

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 ConocoPhillips Company	Contact Crystal Tafoya
Address 3401 East 30th St, Farmington, NM	Telephone No. (505) 326-9837
Facility Name: San Juan 31-6 Unit 213A	Facility Type: Gas Well

Surface Owner Federal	Mineral Owner Federal (NM-03404)	API No. 30-039-27807
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LOCATION OF RELEASE

Unit Letter C	Section 5	Township 30N	Range 6W	Feet from the 447	North/South Line North	Feet from the 1880	East/West Line West	County Rio Arriba
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Latitude **36.84756** Longitude **107.48885**

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 17 bbls	Volume Recovered 16 bbls
Source of Release Transfer Pump Hose	Date and Hour of Occurrence 5/14/2013	Date and Hour of Discovery 5/15/2013 at 10:20 AM
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 RCUD, III 31 '13	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. OIL CONS. DIV. DIST. 3	

If a Watercourse was Impacted, Describe Fully.*
N/A


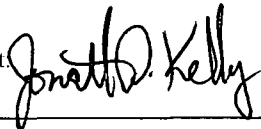
Describe Cause of Problem and Remedial Action Taken.*

On May 15, 2013 a produced water release of 17bbls was discovered from a split in a flex hose from the tank to a transfer pump. The tank valve was shut-in and a water truck dispatched to location where 16bbls of produced water was recovered. The release was contained within the berm and did not leave location.

Describe Area Affected and Cleanup Action Taken.*

NMOCD action levels for releases are specified in NMOCD's Guidelines for Leaks, Spills and Releases and the release was assigned a ranking score of 0. Samples were collected and analytical results are below applicable NMOCD action levels. No further work will be performed. The final report is attached for review.

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: Crystal Tafoya		Approved by Environmental Specialist: 	
Title: Field Environmental Specialist		Approval Date: 8/16/2013	Expiration Date:
E-mail Address: crystal.tafoya@conocophillips.com		Conditions of Approval:	Attached <input type="checkbox"/>
Date: 7/30/2013 Phone: (505) 326-9837			

* Attach Additional Sheets If Necessary

NSK 13228 37799

July 16, 2013

Project Number 96052-2351

Ms. Crystal Tafoya
ConocoPhillips
3401 East 30th Street
Farmington, New Mexico 87401

Phone: (505) 324-5140

**RE: SPILL ASSESSMENT DOCUMENTATION FOR THE SAN JUAN 31-6, #213A WELL SITE, RIO
ARRIBA COUNTY, NEW MEXICO**

Dear Ms. Tafoya,

Enclosed please find the field notes and analytical results for spill assessment activities performed at the San Juan 31-6 #213A well site located in Section 5, Township 30 North, Range 6 West, Rio Arriba County, New Mexico. Upon Envirotech personnel's arrival on May 20, 2013, a brief site assessment was conducted. Because depth to groundwater was greater than 100 feet, nearest surface water greater than 1000 feet, and the well site is not located within a well head protection area, the regulatory standards for the site were determined to be 5000 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) sample was collected from the area where the hose line had split and released produced water; see enclosed *Field Notes*. One (1) five (5)-point composite sample was collected from four (4) inches below grade surface (BGS). The sample was screened in the field for TPH using USEPA Method 418.1 and for organic vapors (OV) using a photoionization detector (PID); see enclosed *Analytical Results* and *Summary of Analytical Results*. The sample returned results below the regulatory standards for TPH and below the regulatory standards for OV. Additionally, the sample collected was placed into a four (4)-ounce glass jar, capped head space free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory to be analyzed for TPH using USEPA Method 8015 and for benzene and BTEX using USEPA Method 8021. The sample returned results below regulatory standards for all constituents analyzed; see enclosed *Analytical Results*. Envirotech, Inc. recommends no further action in regards to this incident.

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

Respectfully submitted,
ENVIROTECH, INC.

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

Enclosure(s): Analytical Results
Field Notes

Cc: Client File 96052

Client:

COPC

envirotech

(505) 632-0613 (800) 362-1678

5796 U.S. Hwy 64, Farmington, NE 67401

Project No: 96052-2351

COC No:

FIELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 1 OF

DATE STARTED: 9/20/13

DATE FINISHED:

LOCATION: NAME: San Juan 31-6 WELL #: 218A

QUAD/UNIT: SEC: 5 TWP: 30N RING: 6W PM: CNTY: EAST: NM

QTR/FOOTAGE: 447' N & 1880' W CONTRACTOR: D/A

ENVIRONMENTAL SPECIALIST: Rene

EXCAVATION APPROX: FT. X FT. X FT. DEEP CUBIC YARDAGE:

DISPOSAL FACILITY: REMEDIATION METHOD:

LAND USE: Grazing LEASE: UHNM03904 LAND OWNER: ~~Federal~~ Private

CAUSE OF RELEASE: Split hose from tank to pump MATERIAL RELEASED: 1766 lbs of produce water

SPILL LOCATED APPROXIMATELY: FT. FROM

DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >2000' NEAREST SURFACE WATER: 1220'

NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

SAMPLE DESCRIPTION	TIME	SAMPLE ID	LAB NO.	WEIGHT (g)	ml FREON	DILUTION	READING	CALC. ppm
189.1, 482.8, 800	14:30	STD					180, 461, 811	
998.9	14:40	STD					Calibrated to 1000	
SPT Comp, 4" BGS	14:50	I		5	20	x 4	705	2820

SPILL PERIMETER

OVM RESULTS

SPILL PROFILE

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1	301

LAB SAMPLES		
SAMPLE ID	ANALYSIS	TIME

TRAVEL NOTES:

CALLED OUT:

ONSITE:



Analytical Report

Report Summary

Client: ConocoPhillips

Chain Of Custody Number: 15588

Samples Received: 5/20/2013 4:50:00PM

Job Number: 96052-2351

Work Order: P305061

Project Name/Location: San Juan 31-6 #213A
Spill Assessment

Entire Report Reviewed By:

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

Date: 5/22/13

Tim Cain, Laboratory Manager

Supplement to analytical report generated on: 5/22/13 9:07 am

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: San Juan 31-6 #213A Spill Assessment
Project Number: 96052-2351
Project Manager: Rene Garcia Reyes

Reported:
22-May-13 10:56

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
1	P305061-01A	Soil	05/20/13	05/20/13	Glass Jar, 4 oz.

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

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





ConocoPhillips	Project Name:	San Juan 31-6 #213A Spill Assessment	Reported: 22-May-13 10:56
PO Box 2200	Project Number:	96052-2351	
Bartlesville OK, 74005	Project Manager:	Rene Garcia Reyes	

1

P305061-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	49.9	ug/kg	1	1321011	21-May-13	21-May-13	EPA 8021B	
Toluene	ND	49.9	ug/kg	1	1321011	21-May-13	21-May-13	EPA 8021B	
Ethylbenzene	ND	49.9	ug/kg	1	1321011	21-May-13	21-May-13	EPA 8021B	
p,m-Xylene	ND	49.9	ug/kg	1	1321011	21-May-13	21-May-13	EPA 8021B	
o-Xylene	ND	49.9	ug/kg	1	1321011	21-May-13	21-May-13	EPA 8021B	
Total BTEX	ND	49.9	ug/kg	1	1321011	21-May-13	21-May-13	EPA 8021B	
Surrogate: Bromochlorobenzene		101 %	80-120		1321011	21-May-13	21-May-13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		101 %	80-120		1321011	21-May-13	21-May-13	EPA 8021B	
Surrogate: Fluorobenzene		99.9 %	80-120		1321011	21-May-13	21-May-13	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg	1	1321012	21-May-13	21-May-13	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	5.00	mg/kg	1	1321012	21-May-13	21-May-13	EPA 8015D	
GRO and DRO Combined Fractions	ND	5.00	mg/kg	1	1321012	21-May-13	21-May-13	EPA 8015D	
Cation/Anion Analysis									
Chloride	116	9.99	mg/kg	1	1321018	21-May-13	21-May-13	EPA 300.0	

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ConocoPhillips	Project Name:	San Juan 31-6 #213A Spill Assessment	Reported: 22-May-13 10:56
PO Box 2200	Project Number:	96052-2351	
Bartlesville OK, 74005	Project Manager:	Rene Garcia Reyes	

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 1321011 - Purge and Trap EPA 5030A

Blank (1321011-BLK1)

Prepared & Analyzed: 21-May-13

Benzene	ND	49.9	ug/kg							
Toluene	ND	49.9	"							
Ethylbenzene	ND	49.9	"							
p,m-Xylene	ND	49.9	"							
o-Xylene	ND	49.9	"							
Total BTEX	ND	49.9	"							
Surrogate: Bromochlorobenzene	49.7		ug/L	50.0		99.4	80-120			
Surrogate: 1,4-Difluorobenzene	50.9		"	50.0		102	80-120			
Surrogate: Fluorobenzene	49.9		"	50.0		99.8	80-120			

Duplicate (1321011-DUP1)

Source: P305061-01

Prepared & Analyzed: 21-May-13

Benzene	ND	50.0	ug/kg		ND				30	
Toluene	ND	50.0	"		ND				30	
Ethylbenzene	ND	50.0	"		ND				30	
p,m-Xylene	ND	50.0	"		ND				30	
o-Xylene	ND	50.0	"		ND				30	
Surrogate: Bromochlorobenzene	41.1		ug/L	50.0		82.1	80-120			
Surrogate: 1,4-Difluorobenzene	46.2		"	50.0		92.5	80-120			
Surrogate: Fluorobenzene	46.0		"	50.0		91.9	80-120			

Matrix Spike (1321011-MS1)

Source: P305061-01

Prepared & Analyzed: 21-May-13

Benzene	47.1		ug/L	50.0	0.28	93.6	39-150			
Toluene	46.4		"	50.0	0.54	91.7	46-148			
Ethylbenzene	46.0		"	50.0	0.26	91.4	32-160			
p,m-Xylene	93.6		"	100	0.70	92.9	46-148			
o-Xylene	46.0		"	50.0	0.52	90.9	46-148			
Surrogate: Bromochlorobenzene	50.2		"	50.0		100	80-120			
Surrogate: 1,4-Difluorobenzene	49.4		"	50.0		98.7	80-120			
Surrogate: Fluorobenzene	49.2		"	50.0		98.5	80-120			

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ConocoPhillips	Project Name:	San Juan 31-6 #213A Spill Assessment	Reported: 22-May-13 10:56
PO Box 2200	Project Number:	96052-2351	
Bartlesville OK, 74005	Project Manager:	Rene Garcia Reyes	

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 1321012 - GRO/DRO Extraction EPA 3550C

Blank (1321012-BLK1)

Prepared & Analyzed: 21-May-13

Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg
Diesel Range Organics (C10-C28)	ND	5.00	"
GRO and DRO Combined Fractions	ND	5.00	"

Duplicate (1321012-DUP1)

Source: P305061-01

Prepared & Analyzed: 21-May-13

Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg	ND	30
Diesel Range Organics (C10-C28)	ND	4.99	"	ND	30

Matrix Spike (1321012-MS1)

Source: P305061-01

Prepared & Analyzed: 21-May-13

Gasoline Range Organics (C6-C10)	256	5.26	mg/kg	263	ND	97.4	75-125
Diesel Range Organics (C10-C28)	263	5.26	"	263	ND	99.9	75-125

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ConocoPhillips	Project Name:	San Juan 31-6 #213A Spill Assessment	Reported: 22-May-13 10:56
PO Box 2200	Project Number:	96052-2351	
Bartlesville OK, 74005	Project Manager:	Rene Garcia Reyes	

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 1321018 - Anion Extraction EPA 300.0

Blank (1321018-BLK1)

Prepared & Analyzed: 21-May-13

Chloride	ND	10.0	mg/kg
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Duplicate (1321018-DUP1)

Source: P305061-01

Prepared & Analyzed: 21-May-13

Chloride	131	10.0	mg/kg	116	12.2	30
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ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: San Juan 31-6 #213A Spill Assessment
Project Number: 96052-2351
Project Manager: Rene Garcia Reyes

Reported:
22-May-13 10:56

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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15588

Client: COPC			Project Name / Location: San Juan 31-6 #213A Spill Assessment			ANALYSIS / PARAMETERS													
Email results to: rgarcia@envirotech-inc.com			Sampler Name: Rene Garcia Reyes			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.:			Client No.: 96052-2351																

Sample No. / Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative																
					HNO ₃	HCl	Other														
1	5/20/13	14:50	P30501-01	402			X	X	X											Y	Y

Relinquished by: (Signature) 				Date 5/20/13	Time 16:50	Received by: (Signature) 				Date 5/20/13	Time 16:50
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"/>											

☐ Sample(s) dropped off after hours to secure drop off area.

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