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

30-039-29407

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 **San Juan 30-6 Unit 423S**		Facility Type **Gas Well**	**API# 3003929407**
Surface Owner **Federal**	Mineral Owner **Federal**		Lease No. **NMSF-02151**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	**28**	**30N**	**07W**	**880'**	**South**	**550'**	**East**	**Rio Arriba**

Latitude 36.778817° N Longitude -107.568578° 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 **10/26/10**
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	RCVD NOV 24 '10 OIL CONS. DIV.
By Whom?	Date and Hour –	DIST. 3
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 for Chlorides, confirming a release. The sample was then transported to the lab and analytical results were at 330 ppm. As the approximate depth to groundwater is 135', there is no adverse environmental impact; 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

nJK1206636876

envirotech

November 8, 2010 Project No. 92115-1474

Ms. Kelsi Harrington
ConocoPhillips
3401 East 30th Street
Farmington, New Mexico 87401 Phone: (505) 599-3403

RE: BELOW GRADE TANK CLOSURE DOCUMENTATION FOR THE SAN JUAN 30-6 UNIT 423S (HBR) WELL SITE, RIO ARRIBA COUNTY, NEW MEXICO

Dear Ms. Harrington,

Enclosed please find the field notes and analytical results for below grade tank (BGT) closure activities conducted at the San Juan 30-6 Unit 423S (hBr) well site located in Section 28, Township 30 North, Range 7 West, Rio Arriba County, New Mexico. Upon Envirotech's arrival on October 25, 2010, one (1) five (5)-point composite sample was collected from directly beneath the BGT; see attached ***Field Notes***. The sample was analyzed in the field for total petroleum hydrocarbons (TPH) using USEPA Method 418.1, screened 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 benzene and BTEX using USEPA Method 8021 and for total chlorides using USEPA Method 4500. The sample returned results below the regulatory limits for all constituents analyzed, confirming a release did not occur; 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.

Rene Garcia
Senior Environmental Field Technician
rgarcia@envirotech-inc.com

Enclosures: Field Notes
Analytical Results

Cc: Client File 92115

PAGE NO: 1 OF 1

DATE STARTED: 10-25-10
DATE FINISHED: 10-25-10

ENVIROTECH INC

ENVIRONMENTAL SCIENTISTS & ENGINEERS
5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

ENVIRONMENTAL SPECIALIST: Rone

LAT: 36° 46.7290'N
LONG: 107°34.1147'W

FIELD REPORT: BGT / PIT CLOSURE VERIFICATION

LOCATION: NAME: San Juan 30-6 WELL #: 423S TEMP PIT: PERMANENT PIT: BGT: ✓
LEGAL ADD: UNIT: P SEC: 28 TWP: 30N RNG: 7W PM:
QTR/FOOTAGE: 880'S & 550'E CNTY: Rio Arriba ST: New Mexico

EXCAVATION APPROX: FT. X FT. X FT. DEEP CUBIC YARDAGE:
DISPOSAL FACILITY: REMEDIATION METHOD:
LAND OWNER: API: 300392940 7 BGT / PIT VOLUME:
CONSTRUCTION MATERIAL: DOUBLE-WALLED, WITH LEAK DETECTION:

LOCATION APPROXIMATELY: 75 FT. FROM WELLHEAD
DEPTH TO GROUNDWATER: 135'

___ TEMPORARY PIT - GROUNDWATER 50-100 FEET DEEP
BENZENE ≤ 0.2 mg/kg, BTEX ≤ 50 mg/kg, GRO & DRO FRACTION (8015) ≤ 500 mg/kg, TPH (418.1) ≤ 2500 mg/kg, CHLORIDES ≤ 500 mg/kg

___ TEMPORARY PIT - GROUNDWATER ≥100 FEET DEEP
BENZENE ≤ 0.2 mg/kg, BTEX ≤ 50 mg/kg, GRO & DRO FRACTION (8015) ≤ 500 mg/kg, TPH (418.1) ≤ 2500 mg/kg, CHLORIDES ≤ 1000 mg/kg

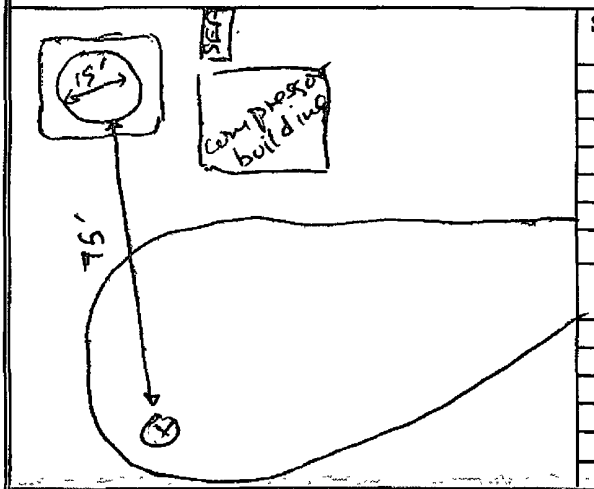
✓ PERMANENT PIT OR BGT
BENZENE ≤ 0.2 mg/kg, BTEX ≤ 50 mg/kg, TPH (418.1) ≤ 100 mg/kg, CHLORIDES ≤ 250 mg/kg

FIELD 418.1 ANALYSIS

TIME	SAMPLE I.D	LAB NO.	WEIGHT (g	mL FREON	DILUTION	READING	CALC. (mg/kg)
12:00	200 STD		-	-	-	200	
12:15	BGT	1	5	20	x4	20	80
		2					
		3					
		4					
		5					
		6					

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

PERIMETER



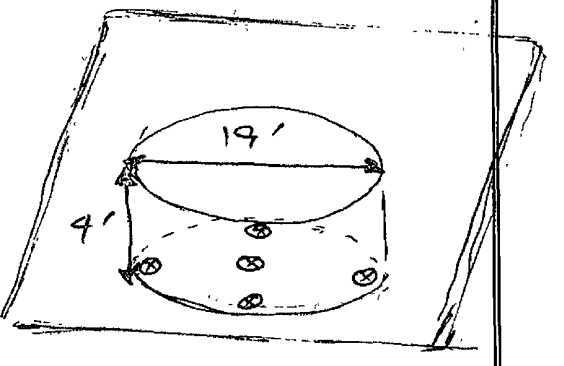
FIELD CHLORIDES RESULTS

SAMPLE ID	READING	CALC. (mg/kg)
BGT	0.6	ND

PID RESULTS

SAMPLE ID	RESULTS (mg/kg)
BGT	ND

PROFILE



⊗ sampled points

LAB SAMPLES

SAMPLE ID	ANALYSIS	RESULTS
	BENZENE	
	BTEX	
	GRO & DRO	
	CHLORIDES	

NOTES: Lease: NMNM-02151

WORKORDER # WHO ORDERED

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	92115-1474
Sample No.:	1	Date Reported:	10/28/2010
Sample ID:	BGT	Date Sampled:	10/25/2010
Sample Matrix:	Soil	Date Analyzed:	10/25/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**80**	**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: **San Juan 30-6 Unit 423S (hBR)**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Rene Garcia
Printed

Review

Sarah Rowland, EIT
Printed

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CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 25-Oct-10

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	200
	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

10/28/2010
Date

Rene Garcia
Print Name

Review

10/28/2010
Date

Sarah Rowland, EIT
Print Name

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Field Chloride

Client:	ConocoPhillips	Project #:	92115-1474
Sample No.:	1	Date Reported:	10/28/2010
Sample ID.	BGT	Date Sampled:	10/25/2010
Sample Matrix:	Soil	Date Analyzed:	10/25/2010
Preservative:	Cool	Analysis Needed:	Chloride
Condition:	Cool and Intact		

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

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

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

Comments: **San Juan 30-6 Unit 423S (hBR)**

Analyst

Review

Rene Garcia
Printed

Sarah Rowland, EIT
Printed

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	92115-1474
Sample ID:	BGT	Date Reported:	10-26-10
Laboratory Number:	56293	Date Sampled:	10-25-10
Chain of Custody:	10605	Date Received:	10-25-10
Sample Matrix:	Soil	Date Analyzed:	10-26-10
Preservative:	Cool	Date Extracted:	10-26-10
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	10

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

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**103 %**
	1,4-difluorobenzene	**102 %**
	Bromochlorobenzene	**101 %**

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: **San Juan 30-6 #423S (hBr)/BGT Closure**

Analyst

Review

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	1026BBLK QA/QC	Date Reported:	10-26-10
Laboratory Number.	56291	Date Sampled:	N/A
Sample Matrix:	Solid	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-26-10
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	5.3347E+005	5.3454E+005	**0.2%**	**ND**	**0.1**
Toluene	6.0597E+005	6.0719E+005	**0.2%**	**ND**	**0.1**
Ethylbenzene	5.4740E+005	5.4850E+005	**0.2%**	**ND**	**0.1**
p,m-Xylene	1.3052E+006	1.3078E+006	**0.2%**	**ND**	**0.1**
o-Xylene	4.9582E+005	4.9682E+005	**0.2%**	**ND**	**0.1**

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	**3.2**	**3.3**	**3.1%**	**0 - 30%**	**0.9**
Toluene	**52.9**	**53.6**	**1.3%**	**0 - 30%**	**1.0**
Ethylbenzene	**101**	**98.5**	**2.1%**	**0 - 30%**	**1.0**
p,m-Xylene	**129**	**129**	**0.0%**	**0 - 30%**	**1.2**
o-Xylene	**26.8**	**26.5**	**1.1%**	**0 - 30%**	**0.9**

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	**3.2**	**500**	**510**	**101%**	**39 - 150**
Toluene	**52.9**	**500**	**557**	**101%**	**46 - 148**
Ethylbenzene	**101**	**500**	**608**	**101%**	**32 - 160**
p,m-Xylene	**129**	**1000**	**1,130**	**100%**	**46 - 148**
o-Xylene	**26.8**	**500**	**526**	**100%**	**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 56291-56293, 56295-56296, 56298-56302**

Analyst

Review

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Analytical Laboratory

Chloride

Client:	ConocoPhillips	Project #:	92115-1474
Sample ID:	BGT	Date Reported:	10-26-10
Lab ID#:	56293	Date Sampled:	10-25-10
Sample Matrix:	Soil	Date Received:	10-25-10
Preservative:	Cool	Date Analyzed:	10-26-10
Condition:	Intact	Chain of Custody:	10605

Parameter	Concentration (mg/Kg)
Total Chloride	**330**

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: **San Juan 30-6 #423S (hBr)/BGT Closure**

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

Analyst

Review

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CHAIN OF CUSTODY RECORD

10605

Client:	Project Name / Location:	ANALYSIS / PARAMETERS
COPC	San Juan 30-6 #423 S(Lbr)/BGT Closure	
Client Address:	Sampler Name:	
	René García Reyes	
Client Phone No.:	Client No.:	
	92115-1474	

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative: $HgCl_2$	Preservative: HCl	Preservative: #	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
BGT	10-25-10	12:15	56293	(Soil) Solid Sludge Aqueous	402			X		X								X				X	X
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous															RCVD NOV 24 '10				
				Soil Solid Sludge Aqueous															OIL CONS. DIV.				
				Soil Solid Sludge Aqueous															DIST. 3				
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10-25-10	13:35	Irene Morgan	10/25/10	13:35
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

RUSH

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Analytical Laboratory
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