

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

30-039-30419

OPERATOR

☐ Initial Report

☒ Final Report

Name of Company	Burlington Resources, a Wholly Owned Subsidiary of ConocoPhillips Company	Contact	Kelsi Gurvitz	
Address	3401 E. 30th St., Farmington, NM 87402	Telephone No.	505-599-3403	
Facility Name	San Juan 27-4 Unit #54N	Facility Type	Gas Well	API #3003930419
Surface Owner	Forest	Mineral Owner	Federal	Lease No. NMSF-080670

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	32	T27N	R04W	1266'	North	2574'	East	Rio Arriba

Latitude 36.533612° N Longitude 107.273379° W

NATURE OF RELEASE

Type of Release – Loose Connection	Volume of Release – 24.3 BBL	Volume Recovered – 0 BBL
Source of Release: Oil Dump Line	Date and Hour of Occurrence unknown	Date and Hour of Discovery 3/30/10 12:00 p.m.
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.*		

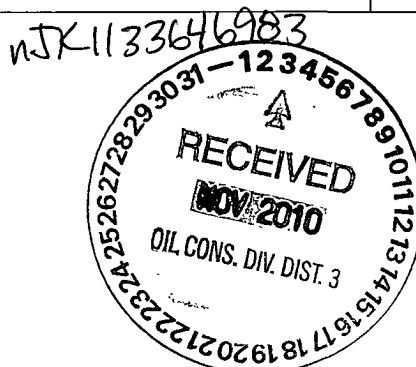
Describe Cause of Problem and Remedial Action Taken.* **On March 30, 2010, it was discovered that there was a loose hammer union on the oil dump line. Upon discovery, the hammer union was tightened.**

Describe Area Affected and Cleanup Action Taken.* **All fluid remained within berm and none was 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 Gurvitz</i>	OIL CONSERVATION DIVISION	
Printed Name: Kelsi Gurvitz	Approved by District Supervisor: <i>Jonathan D. Kelly</i>	
Title: Environmental Consultant	Approval Date: <i>12/6/2011</i>	Expiration Date:
E-mail Address: kelsi.m.gurvitz@conocophillips.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 12/1/10	Phone: 505-599-3403	

* Attach Additional Sheets If Necessary





June 28, 2010

Client No. 92115-1315

Ms. Kelsi Gurvitz
ConocoPhillips
3401 East 30th Street
Farmington, New Mexico 87401

Phone: (505) 599-3403

RE: CONFIRMATION SAMPLING AT THE SAN JUAN 27-4 #54N (hBr) WELL SITE, RIO ARriba COUNTY, NEW MEXICO

Dear Ms. Gurvitz,

Enclosed please find the field notes and analytical results for confirmation sampling activities conducted at the San Juan 27-4 #54N (hBr) well site located in Section 32, Township 27N, Range 4W, Rio Arriba County, New Mexico, where produced water was released from a below grade tank (BGT); see attached *Field Notes*. Upon arrival, a brief site assessment was conducted. Because depth to ground water was between 50 and 100 feet, and because distance to surface water was between 200 and 1000 feet, the closure standard was determined to be 100 ppm total petroleum hydrocarbons (TPH) and 100 ppm organic vapors, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Spills, Leaks, and Releases.

Five (5) composite samples were collected from the BGT pit. One (1) sample was collected from each of the four (4) walls, and one (1) sample was collected from the bottom. The samples were analyzed in the field for TPH using USEPA Method 418.1 and for organic vapors using a Photo Ionization Detector (PID). All of the samples returned results below the regulatory limits determined for this site; therefore, no excavation is required; see attached *Analytical Results*. 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.


René García
Environmental Technician
rgarcia@envirotech-inc.com

Enclosures: Field Notes
Analytical Results

Cc: Client File No. 92115

ent: COPE



Location No:
C.O.C. No:

ELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 1 OF 1
DATE STARTED: 6/3/10
DATE FINISHED: 6/3/10
ENVIRONMENTAL SPECIALIST: Rami

CATION: NAME: San Juan 27-4 WELL #: 54 N
AD/UNIT: B SEC: 37 TWP: 27N RNG: 4W PM: N.M. CNTY: P.A. ST: N.M.
R/FOOTAGE: 2574 FEL & 1266 FNL CONTRACTOR: M & T

CAVATION APPROX: 37 FT. X 32 FT. X 11 FT. DEEP CUBIC YARDAGE:
POSAL FACILITY: F F I REMEDIATION METHOD: Land Farm
ND.USE: LEASE: NMSF-080670 LAND OWNER: Federal
USE OF RELEASE: BGT overflow MATERIAL RELEASED: Produce Water
EL LOCATED APPROXIMATELY: 50 FT. S FROM Wellhead
PTH TO GROUNDWATER: <100 NEAREST WATER SOURCE: 1.06 miles NEAREST SURFACE WATER: 303'
OCD RANKING SCORE: 20 NMOCD TPH CLOSURE STD: 100 PPM
LAND EXCAVATION DESCRIPTION:

AMPLE DESCRIPTION	TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
	9:45	200 STD					199	
	10:00	100-71		5	20	1:4	16	64
	10:05	Control		1	1	1	5	20
	10:10	West		1	1	1	11	44
	10:15	East		1	1	1	16	64
	10:20	Bottom		1	1	1	09	36

SPILL PERIMETER

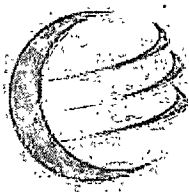
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
North	5
South	5.5
West	46.4
East	10.4
Bottom	40

LAB SAMPLES		
SAMPLE ID	ANALYSIS	TIME

SPILL PROFILE

AVEL NOTES: CALLED OUT: ONSITE:



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**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	ConocoPhillips	Project #:	92115-1315
Sample No.:	1	Date Reported:	6/4/2010
Sample ID:	North Wall	Date Sampled:	6/3/2010
Sample Matrix:	Soil	Date Analyzed:	6/3/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

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: **San Juan 27-4 #54N**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

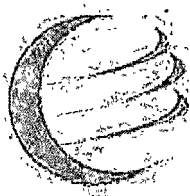
René Garcia

Printed

Review

Sarah Rowland

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**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	ConocoPhillips	Project #:	92115-1315
Sample No.:	2	Date Reported:	6/4/2010
Sample ID:	South Wall	Date Sampled:	6/3/2010
Sample Matrix:	Soil	Date Analyzed:	6/3/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

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: **San Juan 27-4 #54N**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

René Garcia

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Sarah Rowland

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**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	ConocoPhillips	Project #:	92115-1315
Sample No.:	3	Date Reported:	6/4/2010
Sample ID:	West Wall	Date Sampled:	6/3/2010
Sample Matrix:	Soil	Date Analyzed:	6/3/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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Total Petroleum Hydrocarbons	44	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 27-4 #54N**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

René Garcia

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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client: ConocoPhillips
Sample No.: 4
Sample ID: East Wall
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 92115-1315
Date Reported: 6/4/2010
Date Sampled: 6/3/2010
Date Analyzed: 6/3/2010
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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Total Petroleum Hydrocarbons	64	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 27-4 #54N

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

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**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client: ConocoPhillips
Sample No.: 5
Sample ID: Bottom
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 92115-1315
Date Reported: 6/4/2010
Date Sampled: 6/3/2010
Date Analyzed: 6/3/2010
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	36	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 27-4 #54N**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

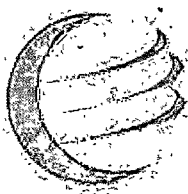
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CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 3-Jun-10

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	199
	200	
	500	
	1000	

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

Analyst

René Garcia

Print Name

Review

Sarah Rowland

Print Name

Date

Date