

District I  
1625 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 October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

### Release Notification and Corrective Action

#### OPERATOR

☐ Initial Report ☒ Final Report

Name of Company	ConocoPhillips Company	Contact	Kelsi Gurvitz
Address	3401 E. 30 <sup>th</sup> St., Farmington, NM 87402	Telephone No.	505-599-3403
Facility Name	Trail Canyon 101	Facility Type	Gas Well
Surface Owner	Private	Mineral Owner	Federal
		Lease No.	NM-33054
		API # 3004526983	

#### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	08	32N	08W	1850'	South	850'	East	San Juan

Latitude 36.9964° N Longitude 107.69026° W

#### NATURE OF RELEASE

Type of Release – <b>Produced Water</b>	Volume of Release – <b>35.4 BBL</b>	Volume Recovered – <b>35 BBL</b>
Source of Release: <b>Tank Overflow</b>	Date and Hour of Occurrence <b>unknown</b>	Date and Hour of Discovery <b>6/21/10 – 3:00 p.m.</b>
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? <b>Brandon Powell (voicemail and email)</b>	
By Whom? <b>Kelsi Gurvitz</b>	Date and Hour – <b>6/22/10 10:25 a.m.</b>	
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.*		

Describe Cause of Problem and Remedial Action Taken.\* **On June 22, 2010, it was discovered that the water tank was overflowing as the result of a telemetry malfunction. Upon discovery, the well was shut in and a water truck was called to location.**

Describe Area Affected and Cleanup Action Taken.\* **All fluid remained on location and within the berm. Approximately 35 BBLS of fluid were recovered. Confirmation sampling occurred and results were beneath the regulatory standards set forth in the NMOCD Guidelines for Remediation of Leaks, Spills, and Releases; therefore no further action is required.**

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: <i>Kelsi Gurvitz</i>	OIL CONSERVATION DIVISION	
Printed Name: <b>Kelsi Gurvitz</b>	Approved by District Supervisor: <i>Brandon Powell</i> Fax: <i>LP</i>	
Title: <b>Environmental Consultant</b>	Approval Date: <b>9/7/10</b>	Expiration Date:
E-mail Address: <b>kelsi.m.gurvitz@conocophillips.com</b>	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <b>8/23/10</b> Phone: <b>505-599-3403</b>		

\* Attach Additional Sheets If Necessary

nBP1025126445

V



August 4, 2010

Project No. 92115-1350

Ms. Kelsi Harrington  
ConocoPhillips  
3401 East 30<sup>th</sup> Street  
Farmington, New Mexico 87401

Phone: (505) 599-3403  
Cell: (505) 320-2461

**RE: SPILL ASSESSMENT DOCUMENTATION FOR THE TRAIL CANYON 101 (hBr) WELL SITE,  
SAN JUAN COUNTY, NEW MEXICO**


Dear Ms. Harrington,

Enclosed please find the field notes and analytical results for the spill assessment activities performed at the Trail Canyon #101 (hBr) well site located in Section 8, Township 32N, Range 8W, San Juan County, New Mexico. Upon Envirotech's arrival, a brief site assessment was conducted and the closure standard for the site was determined to be 1,000 ppm total petroleum hydrocarbons (TPH) and 100 ppm organic vapors (OV) due to a horizontal distance to surface water between 200 and 1,000 feet, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases.

Two (2) five (5) point composite samples were collected inside the bermed area at approximately six (6) – eight (8) inches below grade surface (BGS) using a hand auger. The samples were analyzed in the field for TPH using USEPA Method 418.1 and for organic vapors using a Photo-Ionization Detector (PID). Both samples returned results below the regulatory standards for organic vapors and TPH; therefore no excavation is required. 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.**

  
Scott Gonzales  
Senior Environmental Technician  
[sgonzales@envirotech-inc.com](mailto:sgonzales@envirotech-inc.com)

Enclosure(s): Field Notes  
Analytical Results

Cc: Client File No. 92115

nt: Conoco Phillips



Location No:

C.O.C. No:

# ELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 1 OF 1

DATE STARTED: 7-8-10

DATE FINISHED:

ATION: NAME: Trail Canyon WELL #: 101

AD/UNIT: I SEC: 8 TWP: 32N RNG: 8W PM: Nm PM CNTY: ST ST: NM

W/FOOTAGE: 1850 S + 850 E CONTRACTOR:

ENVIRONMENTAL

SPECIALIST: SG

AVATION APPROX: NA FT. X NA FT. X NA FT. DEEP CUBIC YARDAGE: NA

POSAL FACILITY: NA REMEDIATION METHOD: NA

ID USE: API-3004527096 LAND OWNER: Federal

ISE OF RELEASE: 1 tank leak MATERIAL RELEASED: Produced water

LOCATED APPROXIMATELY: 120 FT. NW FROM wellhead 1

TH TO GROUNDWATER: 100' NEAREST WATER SOURCE: 200-1000' NEAREST SURFACE WATER: 100'

DCD RANKING SCORE: 10 NMOC D TPH CLOSURE STD: 1000 PPM

## AND EXCAVATION DESCRIPTION:

36.99642691

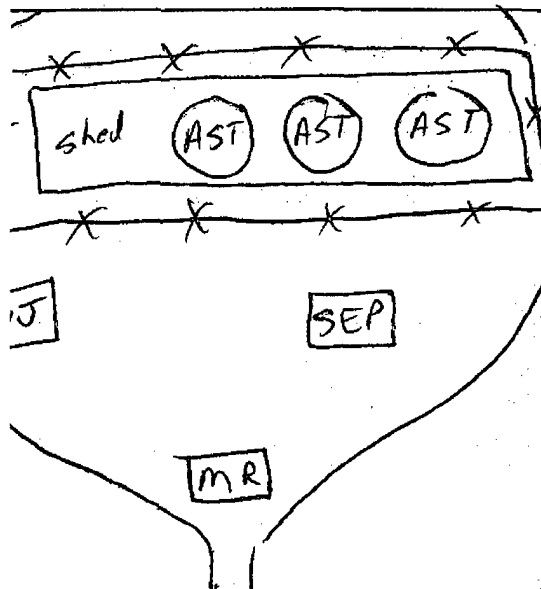
107.6910632

SAMPLE DESCRIPTION	TIME	SAMPLE ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
<u>200 Std</u>	<u>12:45</u>	<u>200 Std</u>					<u>189</u>	
<u>1 Spt. Comp</u>	<u>12:55</u>	<u>#1-Spt. Comp</u>	<u>1</u>	<u>5</u>	<u>20</u>	<u>4</u>	<u>116</u>	<u>64 ppm</u>
<u>2 Spt. Comp</u>	<u>13:00</u>	<u>#2-Spt. Comp</u>	<u>2</u>	<u>5</u>	<u>20</u>	<u>4</u>	<u>5</u>	<u>20 ppm</u>

## SPILL PERIMETER

## OVM RESULTS

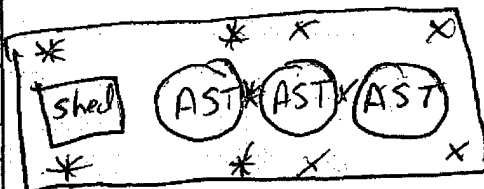
## SPILL PROFILE



SAMPLE ID	FIELD HEADSPACE PID (ppm)
<u>#1-Spt. Comp</u>	<u>1.8</u>
<u>#2-Spt. Comp</u>	<u>1.3</u>

X- 1st Spt. Comp.  
\*- 2nd Spt. Comp

LAB SAMPLES		
SAMPLE ID	ANALYSIS	TIME



LEVEL NOTES: \_\_\_\_\_ CALLED OUT: \_\_\_\_\_ ONSITE: \_\_\_\_\_



CONTINUOUS CALIBRATION  
EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS

Cal. Date: 8-Jul-10

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	189
	200	
	500	
	1000	

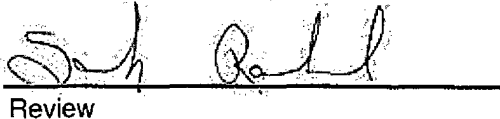
The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

  
Analyst

7-28-10  
Date

Scott Gonzales

Print Name

  
Review

7-28-10  
Date

Sarah Rowland, EIT

Print Name



**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client: ConocoPhillips  
Sample No.: 1  
Sample ID: #1 5 Point Composite  
Sample Matrix: Soil  
Preservative: Cool  
Condition: Cool and Intact

Project #: 92115-1350  
Date Reported: 7/19/2010  
Date Sampled: 7/8/2010  
Date Analyzed: 7/8/2010  
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	64	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: Trail Canyon #101 (hBr)

Instrument calibrated to 200 ppm standard. Zeroed before each sample

  
Analyst

Scott Gonzales  
Printed

  
Review

Sarah Rowland, EIT  
Printed



**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client: ConocoPhillips  
Sample No.: 2  
Sample ID: #2 5 Point Composite  
Sample Matrix: Soil  
Preservative: Cool  
Condition: Cool and Intact

Project #: 92115-1350  
Date Reported: 7/19/2010  
Date Sampled: 7/8/2010  
Date Analyzed: 7/8/2010  
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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Total Petroleum Hydrocarbons	20	5.0
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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: **Trail Canyon #101 (hBr)**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

  
Analyst

Scott Gonzales  
Printed

  
Review

Sarah Rowland, EIT  
Printed