24 '10
OIL CONS. DIV.
DIST. 3

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

envirotech
Analytical Laboratory

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-08-10 QA/QC	Date Reported:	10-08-10
Laboratory Number.	56111	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-08-10
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	10-08-10	9.9960E+002	1.0000E+003	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	10-08-10	9.9960E+002	1.0000E+003	**0.04%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**ND**	**ND**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**259**	**104%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 56111-56112**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

envirotech
Analytical Laboratory

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	92115-1457
Sample ID:	5 Pt Comp	Date Reported:	10-08-10
Laboratory Number:	56112	Date Sampled:	10-07-10
Chain of Custody:	10495	Date Received:	10-07-10
Sample Matrix:	Soil	Date Analyzed:	10-08-10
Preservative:	Cool	Date Extracted:	10-08-10
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	10

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**1.1**	**0.9**
Toluene	**ND**	**1.0**
Ethylbenzene	**7.7**	**1.0**
p,m-Xylene	**174**	**1.2**
o-Xylene	**9.0**	**0.9**
Total BTEX	**192**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**101 %**
	1,4-difluorobenzene	**100 %**
	Bromochlorobenzene	**97.9 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **State Unicon Com #1A**

RCVD NOV 24 '10
OIL CONS. DIV.
DIST. 3

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505)632-0615 Fr (800)362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

envirotech
Analytical Laboratory

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	1008BBLK QA/QC	Date Reported:	10-08-10
Laboratory Number:	56111	Date Sampled:	N/A
Sample Matrix.	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-08-10
Condition:	N/A	Analysis:	BTEX
		Dilution:	10

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	4.3621E+005	4.3708E+005	0.2%	ND	0.1
Toluene	5.2582E+005	5.2687E+005	0.2%	ND	0.1
Ethylbenzene	4.6654E+005	4.6748E+005	0.2%	ND	0.1
p,m-Xylene	1.1090E+006	1.1112E+006	0.2%	ND	0.1
o-Xylene	4.1878E+005	4.1962E+005	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	1.0
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.0
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.2
o-Xylene	ND	ND	0.0%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	500	497	99.3%	39 - 150
Toluene	ND	500	493	98.6%	46 - 148
Ethylbenzene	ND	500	503	101%	32 - 160
p,m-Xylene	ND	1000	1,010	101%	46 - 148
o-Xylene	ND	500	504	101%	46 - 148

ND - Parameter not detected at the stated detection limit.

Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

References. Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for Samples 56111-56112**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

envirotech
Analytical Laboratory

Chloride

Client:	ConocoPhillips	Project #:	92115-1457
Sample ID:	5 Pt Comp	Date Reported:	10-08-10
Lab ID#:	56112	Date Sampled:	10-07-10
Sample Matrix:	Soil	Date Received:	10-07-10
Preservative:	Cool	Date Analyzed:	10-08-10
Condition:	Intact	Chain of Custody:	10495

Parameter	Concentration (mg/Kg)
Total Chloride	**55**

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **State Unicon Com #1A**

RCVD NOV 24 '10
OIL CONS. DIV.
DIST. 3

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

RUSH

CHAIN OF CUSTODY RECORD

10495

Client:	Project Name / Location:
ConocoPhillips	State Union Com #1A
Client Address:	**Sampler Name:**
	Scott G.
Client Phone No.:	**Client No.:**
	92115-1457

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative: $HgCl_2$	Preservative: HCl	Preservative: Ice	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
5pt Comp	10-7-10	11:30	51612	(Soil) Sludge Solid Aqueous	1-4oz			✓	✓	✓								✓				Y	Y
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous															RCVD NOV 24 10 OIL CONS. DIV. DIST. 3				
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Scott Gordon	10-7-10	16:20	Luke C. Potter	10.7.10	16:20
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

RUSH

envirotech
Analytical Laboratory
5796 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • lab@envirotech-inc.com

ACCENT Printing • Form 28-0807