

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>Burlington Resources Oil &amp; Gas 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>Schumacher 9B</b>	Facility Type: <b>Gas Well</b>	
Surface Owner <b>Federal</b>	Mineral Owner <b>Federal (SF-077764)</b>	API No. <b>30-045-30829</b>

LOCATION OF RELEASE

Unit Letter <b>P</b>	Section <b>17</b>	Township <b>30N</b>	Range <b>10W</b>	Feet from the <b>935</b>	North/South Line <b>South</b>	Feet from the <b>660</b>	East/West Line <b>East</b>	County <b>San Juan</b>
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Latitude **36.80778** Longitude **-107.90039**

NATURE OF RELEASE

Type of Release <b>Produced Water</b>	Volume of Release <b>12.4 BBLS</b>	Volume Recovered <b>10 BBLS</b>
Source of Release <b>Production Pit</b>	Date and Hour of Occurrence <b>Unknown</b>	Date and Hour of Discovery <b>12/27/2013 at 12:15PM</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	
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.\*  
N/A

RCVD MAR 11 '14  
OIL CONS. DIV.  
DIST. 3


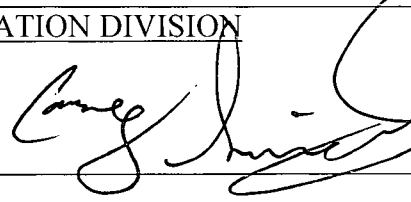
Describe Cause of Problem and Remedial Action Taken.\*

Adjustments were made to the well controller which caused the well to unload and allow 12.4bbls of Produced Water to be overflowed from the Production Pit. The well was immediately shut-in and a water truck called to location where 10bbls 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 10. 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: <b>Crystal Tafoya</b>		Approved by Environmental Specialist: 	
Title: <b>Field Environmental Specialist</b>		Approval Date: <b>4/25/14</b>	Expiration Date:
E-mail Address: <b>crystal.tafoya@conocophillips.com</b>		Conditions of Approval:	
Date: <b>3/10/2014</b> Phone: <b>(505) 326-9837</b>		Attached <input type="checkbox"/>	

\* Attach Additional Sheets If Necessary

Incident # **NCS 141 15409 64**



March 5, 2014

Project Number 92115-2549

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

Phone: (505) 326-9837  
Cell: (505) 215-4361

**RE: SPILL ASSESSMENT DOCUMENTATION FOR THE SCHUMACHER #9B (hBr) WELL SITE,  
SAN JUAN COUNTY, NEW MEXICO**

Dear Ms. Tafoya:

Enclosed please find the field notes for spill assessment activities performed at the Schumacher #9B (hBr) well site located in Section 17, Township 30 North, Range 10 West, San Juan County, New Mexico. On January 9, 2014, Envirotech, Inc. was contacted by ConocoPhillips to perform spill assessment activities for a release of approximately twelve barrels of produced water from a pit tank overflow. Upon Envirotech personnel's arrival on January 10, 2014, a brief site assessment was conducted. Due to a horizontal distance to surface water between 200 and 1000 feet from the site, a depth to groundwater greater than 100 feet, and the well site not located within a well head protection area, the regulatory standards 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.

One (1) five (5) point composite sample was collected from inside the berm, around the below grade tank (BGT), at the above referenced location; see enclosed **Field Notes** for sample location. The sample was analyzed in the field for TPH using USEPA Method 418.1 and for organic vapors using a photoionization detector (PID). The sample returned results below the regulatory standards for TPH and organic vapors; see enclosed **Field Notes**. Envirotech, Inc. recommends no further action in regards to this incident.

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

Respectfully submitted,  
**ENVIROTECH, INC.**

Isaac Garcia  
Environmental Field Technician  
[igarcia@envirotech-inc.com](mailto:igarcia@envirotech-inc.com)

Enclosure(s): Field Notes  
Cc: Client File Number 92115

Conoco Phillips



# envirotech

(623) 332-0018 (624) 332-1070  
5720 U.S. Hwy 64, Farmington, NH 07401

**Project No:**

5. 11. 2019

**COC No:**

# FIELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 21 OF 21

LOCATION: NAME: Schumacher #9B WELL #:

DATE STARTED: 7/10/14

QUAD/UNIT: P SEC: 17 TWP: 30N RNG: 10W PM: CNTY: ST: NM

**DATE FINISHED:** 1/10/14

QTR/FOOTAGE: \_\_\_\_\_ CONTRACTOR: \_\_\_\_\_

ENVIRONMENTAL  
SPECIALIST: T. Garcia

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

DISPOSAL FACILITY: \_\_\_\_\_ REMEDIATION METHOD: \_\_\_\_\_

LAND USE:	LEASE:	REMEDIATION METHOD:	LAND OWNER:
CAUSE OF RELEASE:			

CAUSE OF RELEASE: BGT 600 Flow MATERIAL RELEASED: Produced Water

SPILL LOCATED APPROXIMATELY: 95 FT. FROM WE 1200

DEPTH TO GROUNDWATER: 7100' NEAREST WATER SOURCE: 7300' FROM Well head  
INVOCD RANKING SCORE: NEAREST SURFACE WATER: 200-1000

NMOC D RANKING SCORE: 0 NMOC D TPH CLOSURE STD: 1200 PPM

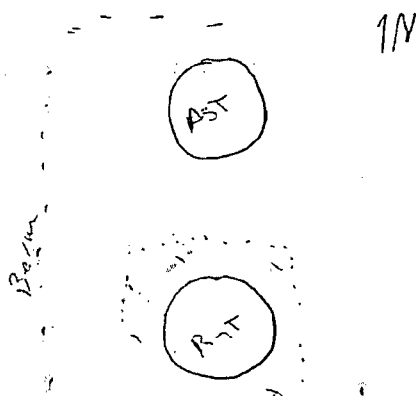
SOIL AND EXCAVATION DESCRIPTION:

[illegible]

## SPILL PERIMETER

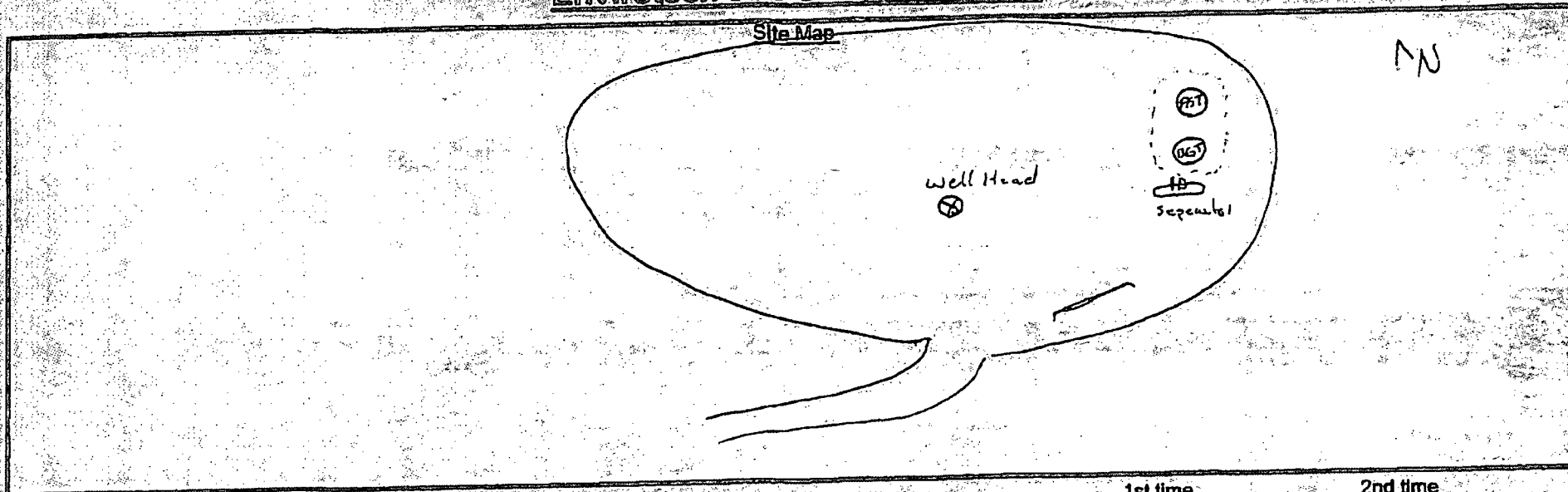
## OVM RESULTS

## SPILL PROFILE

[illegible]



# 



SSE	Name	Signature	Organization Name	1st time IN	OUT	2nd time IN	OUT
<input checked="" type="checkbox"/> 1)	Isaac Garcia	<i>[Signature]</i>	Enviro Tech	12:15			
<input type="checkbox"/> 2)							
<input type="checkbox"/> 3)							
<input type="checkbox"/> 4)							
<input type="checkbox"/> 5)							
<input type="checkbox"/> 6)							
<input type="checkbox"/> 7)							
<input type="checkbox"/> 8)							
<input type="checkbox"/> 9)							
<input type="checkbox"/> 10)							
<input type="checkbox"/> 11)							
<input type="checkbox"/> 12)							
<input type="checkbox"/> 13)							
<input type="checkbox"/> 14)							
<input type="checkbox"/> 15)							

Conducted By (printed)

Conducted By (signature)

Position

Employee recognition: Use this section to recognize an employee that has gone above and beyond their duty.

Department Manager: \_\_\_\_\_ Health & Safety Review: \_\_\_\_\_ Deficiencies Found \_\_\_\_\_



## Analytical Report

### Report Summary

Client: ConocoPhillips

Chain Of Custody Number: 16763

Samples Received: 3/20/2014 4:16:00PM

Job Number: 96052-1706

Work Order: P403068

Project Name/Location: Schumacher 9B

Entire Report Reviewed By:

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

Date: 3/24/14

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: Schumacher 9B  
Project Number: 96052-1706  
Project Manager: Crystal Tafoya

**Reported:**  
24-Mar-14 15:15

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Schumacher 9B	P403068-01A	Soil	03/20/14	03/20/14	Glass Jar, 4 oz.

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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

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



ConocoPhillips  
PO Box 2200  
Bartlesville OK, 74005

Project Name: Schumacher 9B  
Project Number: 96052-1706  
Project Manager: Crystal Tafoya

Reported:  
24-Mar-14 15:15

**Schumacher 9B**  
**P403068-01 (Solid)**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								

**Cation/Anion Analysis**

Chloride	1400	9.97	mg/kg	1	1412040	03/21/14	03/21/14	EPA 300.0		
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ConocoPhillips  
PO Box 2200  
Bartlesville OK, 74005

Project Name: Schumacher 9B  
Project Number: 96052-1706  
Project Manager: Crystal Tafoya

**Reported:**  
24-Mar-14 15:15

**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 1412040 - Anion Extraction EPA 300.0**

**Blank (1412040-BLK1)**

Prepared & Analyzed: 21-Mar-14

Chloride	ND	9.89	mg/kg
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**LCS (1412040-BS1)**

Prepared & Analyzed: 21-Mar-14

Chloride	490	9.95	mg/kg	498	98.5	90-110
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**Matrix Spike (1412040-MS1)**

**Source: P403058-01**

Prepared & Analyzed: 21-Mar-14

Chloride	660	9.92	mg/kg	496	157	101	80-120
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**Matrix Spike Dup (1412040-MSD1)**

**Source: P403058-01**

Prepared & Analyzed: 21-Mar-14

Chloride	658	9.94	mg/kg	497	157	101	80-120	0.326	20
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laboratory@envirotech-inc.com



ConocoPhillips  
PO Box 2200  
Bartlesville OK, 74005

Project Name: Schumacher 9B  
Project Number: 96052-1706  
Project Manager: Crystal Tafoya

**Reported:**  
24-Mar-14 15:15

#### 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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laboratory@envirotech-inc.com

\*NO RUSH

# CHAIN OF CUSTODY RECORD

16763

Client: <u>Conoco Phillips</u>			Project Name / Location: <u>Schumacher 9B</u>			ANALYSIS / PARAMETERS														
Email results to: <u>Crystal.Tafaya@cp.com</u>			Sampler Name: <u>C. Tafaya</u>			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.: <u>326-9837</u>			Client No.: <u>96052-1706</u>																	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative															
					HNO <sub>3</sub>	HCl														
<u>Schumacher 9B</u>	<u>3/20/14</u>	<u>2:47pm</u>	<u>P403068-01</u>	<u>1-4oz</u>			<u>X</u>											<u>X</u>		<u>X</u>
Relinquished by: (Signature) <u>Crystal Tafaya</u>					Date	Time	Received by: (Signature) <u>Amel D. B...</u>										Date	Time		
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.																				
<u>AMD 2369804</u> <u>CARRECS</u>																				
5795 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 • laboratory@envirotech-inc																	Page 6 of 6			