

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	Contact Lisa Hunter
Address 3401 East 30th St, Farmington, NM	Telephone No. (505) 326-9786
Facility Name: San Juan 32-7 Unit 243A	Facility Type: Gas Well

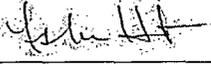
Surface Owner Federal	Mineral Owner Federal	API No. 3004532732
------------------------------	------------------------------	---------------------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	19	32N	7W	610	N	2391	W	San Juan

Latitude **36.972222** Longitude **-107.60944**

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 25.832 BBLs	Volume Recovered 25 BBLs
Source of Release Water Tank	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 11/12/13 @ 11:51 a.m.
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Shari Ketcham (BLM) Jonathan Kelly (NMOCD)	
By Whom? Lisa Hunter	Date and Hour 11/13/13 @ 7:27 a.m. (phone & follow-up email) 11/13/13 @ 7:29 a.m. (phone & follow-up email)	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	
If a Watercourse was Impacted, Describe Fully.* N/A	RCVD JAN 30 '14 OIL CONS. DIV. DIST. 3	
Describe Cause of Problem and Remedial Action Taken.* Water Tank overflowed releasing 25.8 BBLs. Pumping unit was shut down and water truck called to pull standing water, recovering 25 BBLs.		
Describe Area Affected and Cleanup Action Taken.* ConocoPhillips will assess impacted area to determine a path forward for clean up if necessary. Affected area was assessed on November 18, 2013. Analytical results were below the regulatory standards – no further action required. The soil sampling 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: Lisa Hunter	Approved by Environmental Specialist: 	
Title: Field Environmental Specialist	Approval Date: 9/4/14	Expiration Date:
E-mail Address Lisa.Hunter@cop.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: January 27, 2014 Phone: (505) 326-9786		

* Attach Additional Sheets If Necessary

#NCS 142 417 33 420



January 22, 2014

Project Number 96052-2417

Ms. Lisa Hunter
ConocoPhillips
3401 East 30th Street
Farmington, New Mexico 87402

Phone: (505) 258-1607
Fax: (505) 599-4005

RE: SPILL ASSESSMENT DOCUMENTATION FOR THE SAN JUAN 32-7 #243A WELL SITE, SAN JUAN COUNTY, NEW MEXICO

Dear Ms. Hunter,

Enclosed please find the field notes and analytical results for spill assessment activities performed at the San Juan 32-7 #243A well site located in Section 19, Township 32 North, Range 7 West, San Juan County, New Mexico. An above-ground storage tank (AST) at the above referenced well site overflowed, releasing approximately 25.8 barrels (bbls) of produced water into the surrounding area, 25 bbls of which were recovered; see enclosed *Field Notes*. Upon Envirotech personnel's arrival on November 15, 2013, a brief site assessment was conducted. Because depth to groundwater was greater than 100 feet, nearest surface water was between 200 and 1000 feet, and the well site was not located within a well head protection area, the regulatory standards for the site were determined to be 1000 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.

The area between the berms at the above referenced location was divided into two (2) sections: the north section and the south section. Standing water was observed in the north section. Two (2) five (5)-point surface composite samples were collected; one (1) sample from each section; see enclosed *Field Notes*. The samples were analyzed in the field for TPH using USEPA Method 418.1 and for organic vapors using a photoionization detector (PID). Both samples returned results below the regulatory standards for TPH and organic vapor; see enclosed *Field Notes, Analytical Results* and *Summary of Analytical Results*. Additionally, both samples were placed into ziplock bags, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory to be analyzed for chlorides using USEPA Method 300.0. The north surface composite sample returned a result of 119 ppm for chlorides. The south surface composite sample returned a result of 99.8 ppm for chlorides; see enclosed *Analytical Results* and *Summary of 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.





ConocoPhillips
San Juan 32-7 #243A
Spill Assessment
Project Number 96052-2417
Page 2

Respectfully submitted,
ENVIROTECH, INC.


Tiffany McIntosh
Staff Scientist
tmcintosh@envirotech-inc.com

Enclosure(s): Summary of Analytical Results
Field Notes
Analytical Results

Cc: Client File 96052

Table 1, Summary of Analytical Results
 ConocoPhillips
 San Juan 32-7 #243A
 Spill Assessment Report
 San Juan County, New Mexico
 Project Number 96052-2417

Sample Description	Sample Number	Date	TPH USEPA Method 418.1 (ppm)	Chloride USEPA Method 300.0 (ppm)	OVM (ppm)
NMOCDC/RCRA Standards	NA	NA	1000	NA	100
North Surface Composite	1	11/15/2013	260	119	0.2
South Surface Composite	2	11/15/2013	12	99.8	0.4

NS = Not Sampled

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

* Values in **BOLD** above regulatory standards

Client: <h1 style="margin:0;">COPC</h1>	<p style="font-size: small;">(800) 638-0019 (609) 393-1070 5700 U.S. Hwy 64, Farmingdale, NJ 07404</p>	Project No: <h2 style="margin:0;">96052-2417</h2> COC No: <h2 style="margin:0;">16016</h2>
--	--	--

FIELD REPORT: SPILL CLOSURE VERIFICATION		PAGE NO: <u>1</u> OF <u>1</u>
LOCATION: NAME: <u>San Juan 32-7</u> WELL #: <u>243 A</u>	DATE STARTED: <u>11/15/13</u>	
QUAD/UNIT: <u>C</u> SEC: <u>19</u> TWP: <u>32N</u> RNG: <u>7W</u> PM: <u>NA</u> CNTY: <u>SJ</u> ST: <u>NM</u>	DATE FINISHED: <u>11/15/13</u>	
QTR/FOOTAGE: <u>N/A</u> CONTRACTOR: <u>N/A</u>	ENVIRONMENTAL SPECIALIST: <u>T. M. Foster</u>	

EXCAVATION APPROX: _____ FT. X _____ FT. X _____ FT. DEEP CUBIC YARDAGE:
DISPOSAL FACILITY: _____ REMEDIATION METHOD: _____
LAND USE: _____ LEASE: _____ LAND OWNER: _____
CAUSE OF RELEASE: <u>tank overflow</u> MATERIAL RELEASED: <u>produced water</u>
SPILL LOCATED APPROXIMATELY: <u>N/A</u> FT. <u>N/A</u> FROM <u>N/A</u>
DEPTH TO GROUNDWATER: <u>7100'</u> NEAREST WATER SOURCE: <u>71000'</u> NEAREST SURFACE WATER: <u>200-1000'</u>
NMOCD RANKING SCORE: <u>10</u> NMOCD TPH CLOSURE STD: <u>1000</u> PPM

SOIL AND EXCAVATION DESCRIPTION:
 25.8 bbls of produced water released standing water was observed
 25 bbls recovered
 Notified Lisa Hunter of results. Recommended no further action. Pending Chloride results which the NMOCD only requests for informational purposes.

SAMPLE DESCRIPTION	TIME	SAMPLE ID.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
500 standard	11:00	—	—	—	—	—	479	—
North composite (surface)	11:15	1	—	5	20	4	65	260
South composite (surface)	11:20	2	—	5	20	4	3	12

SPILL PERIMETER 	OVM RESULTS <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE PID (ppm)</th> </tr> </thead> <tbody> <tr><td>1</td><td>0.2</td></tr> <tr><td>2</td><td>0.4</td></tr> <tr><td> </td><td> </td></tr> </tbody> </table> LAB SAMPLES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>ANALYSIS</th> <th>TIME</th> </tr> </thead> <tbody> <tr><td>1</td><td>Cl⁻</td><td> </td></tr> <tr><td>2</td><td>Cl⁻</td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	SAMPLE ID	FIELD HEADSPACE PID (ppm)	1	0.2	2	0.4																	SAMPLE ID	ANALYSIS	TIME	1	Cl ⁻		2	Cl ⁻																				SPILL PROFILE
SAMPLE ID	FIELD HEADSPACE PID (ppm)																																																		
1	0.2																																																		
2	0.4																																																		
SAMPLE ID	ANALYSIS	TIME																																																	
1	Cl ⁻																																																		
2	Cl ⁻																																																		

2 5 pt 11/15/13



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client: ConocoPhillips Project #: 96052-2417
Sample No.: 1 Date Reported: 11/27/2013
Sample ID: North Surface Composite Date Sampled: 11/15/2013
Sample Matrix: Soil Date Analyzed: 11/15/2013
Preservative: Cool Analysis Needed: TPH-418.1
Condition: Cool and Intact

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	260	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: San Juan 32-7 #243A

Instrument calibrated to 500 ppm standard and zeroed before each sample.


Analyst

Tiffany McIntosh
Printed


Review

Toni McKnight, EIT
Printed





EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client: ConocoPhillips Project #: 96052-2417
Sample No.: 2 Date Reported: 11/27/2013
Sample ID: South Surface Composite Date Sampled: 11/15/2013
Sample Matrix: Soil Date Analyzed: 11/15/2013
Preservative: Cool Analysis Needed: TPH-418.1
Condition: Cool and Intact

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------

Total Petroleum Hydrocarbons 12 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: San Juan 32-7 #243A

Instrument calibrated to 500 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: 15-Nov-13

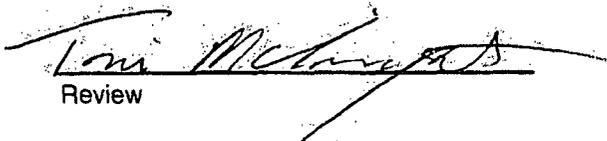
Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	
	500	479
	1000	

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


Analyst

11/27/2013
Date

Tiffany McIntosh
Print Name


Review

11/27/2013
Date

Toni McKnight, EIT
Print Name





Analytical Report

Report Summary

Client: ConocoPhillips

Chain Of Custody Number: 16016

Samples Received: 11/15/2013 1:10:00PM

Job Number: 96052-2417

Work Order: P311047

Project Name/Location: San Juan 32-7 #243A

Entire Report Reviewed By:

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

Date: 11/27/13

Tim Cain, Laboratory Manager

Supplement to analytical report generated on: 11/25/13 3:32 pm

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 32-7 #243A Project Number: 96052-2417 Project Manager: Tiffany McIntosh	Reported: 27-Nov-13 09:17
---	--	------------------------------

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
North Surface Composite	P311047-01A	Soil	11/15/13	11/15/13	Plastic Baggie
South Surface Composite	P311047-02A	Soil	11/15/13	11/15/13	Plastic Baggie

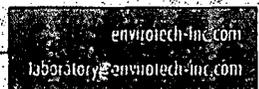
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 US Highway 64, Farmington, NM 87401

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

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

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





ConocoPhillips PO Box 2200 Bartlesville OK, 74005	Project Name: San Juan 32-7 #243A Project Number: 96052-2417 Project Manager: Tiffany McIntosh	Reported: 27-Nov-13 09:17
---	--	------------------------------

North Surface Composite
P311047-01 (Solid)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

Cation/Anion Analysis

Chloride	119	9.90	mg/kg	1	1347031	11/22/13	11/22/13	EPA 300.0	
----------	-----	------	-------	---	---------	----------	----------	-----------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 US Highway 64, Farmington, NM 87401

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

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

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





ConocoPhillips PO Box 2200 Bartlesville OK, 74005	Project Name: San Juan 32-7 #243A Project Number: 96052-2417 Project Manager: Tiffany McIntosh	Reported: 27-Nov-13 09:17
---	--	------------------------------

**South Surface Composite
P311047-02 (Solid)**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Cation/Anion Analysis										
Chloride	99.8	9.93		mg/kg	1	1347031	11/22/13	11/22/13	EPA 300.0	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 US Highway 64, Farmington, NM 87401
Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865
Ph (970) 259-0615 Fr (800) 362-1879





ConocoPhillips PO Box 2200 Bartlesville OK, 74005	Project Name: San Juan 32-7 #243A Project Number: 96052-2417 Project Manager: Tiffany McIntosh	Reported: 27-Nov-13 09:17
---	--	------------------------------

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 1347031 - Anion Extraction EPA 300.0										
Blank (1347031-BLK1) Prepared & Analyzed: 22-Nov-13										
Chloride	ND	9.94	mg/kg							
LCS (1347031-BS1) Prepared & Analyzed: 22-Nov-13										
Chloride	502	9.82	mg/kg	491	102	103	90-110			
Matrix Spike (1347031-MS1) Source: P311027-01 Prepared & Analyzed: 22-Nov-13										
Chloride	520	9.90	mg/kg	495	12.5	103	80-120			
Matrix Spike Dup (1347031-MSD1) Source: P311027-01 Prepared & Analyzed: 22-Nov-13										
Chloride	525	9.86	mg/kg	493	12.5	104	80-120	0.896	20	

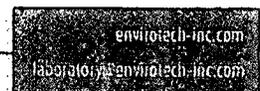
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 US Highway 64, Farmington, NM 87401

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

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

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





ConocoPhillips	Project Name:	San Juan 32-7 #243A	Reported: 27-Nov-13 09:17
PO Box 2200	Project Number:	96052-2417	
Bartlesville OK, 74005	Project Manager:	Tiffany McIntosh	

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

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 US Highway 64, Farmington, NM 87401

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



CHAIN OF CUSTODY RECORD

16016

Page 7 of 7

Client: ConocoPhillips	Project Name / Location: San Juan 32-7 #243	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	PCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
Client Phone No.: 505-326-9786	Client No.: 96052-2417														

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	PCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact	
					HNO ₃	HCl	CO ₂															
North Surface Composite	11/15/13	11:15	P311047-01	Ziplock bag			X														X	X
South Surface Composite	11/15/13	11:20	P311047-02	1			X														X	X

Relinquished by: (Signature) <i>Tiffany McIntosh</i>	Date 11/15/13	Time 13:10	Received by: (Signature) <i>William J...</i>	Date 11/15/13	Time 13:10
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"/>					