

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 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

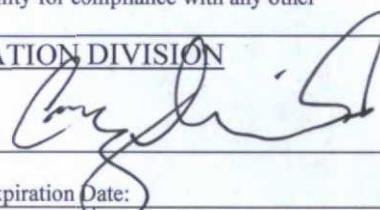
Name of Company Burlington Resources Company	Contact Lindsay Dumas
Address 3401 East 30th St, Farmington, NM	Telephone No. (505) 599-4089
Facility Name: Newman C 1E	Facility Type: Gas Well
Surface Owner BLM	Mineral Owner SF-079583
API No. 30-045-24115	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	30	28N	10W	1555'	North	790'	West	San Juan

Latitude 36.63617 Longitude -107.9429

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 5 bbls	Volume Recovered 0 bbls
Source of Release Tank	Date and Hour of Occurrence N/A	Date and Hour of Discovery 4/24/14 1:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.*	OIL CONS. DIV DIST. 3	
	AUG 12 2016	
Describe Cause of Problem and Remedial Action Taken.* Found loss of fluid during tank gauging, leading to potential hole in the tank. The tank will be pulled and the soil will be delineated.		
Describe Area Affected and Cleanup Action Taken.* ConocoPhillips contracted a third party to complete an assessment of the location. The lab analyticals were all below agency standards. 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: <u>Lindsay Dumas</u>	OIL CONSERVATION DIVISION	
Printed Name: Lindsay Dumas	Approved by Environmental Specialist: 	
Title: Field Environmental Specialist	Approval Date: <u>8/24/16</u>	Expiration Date: <u> </u>
E-mail Address: Lindsay.Dumas@conocophillips.com	Conditions of Approval:	
Date: <u>7/8/14</u> Phone: <u>(505) 599-4089</u>	Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary #NCS 14 12152 422

(25)



July 3, 2014

Project Number 92115-2573

Ms. Lindsay Dumas
ConocoPhillips
3401 E. 30th Street
Farmington, New Mexico 87402

Phone: (505) 599-4089

RE: SPILL ASSESSMENT REPORT FOR THE NEWMAN C #1E (hBr) WELL SITE, SAN JUAN COUNTY, NEW MEXICO

Dear Ms. Dumas:

Enclosed please find the *Spill Assessment Report* detailing spill assessment activities at the Newman C #1E (hBr) well site located in Section 30, Township 28 North, Range 10 West, San Juan County, New Mexico.

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.

A handwritten signature in blue ink that reads 'Tiffany McIntosh'.

Tiffany McIntosh
Staff Scientist
tmcintosh@envirotech-inc.com

Enclosure: *Spill Assessment Report*

cc: Client File 92115-2573

**CONOCOPHILLIPS
SPILL ASSESSMENT REPORT
NEWMAN C #1E (HBR)
SECTION 30, TOWNSHIP 28 NORTH, RANGE 10 WEST
SAN JUAN COUNTY, NEW MEXICO**

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Appendices: **Appendix A, Field Notes**
 Appendix B, Analytical Results
 Appendix C, Site Photography

INTRODUCTION

Envirotech, Inc. of Farmington, New Mexico, has been contracted by ConocoPhillips to perform spill assessment activities at the Newman C #1E (hBr) well site located in Section 30, Township 28 North, Range 10 West, San Juan County, New Mexico; see enclosed *Figure 1, Vicinity Map*. The scope of work included field screening, sample collection, laboratory analysis, documentation, and reporting.

ACTIVITIES PERFORMED

On June 16, 2014, Envirotech personnel arrived on site to perform spill assessment activities. Upon arrival, a brief site assessment was conducted and a Job Safety Analysis (JSA) was completed. An above ground storage tank (AST) at the above referenced well site overflowed, releasing approximately five (5) barrels (bbls) of produced water into the surrounding area; see enclosed *Appendix A, Field Notes* and *Appendix C, Site Photography*. Because depth to groundwater was greater than 100 feet, nearest surface water was less than 200 feet, and the well site was not located within a well head protection area, the regulatory standards for the site were determined to be 100 parts per million (ppm) total petroleum hydrocarbons (TPH) and 100 ppm organic vapors, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases.

One (1) five (5)-point composite soil sample (*Surface 5-pt. Composite*) was collected from the area between the berms surrounding the AST; see enclosed *Figure 2, Site Map, Appendix A, Field Notes*, and *Appendix C, Site Photography* for sample location. The sample was screened in the field for TPH using USEPA Method 418.1 and organic vapors using a photoionization detector (PID). The sample returned a result below the regulatory standard for TPH and organic vapor; see enclosed *Table 1, Summary of Analytical Results, Appendix A, Field Notes*, and *Appendix B, Analytical Results*. The sample was then 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 and Chlorides using USEPA Method 300.0. The sample returned a result below the regulatory standard for TPH; see enclosed *Table 1, Summary of Analytical Results* and *Appendix B, Analytical Results*. The sample returned a result of 91.2 ppm for chlorides; see enclosed *Table 1, Summary of Analytical Results* and *Appendix B, Analytical Results*.

SUMMARY AND CONCLUSIONS

Envirotech, Inc. conducted spill assessment activities at the Newman C #1E (hBr) well site located in Section 30, Township 28 North, Range 10 West, San Juan County, New Mexico. Envirotech, Inc. recommends no further action in regards to this incident.

STATEMENT OF LIMITATIONS

Envirotech, Inc. has completed spill assessment activities at the Newman C #1E (hBr) well site. The work and services provided by Envirotech, Inc. were in accordance with NMOCD and

USEPA regulatory standards. All observations and conclusions provided here are based on the information and current site conditions found at the site of the 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.

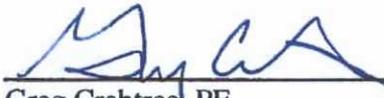
Respectfully submitted,

Reviewed by:

ENVIROTECH, INC.



Tiffany McIntosh
Staff Scientist
tmcintosh@envirotech-inc.com

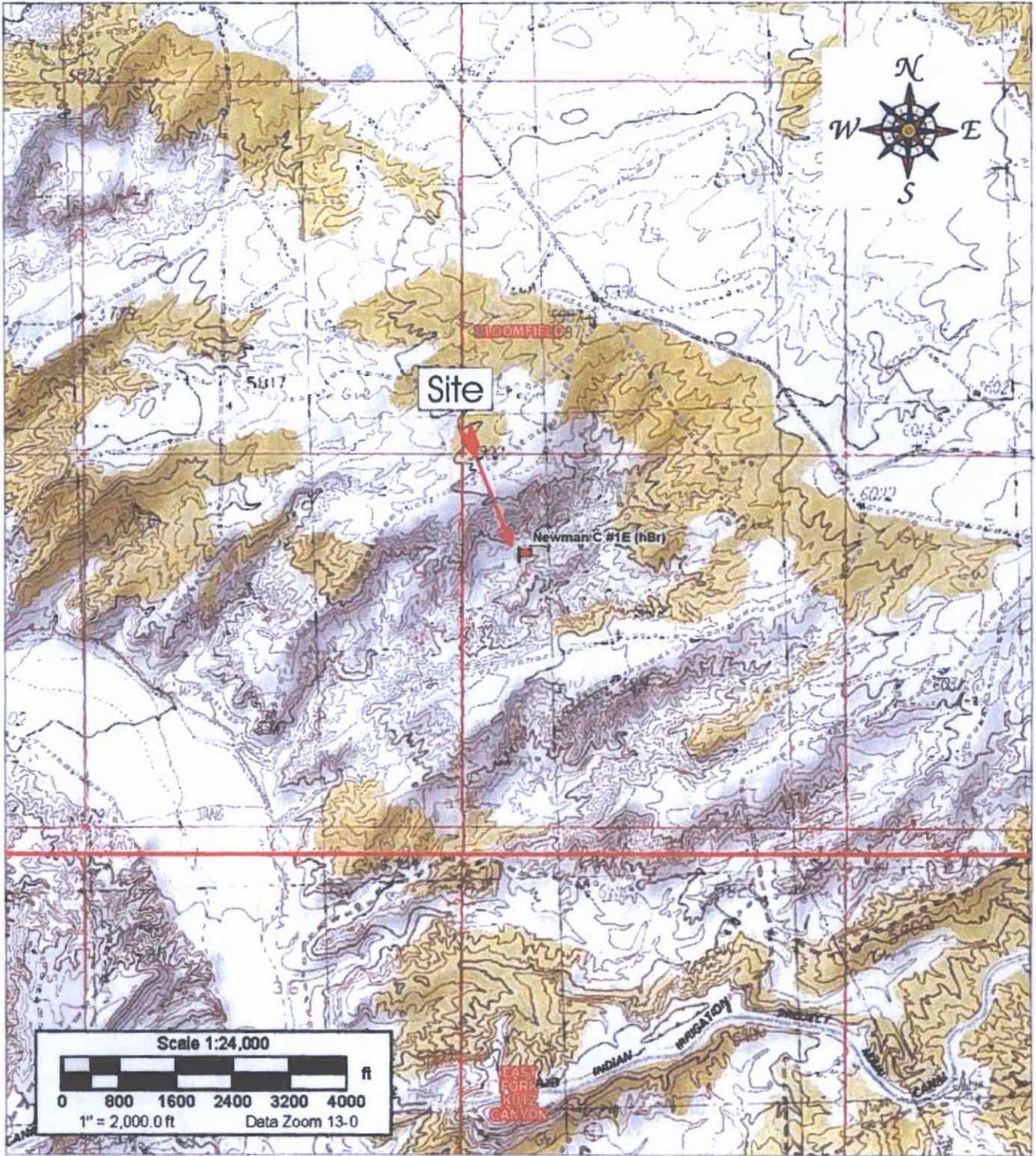


Greg Crabtree, PE
Environmental Manager
gcrabtree@envirotech-inc.com

FIGURES

Figure 1, Vicinity Map

Figure 2, Site Map



Source: 7.5 Minute, Bloomfield, New Mexico U.S.G.S. Topographic Quadrangle Map
 Scale: 1:24,000 1" = 2000'

<p>ConocoPhillips Newman C #1E (hBr) Section 30, Township 28N, Range 10W San Juan County, New Mexico</p>	 <p>envirotech ENVIRONMENTAL SCIENTISTS & ENGINEERS</p> <p>5796 U.S. HIGHWAY 64 Farmington, New Mexico 87401 505.632.0615</p>	<p>Vicinity Map</p>		
<p>PROJECT Number: 92115-2573 Date Drawn: 5/6/14</p>		<p>Figure #1</p> <table border="1"> <tr> <td data-bbox="1016 1883 1234 1947"> <p>DRAWN BY: Tiffany McIntosh</p> </td> <td data-bbox="1234 1883 1495 1947"> <p>PROJECT MANAGER: Greg Crabtree</p> </td> </tr> </table>		<p>DRAWN BY: Tiffany McIntosh</p>
<p>DRAWN BY: Tiffany McIntosh</p>	<p>PROJECT MANAGER: Greg Crabtree</p>			



LEGEND



WELL HEAD



SURFACE 5-PT
COMPOSITE SAMPLE

SITE MAP ConocoPhillips Newman C #1E (hBr) SECTION 30, TWP 28 NORTH, RANGE 10 WEST SAN JUAN COUNTY, NEW MEXICO

SCALE: NTS	FIGURE NO. 2	REV
PROJECT NO92115-2573		

REVISIONS

NO.	DATE	BY	DESCRIPTION
MAP DRWN	TLM	6/24/14	BASE DRWN TLM 2/25/13



5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

TABLES

Table 1, Summary of Analytical Results

Table 1, Summary of Analytical Results
 ConocoPhillips
 Newman C #1E (hBr)
 Spill Assessment Report
 San Juan County, New Mexico
 Project Number 92115-2573

Sample Description	Sample Number	Date	TPH USEPA Method 418.1 (ppm)	TPH USEPA Method 8015 (ppm)	Chloride USEPA Method 300 (ppm)	OVM (ppm)
NMOCD/RCRA Standards	NA	NA	100	100	NA	100
Surface 5-pt. Composite	1	6/16/2014	68	ND	91.2	6.3

NS = Not Sampled

ND = Non-Detect at Stated Method's Detection Limit

* Values in **BOLD** above regulatory standards

APPENDIX A

Field Notes

APPENDIX B

Analytical Results



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client: ConocoPhillips Project #: 92115-2573
Sample No.: 1 Date Reported: 6/23/2014
Sample ID: Surface 5-pt. Composite Date Sampled: 6/16/2014
Sample Matrix: Soil Date Analyzed: 6/16/2014
Preservative: Cool Analysis Needed: TPH-418.1
Condition: Cool and Intact

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	68	5.0

ND = Parameter not detected at the stated detection limit.

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

Comments: **Newman C #1E (hBr)**

Instrument calibrated to 200 ppm standard and zeroed before each sample.


Analyst

Tiffany McIntosh
Printed


Review

Toni McKnight, EIT
Printed



CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 16-Jun-14

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	183
	200	
	500	
	1000	

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

Tiffany McIntosh
Analyst

6/23/2014
Date

Tiffany McIntosh
Print Name

Toni McKnight
Review

6/23/2014
Date

Toni McKnight, EIT
Print Name



Analytical Report

Report Summary

Client: ConocoPhillips

Chain Of Custody Number: 17027

Samples Received: 6/16/2014 10:28:00AM

Job Number: 92115-2573

Work Order: P406061

Project Name/Location: Newman C #1E Spill
Assessment

Entire Report Reviewed By:

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

Date: 6/23/14

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: Newman C #1E Spill Assessment Project Number: 92115-2573 Project Manager: Tiffany McIntosh	Reported: 23-Jun-14 15:36
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Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Surface 5-pt. Composite	P406061-01A	Soil	06/16/14	06/16/14	Glass Jar, 4 oz.

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Ph (505) 632-0615 Fx (505) 632-1865

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fx (800) 362-1879

envirotech-inc.com
laboratory@envirotech-inc.com



ConocoPhillips PO Box 2200 Bartlesville OK, 74005	Project Name: Newman C #1E Spill Assessment Project Number: 92115-2573 Project Manager: Tiffany McIntosh	Reported: 23-Jun-14 15:36
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**Surface 5-pt. Composite
P406061-01 (Solid)**

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg	1	1425022	06/19/14	06/23/14	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	30.0	mg/kg	1	1425023	06/19/14	06/20/14	EPA 8015D	
Cation/Anion Analysis									
Chloride	91.2	9.96	mg/kg	1	1425025	06/20/14	06/20/14	EPA 300.0	

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ConocoPhillips PO Box 2200 Bartlesville OK, 74005	Project Name: Newman C #1E Spill Assessment Project Number: 92115-2573 Project Manager: Tiffany McIntosh	Reported: 23-Jun-14 15:36
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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 1425022 - Purge and Trap EPA 5030A										
Blank (1425022-BLK1) Prepared: 19-Jun-14 Analyzed: 20-Jun-14										
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg							
Duplicate (1425022-DUP1) Source: P406061-01 Prepared: 19-Jun-14 Analyzed: 20-Jun-14										
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg		ND				30	
Matrix Spike (1425022-MS1) Source: P406061-01 Prepared: 19-Jun-14 Analyzed: 20-Jun-14										
Gasoline Range Organics (C6-C10)	0.44		mg/L	0.450	ND	96.7	75-125			

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Ph (970) 259-0615 Fr (800) 362-1879

envirotech-llc.com
laboratory@envirotech-llc.com



ConocoPhillips PO Box 2200 Bartlesville OK, 74005	Project Name: Newman C #1E Spill Assessment Project Number: 92115-2573 Project Manager: Tiffany McIntosh	Reported: 23-Jun-14 15:36
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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 1425023 - DRO Extraction EPA 3550C										
Blank (1425023-BLK1) Prepared: 19-Jun-14 Analyzed: 20-Jun-14										
Diesel Range Organics (C10-C28)	ND	30.0	mg/kg							
Duplicate (1425023-DUP1) Source: P406061-01 Prepared: 19-Jun-14 Analyzed: 20-Jun-14										
Diesel Range Organics (C10-C28)	ND	30.0	mg/kg		ND				30	
Matrix Spike (1425023-MS1) Source: P406061-01 Prepared: 19-Jun-14 Analyzed: 20-Jun-14										
Diesel Range Organics (C10-C28)	288		mg/L	250	2.90	114	75-125			

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Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com
laboratory@envirotech-inc.com



ConocoPhillips PO Box 2200 Bartlesville OK, 74005	Project Name: Newman C #1E Spill Assessment Project Number: 92115-2573 Project Manager: Tiffany McIntosh	Reported: 23-Jun-14 15:36
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Cation/Anion Analysis - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1425025 - Anion Extraction EPA 300.0										
Blank (1425025-BLK1) Prepared & Analyzed: 20-Jun-14										
Chloride	ND	9.93	mg/kg							
LCS (1425025-BS1) Prepared & Analyzed: 20-Jun-14										
Chloride	519	9.92	mg/kg	496		105	90-110			
Matrix Spike (1425025-MS1) Source: P406055-01 Prepared & Analyzed: 20-Jun-14										
Chloride	693	9.78	mg/kg	489	184	104	80-120			
Matrix Spike Dup (1425025-MSD1) Source: P406055-01 Prepared & Analyzed: 20-Jun-14										
Chloride	692	9.93	mg/kg	497	184	102	80-120	0.0631	20	

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Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com
labinfo@envirotech-inc.com



ConocoPhillips PO Box 2200 Bartlesville OK, 74005	Project Name: Newman C #1E Spill Assessment Project Number: 92115-2573 Project Manager: Tiffany McIntosh	Reported: 23-Jun-14 15:36
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Notes and Definitions

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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Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com
laboratory@envirotech-inc.com

CHAIN OF CUSTODY RECORD

17027

Client: COPC (hBr)		Project Name / Location: Newman C #1E Spill Assessment				ANALYSIS / PARAMETERS																
Email results to: T. McIntosh		Sampler Name: T. McIntosh				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.: 505-258-1643		Client No.: 92115-2573																				
Sample No. / Identification	Sample Date	Sample Time	Lab No.	No. / Volume of Containers	Preservative			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	
					HNO ₃	HCl	CO ₂															
surface 5-pt. composite	6/16/14	1028	P406061-01	1-4oz jar			X	X									X				✓	✓
Relinquished by: (Signature) <i>Liffany McIntosh</i>				Date	Time	Received by: (Signature) <i>Dave Zagan</i>				Date	Time											
				6/16/14	1220					6/16/14	1220											
Relinquished by: (Signature)				Received by: (Signature)																		
Sample Matrix																						
Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>																						
<input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.																						



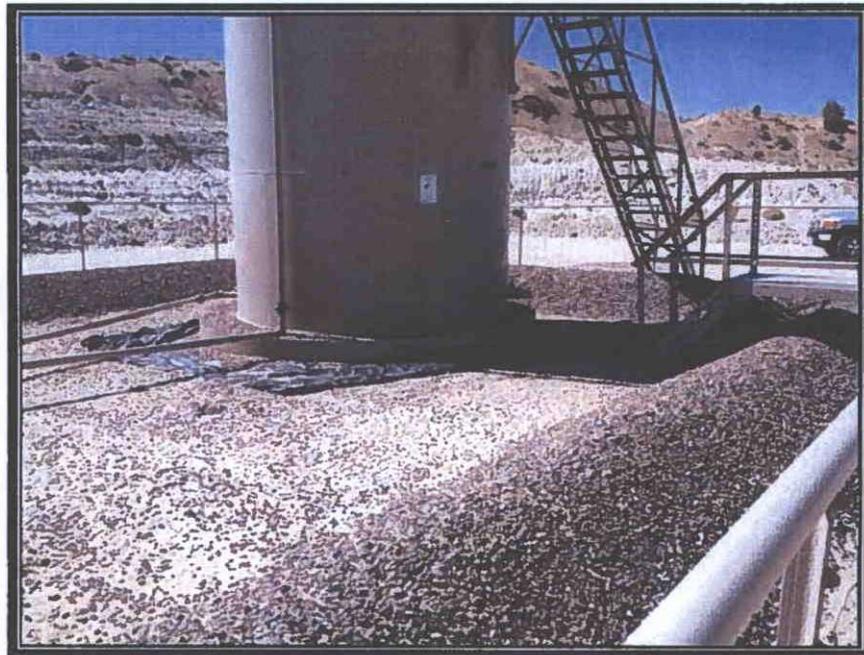
APPENDIX C

Site Photography

Site Photography
ConocoPhillips
Newman C #1E (hBr)
Spill Assessment Report
Project No. 92115-2573
June 2014



Picture 1: Release Area (View 1)



Picture 2: Release Area (View 2)