

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

OIL CONS. DIV DIST. 3

JUL 06 2015

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Burlington Resources Oil & Gas Company	Contact Lindsay Dumas
Address 3401 East 30th St, Farmington, NM	Telephone No. (505) 599-4089
Facility Name: Huerfanito 92F	Facility Type: Gas
Surface Owner: BLM	Mineral Owner NMSF - 078388
API No. 3004533600	

LOCATION OF RELEASE

Unit Letter N	Section 12	Township 26N	Range 9W	Feet from the 660'	North/South Line FSL	Feet from the 1615'	East/West Line FWL	County San Juan
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Latitude **36.496958** Longitude **-107.744272**

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release Unknown	Volume Recovered 0
Source of Release Pit Tank	Date and Hour of Occurrence Unknown	Date and Hour of Discovery
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

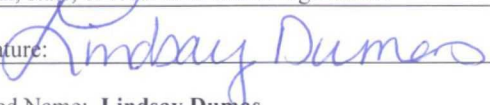
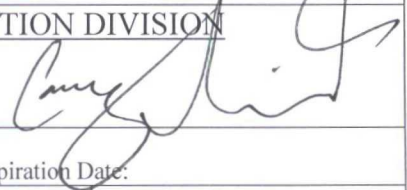
Describe Cause of Problem and Remedial Action Taken.*

Chloride impacted soil was found during the BGT closure for the subject well. Analytical results were below the regulatory standards for soil remediation— no further action required. The soil sampling report is attached for review.

Describe Area Affected and Cleanup Action Taken.*

No further remediation necessary

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: 	OIL CONSERVATION DIVISION	
Printed Name: Lindsay Dumas	Approved by Environmental Specialist: 	
Title: Field Environmental Specialist	Approval Date: 8/12/15	Expiration Date:
E-mail Address: Lindsay.Dumas@conocophillips.com	Conditions of Approval:	Attached ☐
Date: 4/6/2015	Phone: (505) 599-4089	

* Attach Additional Sheets If Necessary

#NCS 1522427984



Analytical Report

Report Summary

Client: ConocoPhillips

Chain Of Custody Number: 16978

Samples Received: 3/20/2015 11:15:00AM

Job Number: 96052-1706

Work Order: P503063

Project Name/Location: Huerfanito 92 F

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Tim Cain', is written over a horizontal line.

Date: 3/31/15

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: Huerfanito 92 F
Project Number: 96052-1706
Project Manager: Lindsay Dumas

Reported:
31-Mar-15 10:50

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BGT	P503063-01A	Soil	03/19/15	03/20/15	Glass Jar, 4 oz.

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laboratory@envirotech-inc.com



ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: Huerfanito 92 F
Project Number: 96052-1706
Project Manager: Lindsay Dumas

Reported:
31-Mar-15 10:50

BGT
P503063-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1513002	03/23/15	03/30/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1513002	03/23/15	03/30/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1513002	03/23/15	03/30/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1513002	03/23/15	03/30/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1513002	03/23/15	03/30/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1513002	03/23/15	03/30/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1513002	03/23/15	03/30/15	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		78.6 %		50-150	1513002	03/23/15	03/30/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	9.98	mg/kg	1	1513002	03/23/15	03/30/15	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	24.9	mg/kg	1	1513001	03/23/15	03/24/15	EPA 8015D	
<i>Surrogate: o-Terphenyl</i>		113 %		50-200	1513001	03/23/15	03/24/15	EPA 8015D	
<i>Surrogate: 4-Bromochlorobenzene-FID</i>		77.4 %		50-150	1513002	03/23/15	03/30/15	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	ND	35.0	mg/kg	1	1513018	03/25/15	03/25/15	EPA 418.1	
Cation/Anion Analysis									
Chloride	309	9.75	mg/kg	1	1513004	03/23/15	03/23/15	EPA 300.0	

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ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: Huerfanito 92 F
Project Number: 96052-1706
Project Manager: Lindsay Dumas

Reported:
31-Mar-15 10:50

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1513002 - Purge and Trap EPA 5030A

Blank (1513002-BLK1)

Prepared: 23-Mar-15 Analyzed: 25-Mar-15

Benzene	ND	0.002	mg/kg							
Toluene	ND	0.002	"							
Ethylbenzene	ND	0.002	"							
p,m-Xylene	ND	0.004	"							
o-Xylene	ND	0.002	"							
Total Xylenes	ND	0.002	"							
Total BTEX	ND	0.002	"							
Surrogate: 4-Bromochlorobenzene-PID	0.323		"	0.398		81.0	50-150			

LCS (1513002-BS1)

Prepared & Analyzed: 23-Mar-15

Benzene	20.3	0.10	mg/kg	20.0		102	75-125			
Toluene	19.9	0.10	"	20.0		99.8	70-125			
Ethylbenzene	19.4	0.10	"	20.0		96.9	75-125			
p,m-Xylene	37.9	0.20	"	40.0		94.8	80-125			
o-Xylene	18.3	0.10	"	20.0		91.8	75-125			
Surrogate: 4-Bromochlorobenzene-PID	0.373		"	0.400		93.3	50-150			

Matrix Spike (1513002-MS1)

Source: P503052-01

Prepared & Analyzed: 23-Mar-15

Benzene	20.3	0.10	mg/kg	20.0	ND	102	75-125			
Toluene	20.3	0.10	"	20.0	ND	101	70-125			
Ethylbenzene	20.0	0.10	"	20.0	ND	99.9	75-125			
p,m-Xylene	40.1	0.20	"	40.0	ND	100	80-125			
o-Xylene	19.6	0.10	"	20.0	ND	97.9	75-125			
Surrogate: 4-Bromochlorobenzene-PID	0.392		"	0.400		97.9	50-150			

Matrix Spike Dup (1513002-MSD1)

Source: P503052-01

Prepared & Analyzed: 23-Mar-15

Benzene	21.5	0.10	mg/kg	19.9	ND	108	75-125	5.75	15	
Toluene	21.5	0.10	"	19.9	ND	108	70-125	5.94	15	
Ethylbenzene	21.0	0.10	"	19.9	ND	105	75-125	4.98	15	
p,m-Xylene	41.7	0.20	"	39.9	ND	105	80-125	3.93	15	
o-Xylene	19.9	0.10	"	19.9	ND	99.9	75-125	1.83	15	
Surrogate: 4-Bromochlorobenzene-PID	0.353		"	0.399		88.5	50-150			

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ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: Huerfanito 92 F
Project Number: 96052-1706
Project Manager: Lindsay Dumas

Reported:
31-Mar-15 10:50

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1513001 - DRO Extraction EPA 3550M

Blank (1513001-BLK1)

Prepared: 23-Mar-15 Analyzed: 24-Mar-15

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Surrogate: o-Terphenyl	43.2		"	39.9		108	50-200			

LCS (1513001-BS1)

Prepared & Analyzed: 23-Mar-15

Diesel Range Organics (C10-C28)	524	24.9	mg/kg	499		105	38-132			
Surrogate: o-Terphenyl	44.9		"	39.9		113	50-200			

Matrix Spike (1513001-MS1)

Source: P503052-01

Prepared & Analyzed: 23-Mar-15

Diesel Range Organics (C10-C28)	572	25.0	mg/kg	499	ND	115	38-132			
Surrogate: o-Terphenyl	47.5		"	40.0		119	50-200			

Matrix Spike Dup (1513001-MSD1)

Source: P503052-01

Prepared & Analyzed: 23-Mar-15

Diesel Range Organics (C10-C28)	554	25.0	mg/kg	499	ND	111	38-132	3.19	20	
Surrogate: o-Terphenyl	46.0		"	39.9		115	50-200			

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ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: Huerfano 92 F
Project Number: 96052-1706
Project Manager: Lindsay Dumas

Reported:
31-Mar-15 10:50

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1513002 - Purge and Trap EPA 5030A										
Blank (1513002-BLK1)				Prepared: 23-Mar-15 Analyzed: 25-Mar-15						
Gasoline Range Organics (C6-C10)	ND	0.20	mg/kg							
Surrogate: 4-Bromochlorobenzene-FID	0.307		"	0.398		76.9	50-150			
LCS (1513002-BS1)				Prepared & Analyzed: 23-Mar-15						
Gasoline Range Organics (C6-C10)	250	10.0	mg/kg	266		93.8	80-120			
Surrogate: 4-Bromochlorobenzene-FID	0.361		"	0.400		90.2	50-150			
Matrix Spike (1513002-MS1)				Source: P503052-01		Prepared & Analyzed: 23-Mar-15				
Gasoline Range Organics (C6-C10)	262	9.99	mg/kg	266	ND	98.2	75-125			
Surrogate: 4-Bromochlorobenzene-FID	0.375		"	0.400		93.7	50-150			
Matrix Spike Dup (1513002-MSD1)				Source: P503052-01		Prepared & Analyzed: 23-Mar-15				
Gasoline Range Organics (C6-C10)	271	9.97	mg/kg	266	ND	102	75-125	3.67	15	
Surrogate: 4-Bromochlorobenzene-FID	0.343		"	0.399		86.1	50-150			

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ConocoPhillips	Project Name:	Huerfanito 92 F	Reported: 31-Mar-15 10:50
PO Box 2200	Project Number:	96052-1706	
Bartlesville OK, 74005	Project Manager:	Lindsay Dumas	

Total Petroleum Hydrocarbons by 418.1 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1513018 - 418 Freon Extraction

Blank (1513018-BLK1)				Prepared & Analyzed: 25-Mar-15						
Total Petroleum Hydrocarbons	ND	35.0	mg/kg							
Duplicate (1513018-DUP1)				Source: P503061-01 Prepared & Analyzed: 25-Mar-15						
Total Petroleum Hydrocarbons	87.7	34.9	mg/kg		95.9			8.94	30	
Matrix Spike (1513018-MS1)				Source: P503061-01 Prepared & Analyzed: 25-Mar-15						
Total Petroleum Hydrocarbons	1890	34.9	mg/kg	2030	95.9	88.5	80-120			

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ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: Huerfanito 92 F
Project Number: 96052-1706
Project Manager: Lindsay Dumas

Reported:
31-Mar-15 10:50

Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1513004 - Anion Extraction EPA 300.0

Blank (1513004-BLK1)

Prepared & Analyzed: 23-Mar-15

Chloride	ND	9.64	mg/kg
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LCS (1513004-BS1)

Prepared & Analyzed: 23-Mar-15

Chloride	469	9.53	mg/kg	477	98.4	90-110
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Matrix Spike (1513004-MS1)

Source: P503066-01

Prepared & Analyzed: 23-Mar-15

Chloride	1500	9.71	mg/kg	485	1270	46.3	80-120	SPK1
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Matrix Spike Dup (1513004-MSD1)

Source: P503066-01

Prepared & Analyzed: 23-Mar-15

Chloride	1730	9.66	mg/kg	483	1270	95.7	80-120	14.7	20
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ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: Huerfanito 92 F
Project Number: 96052-1706
Project Manager: Lindsay Dumas

Reported:
31-Mar-15 10:50

Notes and Definitions

SPK1 The spike recovery is outside of quality control limits.
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

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CHAIN OF CUSTODY RECORD

16978

Client: ConocoPhillips			Project Name / Location: Huerfanito 92F			ANALYSIS / PARAMETERS														
Email results to: Lindsay.Dumas@cop.com			Sampler Name: Lindsay Dumas			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact	
Client Phone No.: 505-599-4089			Client No.: 96052-1706 AM02375694/BENALE																	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative															
					HNO ₃	HCl														
BGT	3/20/15	8:50am	8503063-01	1-4oz.				X	X										X	X
Relinquished by: (Signature) <i>Lindsay Dumas</i>					Date 3/20/15	Time 11:15am	Received by: (Signature) <i>[Signature]</i>										Date 3/20/15	Time 11:15		
Relinquished by: (Signature)							Received by: (Signature)													
Sample Matrix Soil ☒ Solid ☐ Sludge ☐ Aqueous ☐ Other ☐																				
☐ Sample(s) dropped off after hours to secure drop off area.					 19.1															