

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

#### OPERATOR

☐ Initial Report

☒ Final Report

Name of Company	<b>Burlington Resources, a wholly owned subsidiary of ConocoPhillips Company</b>	Contact	<b>Gwen R. Frost</b>
Address	<b>3401 E. 30<sup>th</sup> St., Farmington, NM 87402</b>	Telephone No.	<b>505-326-9549</b>
Facility Name	<b>Huerfano Unit No. 13</b>	Facility Type	<b>Gas Well</b>
Surface Owner	<b>Federal</b>	Mineral Owner	<b>Federal</b>
		Lease No.	<b>SF-078135</b>
		API #	<b>30-045-06000</b>

#### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
<b>N</b>	<b>1</b>	<b>T26N</b>	<b>R09W</b>	<b>990'</b>	<b>South</b>	<b>1650'</b>	<b>West</b>	<b>San Juan</b>

Latitude **36.512440° N** Longitude **107.743480° W**

#### NATURE OF RELEASE

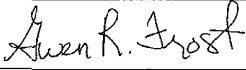
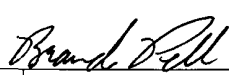
Type of Release – <b>Produced water &amp; Condensate</b>	Volume of Release – <b>19 BBL produced water &amp; 1 BBL condensate</b>	Volume Recovered – <b>0 BBL</b>
Source of Release: <b>Water pit tank overflow</b>	Date and Hour of Occurrence <b>Unknown</b>	Date and Hour of Discovery <b>5/17/09 – 12:30 p.m.</b>
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? <b>OCD - Brandon Powell via e-mail</b> <b>BLM - Kevin Schneider via e-mail</b>	<b>RCVD JUN 19 '09</b> <b>OIL CONS. DIV.</b>
By Whom? <b>Gwen Frost</b>	Date and Hour – <b>5/19/09 – 4:30 p.m.</b>	<b>DIST. 3</b>
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\* **On May 17, 2009, a COPC employee discovered water pit tank had overflowed into the berm. An approximate 19 BBL produced water & 1 BBL condensate was released to the ground. Upon discovery, the MSO shut in the well & notified water truck to pull the tank. All spilled fluids remained in the berm. None of the fluids were recovered.**

Describe Area Affected and Cleanup Action Taken.\* **All of the spilled fluids remained on location in the berm. The water pit tank tank was removed and affected soils were excavated. Approximately 84 yd3 of impacted soil was excavated. The soil was hauled to Envirotech's landfarm. Approximately 40 yd3 of clean backfill was brought back to the location for facility reset. Confirmation sampling was completed by BEST Environmental to confirm that all impacted soil was excavated. To prevent reoccurrence, COPC will continue to monitor tank levels.**

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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: <b>Gwen R. Frost</b>	Approved by District Supervisor:  For: <b>Charlie Perrin</b>	
Title: <b>Environmental Engineer</b>	Approval Date: <b>6/19/09</b>	Expiration Date:
E-mail Address: <b>gwendolynne.frost@conocophillips.com</b>	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <b>6/18/09</b>	Phone: <b>505-326-9549</b>	

\* Attach Additional Sheets If Necessary

nBP0918934323



EPA METHOD 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons

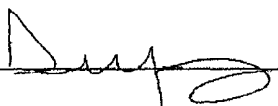
Client:	Burlington	Project #:	92115-0001
Sample ID:	Btm @ 2.5'	Date Reported:	05-26-09
Laboratory Number:	50143	Date Sampled:	05-19-09
Chain of Custody No:	7097	Date Received:	05-20-09
Sample Matrix:	Soil	Date Extracted:	05-21-09
Preservative:	Cool	Date Analyzed:	05-22-09
Condition:	Intact	Analysis Requested:	8015 TPH

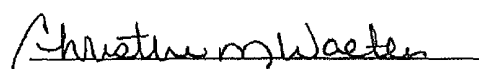
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	16.9	0.1
Total Petroleum Hydrocarbons	16.9	0.2

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: **Huerfanito #13**

Analyst 

Review 



EPA Method 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-22-09 QA/QC	Date Reported:	05-26-09
Laboratory Number:	50143	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-22-09
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	05-07-07	1.0228E+003	1.0232E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0331E+003	1.0335E+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
Total Petroleum Hydrocarbons	ND	0.2

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	16.9	16.9	0.0%	0 - 30%

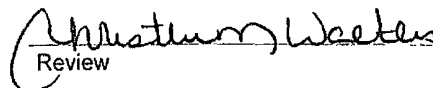
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	252	101%	75 - 125%
Diesel Range C10 - C28	16.9	250	272	102%	75 - 125%

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 50143, 50144, 50152, 50154 - 50156, 50162, and 50165.

Analyst 

Review 



EPA METHOD 8021  
AROMATIC VOLATILE ORGANICS

Client:	Burlington	Project #:	92115-0001
Sample ID:	Btm @ 2.5'	Date Reported:	05-26-09
Laboratory Number:	50143	Date Sampled:	05-19-09
Chain of Custody:	7097	Date Received:	05-20-09
Sample Matrix:	Soil	Date Analyzed:	05-22-09
Preservative:	Cool	Date Extracted:	05-21-09
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	3.2	0.9
Toluene	6.3	1.0
Ethylbenzene	6.6	1.0
p,m-Xylene	11.4	1.2
o-Xylene	6.9	0.9
Total BTEX	34.4	

ND - Parameter not detected at the stated detection limit.

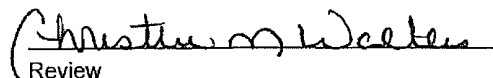
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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: Huerfanito #13

  
Analyst

  
Review

Client:	N/A	Project #:	N/A
Sample ID:	05-22-BT QA/QC	Date Reported:	05-26-09
Laboratory Number:	50143	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-22-09
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	G-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept Range 0 - 15%			
Benzene	7.9338E+005	7.9497E+005	0.2%	ND	0.1
Toluene	7.4484E+005	7.4633E+005	0.2%	ND	0.1
Ethylbenzene	6.6794E+005	6.6928E+005	0.2%	ND	0.1
p,m-Xylene	1.7376E+006	1.7411E+006	0.2%	ND	0.1
o-Xylene	6.4193E+005	6.4322E+005	0.2%	ND	0.1


Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	3.2	3.4	6.3%	0 - 30%	0.9
Toluene	6.3	6.8	7.9%	0 - 30%	1.0
Ethylbenzene	6.6	6.8	3.0%	0 - 30%	1.0
p,m-Xylene	11.4	12.5	9.6%	0 - 30%	1.2
o-Xylene	6.9	7.0	1.4%	0 - 30%	0.9

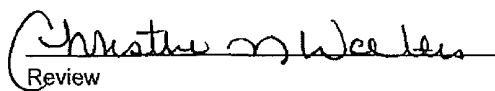
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	3.2	50.0	51.9	97.6%	39 - 150
Toluene	6.3	50.0	54.1	96.1%	46 - 148
Ethylbenzene	6.6	50.0	55.2	97.5%	32 - 160
p,m-Xylene	11.4	100	109	97.8%	46 - 148
o-Xylene	6.9	50.0	55.6	97.7%	46 - 148

ND - Parameter not detected at the stated detection limit.

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 50143, 50144, 50150, 50152, 50154 - 50156, 50162, and 50165.

Analyst 

  
 Review



## Chloride

Client:	Burlington	Project #:	92115-0001
Sample ID:	BTM @ 2.5'	Date Reported:	05-27-09
Lab ID#:	50143	Date Sampled:	05-19-09
Sample Matrix:	Soil	Date Received:	05-20-09
Preservative:	Cool	Date Analyzed:	05-22-09
Condition:	Intact	Chain of Custody:	7097

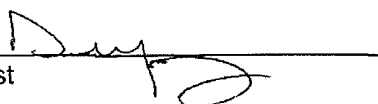
Parameter	Concentration (mg/Kg)
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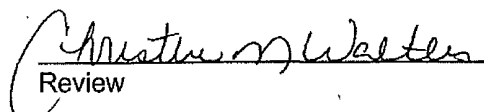
Total Chloride

45

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: Huerfanito #13.

  
Analyst

  
Review

# CHAIN OF CUSTODY RECORD

7097

Client: <u>Burlington</u>			Project Name / Location: <u>HUERTADO # 13</u>			ANALYSIS / PARAMETERS														
Client Address: ✓			Sampler Name: <u>F. Mc DONALD</u>			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	PCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
Client Phone No.:			Client No.: <u>92115-0001</u>																	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative														
<u>BMP 2.5'</u>	<u>5/19/09</u>	<u>14:30</u>	<u>50143</u>	<u>Soil</u> <u>Solid</u>	<u>1</u>														✓	✓
				<u>Sludge</u> <u>Aqueous</u>																
				<u>Soil</u> <u>Solid</u>																
				<u>Sludge</u> <u>Aqueous</u>																
				<u>Soil</u> <u>Solid</u>																
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				<u>Sludge</u> <u>Aqueous</u>																
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<u>STEVE SHAMETS</u> <u>AM2345882/ONKSTENCL</u> <u>T110/70215/HZF3</u>														 <b>envirotech</b> Analytical Laboratory 5796 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • lab@envirotech-inc.com						