

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 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**

30-039-26999

**OPERATOR**

☐ Initial Report

☒ Final Report

Name of Company <b>Burlington Resources, A Wholly Owned Subsidiary of ConocoPhillips Company</b>	Contact <b>Kelsi Harrington</b>	
Address <b>3401 E. 30<sup>th</sup> St., Farmington, NM 87402</b>	Telephone No. <b>505-599-3403</b>	
Facility Name <b>San Juan 30-6 Unit 1A</b>	Facility Type <b>Gas Well API #3003926999</b>	
Surface Owner <b>Private</b>	Mineral Owner <b>Federal</b>	Lease No. <b>NM-03416</b>

**LOCATION OF RELEASE**

Unit Letter <b>O</b>	Section <b>09</b>	Township <b>30N</b>	Range <b>06W</b>	Feet from the <b>1300'</b>	North/South Line <b>South</b>	Feet from the <b>1975'</b>	East/West Line <b>East</b>	County <b>Rio Arriba</b>
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Latitude **36.82337 ° N** Longitude **-107.46549° W**

**NATURE OF RELEASE**

Type of Release – <b>Produced Water</b>	Volume of Release – <b>31.7 BBL</b>	Volume Recovered – <b>30 BBL</b>
Source of Release: <b>Water Pit Tank</b>	Date and Hour of Occurrence <b>Unknown</b>	Date and Hour of Discovery <b>6/7/11 10:30 a.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 (NMOCD)- verbal &amp; email</b>	
By Whom? <b>Shelly Cook-Cowden</b>	Date and Hour – <b>6/9/2011 3:30 pm</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.\* **The pit overflowed due to a dump valve malfunction. Upon discovery, the well was shut-in and a water truck was called to location.**

Describe Area Affected and Cleanup Action Taken.\* **All fluids remained within the berm, specifically within the containment around the pit tank, and approximately 30 BBL of fluid were recovered. Confirmation sampling occurred and analytical results were below the regulatory standards set forth in the NMOCD Guidelines for Remediation of Leaks, Spills and Releases; therefore no further action is needed.**

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 Harrington</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: <b>Kelsi Harrington</b>	Approved by District Supervisor: <i>[Signature]</i>	
Title: <b>Field Environmental Specialist</b>	Approval Date: <b>10-18-11</b>	Expiration Date:
E-mail Address: <b>kelsi.g.harrington@conocophillips.com</b>	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <b>9/14/11</b>	Phone: <b>505-599-3403</b>	

\* Attach Additional Sheets If Necessary



n JK1129256041



September 13, 2011

Project Number 92115-1784

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

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

**RE: CONFIRMATION SAMPLING DOCUMENTATION FOR THE SAN JUAN 30-6 #1A (hBr), RIO ARriba COUNTY, NEW MEXICO**


Dear Ms. Harrington:

Enclosed please find the field notes for the confirmation sampling activities performed at the San Juan 30-6 #1A (hBr) well site located in Section 9, Township 30 North, Range 6 West, Rio Arriba County, New Mexico. Upon Envirotech personnel's arrival, on June 30, 2011, a brief site assessment was conducted and the regulatory standard for the site was determined to be 1000 parts per million (ppm) total petroleum hydrocarbons (TPH) and 100 ppm organic vapors due to a horizontal distance to surface water between 200 and 1000 feet, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases.

Two (2) samples were collected from inside the berm where a below ground tank (BGT) had overflowed, causing a release of produced water and incidental oil. One (1) composite sample was collected from the surface surrounding the BGT and one (1) sample was collected from approximately four (4) inches below the BGT; 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). The samples returned results below the regulatory standards for all constituents analyzed; 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.**

  
Crystal Delgai  
Environmental Field Technician  
[cdelgai@envirotech-inc.com](mailto:cdelgai@envirotech-inc.com)

Enclosure(s): Field Notes  
Analytical Results

Cc: Client File Number 92115

Client: <b>ConocoPhillips</b>	 envirotech (505) 632-0615 (800) 362-1879 5796 U.S. Hwy 64, Farmington, NM 87401	Project No: <b>Q2115-1784</b> COC No:
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**FIELD REPORT: SPILL CLOSURE VERIFICATION**

PAGE NO: <u>  1  </u> OF <u>  1  </u>
DATE STARTED: <u>6/30/11</u>
DATE FINISHED: <u>6/30/11</u>
ENVIRONMENTAL SPECIALIST: <u>C Delgan</u>

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LOCATION: NAME: San Juan 30-6 WELL #: 1A

QUAD/UNIT: O SEC: 9 TWP: 30N RNG: 6W PM: NM CNTY RA ST: NM

QTR/FOOTAGE: 1975 FELI 300FSL CONTRACTOR:

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EXCAVATION APPROX: N/A FT. X N/A FT. X N/A FT. DEEP CUBIC YARDAGE: N/A

DISPOSAL FACILITY: N/A REMEDIATION METHOD: N/A

LAND USE: Grazing LEASE: NNNM-0341K LAND OWNER: Federal

CAUSE OF RELEASE: BGT overflow MATERIAL RELEASED: Produced Water

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SPILL LOCATED APPROXIMATELY: In Berm FT. FROM 30039 26999 API

DEPTH TO GROUNDWATER: 140' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: 0'30"

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

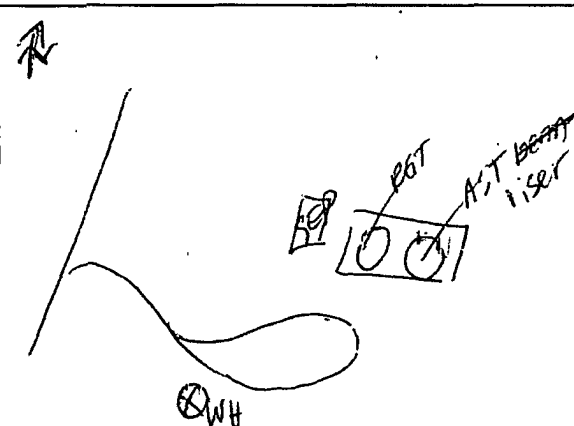
SOIL AND EXCAVATION DESCRIPTION:

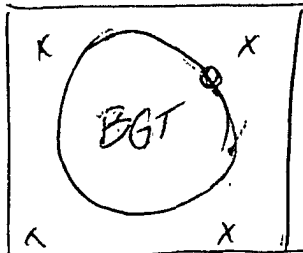
SAMPLE DESCRIPTION	TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
<u>ZDD STD</u>		<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>212</u>	<u>-</u>
<u>Surface Composite</u>		<u>1</u>		<u>5</u>	<u>70</u>	<u>4</u>	<u>104</u>	<u>416</u>
<u>Under BGT 4"</u>		<u>2</u>		<u>5</u>	<u>20</u>	<u>4</u>	<u>41</u>	<u>164</u>

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SPILL PERIMETER
OVM RESULTS
SPILL PROFILE



SAMPLE ID	FIELD HEADSPACE PID (ppm)
<u>100 STD</u>	<u>100</u>
<u>i</u>	<u>1.3</u>
<u>2</u>	<u>0.5</u>



X = Surface sample pts  
 O = Under BGT approx 4"

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TRAVEL NOTES: \_\_\_\_\_ CALLED OUT: \_\_\_\_\_ ONSITE: 16:00 - 17:30



**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client: ConocoPhillips  
Sample No.: 2  
Sample ID: Under BGT 4"  
Sample Matrix: Soil  
Preservative: Cool  
Condition: Cool and Intact

Project #: 92115-1784  
Date Reported: 7/29/2011  
Date Sampled: 6/30/2011  
Date Analyzed: 6/30/2011  
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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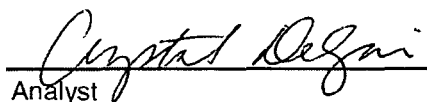
Total Petroleum Hydrocarbons	164	5.0
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ND = Parameter not detected at the stated detection limit.

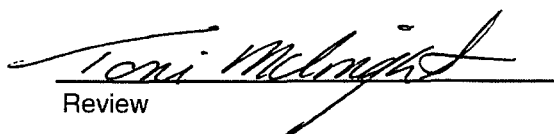
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **San Juan 30-6 #1A**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

  
Analyst

Crystal Delgai  
Printed

  
Review

Toni Mcknight, EIT  
Printed



EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS

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

Project #: 92115-1784  
Date Reported: 7/29/2011  
Date Sampled: 6/30/2011  
Date Analyzed: 6/30/2011  
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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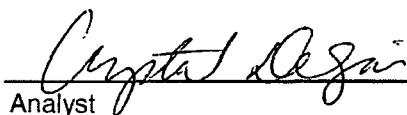
Total Petroleum Hydrocarbons	416	5.0
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ND = Parameter not detected at the stated detection limit.

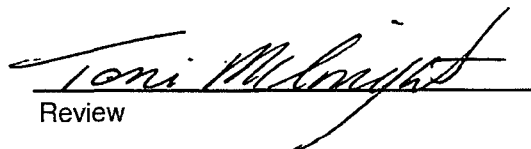
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **San Juan 30-6 #1A**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

  
Analyst

Crystal Delgai  
Printed

  
Review

Toni Mcknight, EIT  
Printed



CONTINUOUS CALIBRATION  
EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS

Cal. Date: 30-Jun-11

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	212
	200	
	500	
	1000	

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

Crystal Delgai  
Analyst

7/29/2011  
Date

Crystal Delgai  
Print Name

Toni Mcknight  
Review

7/29/2011  
Date

Toni Mcknight, EIT  
Print Name