

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


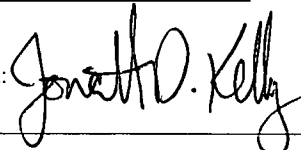
Name of Company <b>ConocoPhillips Company</b>	Contact <b>Crystal Tafoya</b>	
Address <b>3401 East 30<sup>th</sup> St, Farmington, NM</b>	Telephone No. <b>(505) 326-9837</b>	
Facility Name: <b>San Juan 32-7 Unit 83</b>	Facility Type: <b>Gas Well</b>	
Surface Owner <b>BLM</b>	Mineral Owner <b>BLM (SF-078542)</b>	API No. <b>30-045-26376</b>

### LOCATION OF RELEASE

Unit Letter <b>M</b>	Section <b>28</b>	Township <b>32N</b>	Range <b>7W</b>	Feet from the <b>460</b>	North/South Line <b>South</b>	Feet from the <b>660</b>	East/West Line <b>West</b>	County <b>San Juan</b>
-------------------------	----------------------	------------------------	--------------------	-----------------------------	----------------------------------	-----------------------------	-------------------------------	---------------------------

Latitude 36.94654 Longitude 107.57879

### NATURE OF RELEASE

Type of Release <b>Produced Water</b>	Volume of Release <b>13 BBL</b>	Volume Recovered <b>12 BBL</b>
Source of Release <b>Pit Tank</b>	Date and Hour of Occurrence <b>Unknown</b>	Date and Hour of Discovery <b>6/20/2013 at 1:30 PM</b>
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 <b>RCVD AUG 19 '13</b>	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. <b>OIL CONS. DIV. DIST. 3</b>	
If a Watercourse was Impacted, Describe Fully.* <b>N/A</b>		
Describe Cause of Problem and Remedial Action Taken.* <b>Pit tank discovered overflowing produced water. Approximately 13bbls produced fluid released. All fluid was contained within the berm. The well was immediately shut-in and a water truck called to location. 12bbls produced fluid recovered. Microblaze applied and raked.</b>		
Describe Area Affected and Cleanup Action Taken.* <b>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 10. Samples were collected and analytical results are below applicable NMOCD action levels. Chloride samples were collected at the request of the Aztec District NMOCD for information only. No further work will be performed. The final report is attached for review.</b>		
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: <b>Crystal Tafoya</b>	Approved by Environmental Specialist: 	
Title: <b>Field Environmental Specialist</b>	Approval Date: <b>9/11/2013</b>	Expiration Date:
E-mail Address: <b>crystal.tafoya@conocophillips.com</b>	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <b>8/19/2013</b> Phone: <b>(505) 326-9837</b>		

\* Attach Additional Sheets If Necessary

NJK 1325452856



August 16, 2013

Project Number 96052-2364

Ms. Crystal Tafoya  
ConocoPhillips  
3401 East 30<sup>th</sup> Street  
Farmington, New Mexico 87402

Phone: (505) 215-4361

**RE: SPILL ASSESSMENT DOCUMENTATION FOR THE SAN JUAN 32-7 #83 WELL SITE, SAN JUAN COUNTY, NEW MEXICO**

Dear Ms. Tafoya,

Enclosed please find the field notes and analytical results for spill assessment activities performed at the San Juan 32-7 #83 well site located in Section 28, Township 32 North, Range 7 West, San Juan County, New Mexico. Envirotech, Inc. personnel arrived on June 26, 2013, to perform spill assessment activities. At the above referenced location, a below ground tank (BGT) overflowed, releasing approximately 13 barrels of produced water into the area between the berms. Approximately 12 barrels of produced water were recovered. 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, surrounding the BGT, at the above referenced location was divided into two (2) sections: the north and the south; see enclosed **Field Notes**. Two (2) five (5)-point composite samples were collected from the area between the berms: one (1) from the north section and one (1) from the south section. 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 standard for TPH and organic vapor; see enclosed **Summary of Analytical Results** and **Analytical Results**. Additionally, both samples were placed into four (4)-ounce glass jars, capped head space free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory to be analyzed for chlorides using USEPA Method 4500. The north section sample returned a result of 1710 ppm for chlorides and the south section sample returned a result of 1060 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.

Respectfully submitted,  
**ENVIROTECH, INC.**

  
Tiffany McIntosh  
Staff Scientist  
[tmcintosh@envirotech-inc.com](mailto:tmcintosh@envirotech-inc.com)

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

Cc: Client File 96052

Conoco Phillips



(805) 632-0813 (800) 362-1879  
5798 U.S. Hwy 64, Farmington, NM 87401

96052-2364

COC No:

# FIELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 1 OF 1

LOCATION: NAME: San Juan 32-7 WELL #: 83  
QUAD/UNIT: M SEC: 28 TWP: 32 N RNG: 7W PM: CNTY: 5J ST: NM  
QTR/FOOTAGE: NA CONTRACTOR: NA

DATE STARTED: 6/26/13

DATE FINISHED: 6/26/13

# ENVIRONMENTAL

SPECIALIST: T. McIntosh

EXCAVATION APPROX:	NA	FT.	X	NA	FT.	X	NA	FT.	DEEP CUBIC YARDAGE:	NA
DISPOSAL FACILITY:	NA									

**DISPOSAL FACILITY:** NA

REMEDICATION METHOD: NA

LAND USE: NA

LEASE: NA

LAND OWNER: NA

CAUSE OF RELEASE: pit tank overflow

**MATERIAL RELEASED:** *produced water*

MATERIAL RELEASED: produce

SPILL LOCATED APPROXIMATELY: 63 FT. 185° FROM well head

DEPTH TO GROUNDWATER: 7' (40') NEARBY

DEPTH TO GROUNDWATER: 7100' NEAREST WATER SOURCE: NO FROM Well head NEAREST SURFACE WATER: 783

NMOCD RANKING SCORE: 10.

NMOCD TPH CLOSURE STD: 1000 PPM

SOIL AND EXCAVATION DESCRIPTION:

[illegible]

**SPILL PERIMETER**

## OVM RESULTS

## SPILL PROFILE

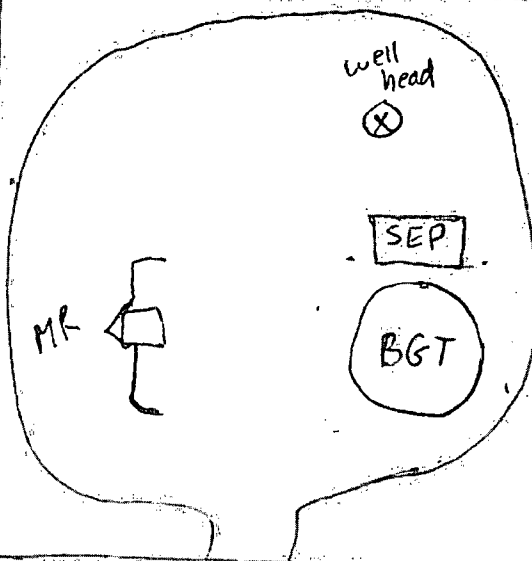
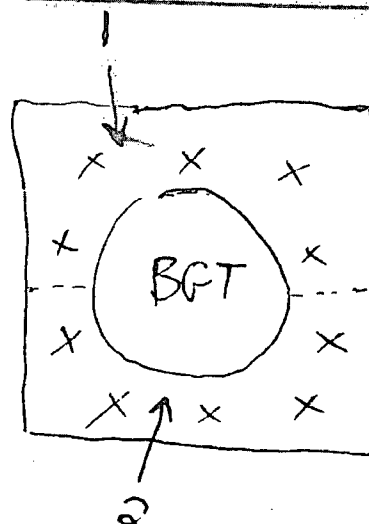
[illegible]

Table 1, Summary of Analytical Results  
 ConocoPhillips  
 San Juan 32-7 #83  
 Spill Assessment Report  
 San Juan County, New Mexico  
 Project Number 96052-2364

Sample Description	Sample Number	Date	TPH 418.1 (ppm)	Organic Vapor (ppm)	Chloride (ppm)
Jicarilla Apache Nation Standards	NA	NA	1000	100	NA
North Composite	1	6/26/2013	32	3.6	1710
South Composite	2	6/26/2013	84	3.1	1060

NS = Not Sampled

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

\* Values in **BOLD** above regulatory standards



**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	ConocoPhillips	Project #:	96052-2364
Sample No.:	1	Date Reported:	7/18/2013
Sample ID:	North Composite	Date Sampled:	6/26/2013
Sample Matrix:	Soil	Date Analyzed:	6/26/2013
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

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

<b>Total Petroleum Hydrocarbons</b>	<b>32</b>	<b>5.0</b>
-------------------------------------	-----------	------------

ND = Parameter not detected at the stated detection limit.

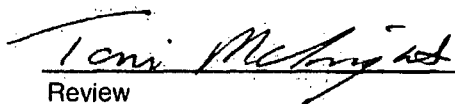
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **San Juan 32-7 #83**

Instrument calibrated to 200 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 #:	96052-2364
Sample No.:	2	Date Reported:	7/18/2013
Sample ID:	South Composite	Date Sampled:	6/26/2013
Sample Matrix:	Soil	Date Analyzed:	6/26/2013
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

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

Total Petroleum Hydrocarbons	84	5.0
------------------------------	----	-----

ND = Parameter not detected at the stated detection limit.

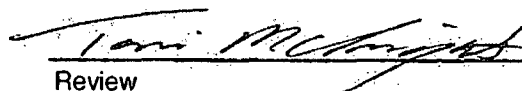
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **San Juan 32-7 #83**

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: 26-Jun-13

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	190
	200	
	500	
	1000	

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

Tiffany McIntosh  
Analyst

7/18/2013  
Date

Tiffany McIntosh  
Print Name

Toni McKnight  
Review

7/18/2013  
Date

Toni McKnight, EIT  
Print Name





## Analytical Report

### Report Summary

Client: ConocoPhillips

Chain Of Custody Number: 15747

Samples Received: 6/26/2013 2:55:00PM

Job Number: 96052-2364

Work Order: P306130

Project Name/Location: SJ 32-7 #83

Entire Report Reviewed By:

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

Date: 7/2/13

Tim Cain, Laboratory Manager

Supplement to analytical report generated on: 7/2/13 1:37 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.

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: SJ 32-7 #83  
Project Number: 96052-2364  
Project Manager: Tiffany McIntosh

Reported:  
02-Jul-13 13:45

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
North Composite	P306130-01A	Soil	06/26/13	06/26/13	Glass Jar, 4 oz.
South Composite	P306130-02A	Soil	06/26/13	06/26/13	Glass Jar, 4 oz.

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: SJ 32-7 #83  
Project Number: 96052-2364  
Project Manager: Tiffany McIntosh

Reported:  
02-Jul-13 13:45

North Composite  
P306130-01 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Cation/Anion Analysis										
Chloride	1710	9.99		mg/kg	1	1326035	27-Jun-13	27-Jun-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: SJ 32-7 #83  
Project Number: 96052-2364  
Project Manager: Tiffany McIntosh

Reported:  
02-Jul-13 13:45

**South Composite**  
**P306130-02 (Solid)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Cation/Anion Analysis</b>									
Chloride	1060	9.98	mg/kg	1	1326035	27-Jun-13	27-Jun-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	Project Name:	SJ 32-7 #83	Reported:
PO Box 2200	Project Number:	96052-2364	02-Jul-13 13:45
Bartlesville OK, 74005	Project Manager:	Tiffany McIntosh	

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 1326035 - Anion Extraction EPA 300.0

Blank (1326035-BLK1)

Prepared & Analyzed: 27-Jun-13

Chloride ND 9.99 mg/kg

Duplicate (1326035-DUP1)

Source: P306130-01

Prepared & Analyzed: 27-Jun-13

Chloride 1800 9.97 mg/kg 1710 5.11 30

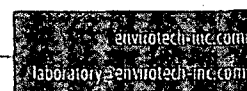
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

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: SJ 32-7 #83  
Project Number: 96052-2364  
Project Manager: Tiffany McIntosh

Reported:  
02-Jul-13 13:45

#### 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

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

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

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

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

# CHAIN OF CUSTODY RECORD

15747

Page 7 of 7

Client: <b>COPC</b>			Project Name / Location: <b>SJ 32-7 #83</b>			ANALYSIS / PARAMETERS													
Email results to: <b>T. McIntosh</b>			Sampler Name: <b>T. McIntosh</b>			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.: <b>90052-2364</b>																
Sample No. / Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative														
					HNO <sub>3</sub>	HCl	100%												
North Composite	6/26/13	1200	P306130-01	1-4oz jar			X												
South Composite	1	1205	P306130-02	1			1												
Relinquished by: (Signature) <i>Tiffany McIntosh</i>					Date	Time	Received by: (Signature) <i>[Signature]</i>					Date	Time						
Relinquished by: (Signature)					6/26/13	1455	Received by: (Signature)					6/26/13	1455						
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.



**envirotech**  
Analytical Laboratory

5795 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 • laboratory@envirotech-inc.com