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

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	09	30N	06W	1300'	South	1975'	East	San Juan

Latitude **36.82337° N** Longitude **-107.46549° W**

NATURE OF RELEASE

Type of Release – **Produced Water**	Volume of Release – **10.2 BBL**	Volume Recovered – **10 BBL**
Source of Release: **Water Pit Tank**	Date and Hour of Occurrence **Unknown**	Date and Hour of Discovery **9/12/11 3:01 p.m.**
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour –	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* **The water pit tank overflowed as the result of improper installation of the auto shut-off valve. Upon discovery, the well was shut in & a water truck was called to location.**

Describe Area Affected and Cleanup Action Taken.* **All fluid was contained within the berm & approximately 10 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: Kelsi Harrington	OIL CONSERVATION DIVISION	
Printed Name: **Kelsi Harrington**	Approved by District Supervisor:	
Title: **Environmental Consultant**	Approval Date: 10/11/11	Expiration Date:
E-mail Address: **kelsi.g.harrington@conocophillips.com**	Conditions of Approval:	Attached ☐
Date: **10/3/2011** Phone: **505-599-3403**		

* Attach Additional Sheets If Necessary

nJK1129137070

RECEIVED
OCT 2011
OIL CONS. DIV. DIST. 3

envirotech

October 6, 2011 Project Number 92115-1964

Ms. Kelsi Harrington
ConocoPhillips
3401 East 30th 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 September 28, 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.

One (1) five (5) point composite sample was collected two (2) to four (4) inches below ground surface, where sandstone was encountered, from inside the berm where the below grade tank (BGT) had overflowed, causing a release of produced water and incidental oil; 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 sample returned results below the regulatory standards for organic vapors, but above regulatory standards for TPH; see enclosed ***Field Notes***. The sample was then collected into a four (4)-ounce glass jar, capped headspace free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory to be analyzed for TPH using USEPA Method 8015. The sample returned results below the regulatory standards for all constituents analyzed; see enclosed ***Analytical Results***. Therefore, 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.

Felipe Aragon
Environmental Field Technician
faragon@envirotech-inc.com

Enclosure(s): Field Notes
Analytical Results

Cc: Client File 92115

API = 3003926999

Client: ConocoPhillips

envirotech
(505) 632-0615 (800) 362-1879
5796 U.S. Hwy 64, Farmington, NM 87401

Project No: 92115-1964

COC No: 12651

FIELD REPORT: ~~SPILL CLOSURE~~ Confirmation VERIFICATION

PAGE NO: 1 OF

DATE STARTED: 9-28-11

DATE FINISHED:

ENVIRONMENTAL SPECIALIST: F. Arango

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

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

QTR/FOOTAGE: CONTRACTOR:

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

DISPOSAL FACILITY: REMEDIATION METHOD:

LAND USE: LEASE: LAND OWNER:

CAUSE OF RELEASE: Over flow MATERIAL RELEASED: Produced Water

SPILL LOCATED APPROXIMATELY: FT. FROM

DEPTH TO GROUNDWATER: N/A NEAREST WATER SOURCE: >200 NEAREST SURFACE WATER: >200

NMOCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 600 PPM

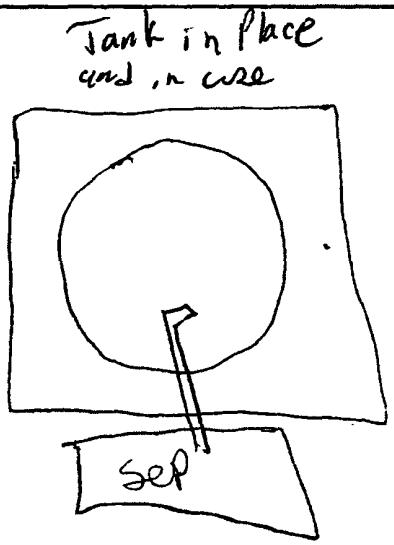
SOIL AND EXCAVATION DESCRIPTION: * High LEL!!

Tank is on Sandstone
Sand stone walls to the south, east & west
Approx 4' deep 18'X18'

22° from W.H
115' From W.H
To SW corner

SAMPLE DESCRIPTION	TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
200 STD	1:30						201	
Tank Comp	1:45	1		5	20	4	1992	[redacted] 7968

SPILL PERIMETER



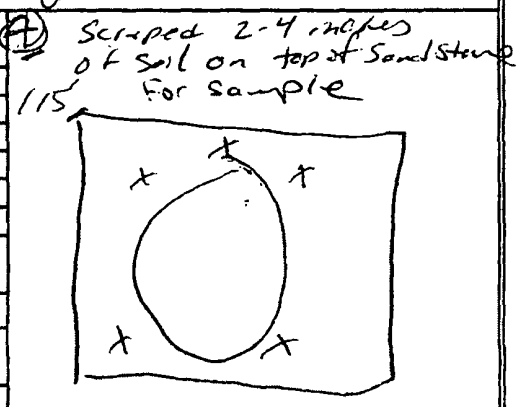
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1	0.2

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1	8015/[redacted]	1:41

SPILL PROFILE



TRAVEL NOTES: CALLED OUT: ONSITE:

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	92115-1964
Sample No.:	1	Date Reported:	10/5/2011
Sample ID:	Tank Composite	Date Sampled:	9/28/2011
Sample Matrix:	Soil	Date Analyzed:	9/28/2011
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**7,970**	**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 30-6 #1A (hBr)**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Felipe Aragon
Printed

Review

Toni McKnight, EIT
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

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CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 28-Sep-11

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	201
	500	
	1000	

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

Analyst — Date: 10/4/2011

Felipe Aragon
Print Name

Review — Date: 10/4/2011

Toni McKnight, EIT
Print Name

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Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	92115-1964
Sample ID:	Tank Comp.	Date Reported:	09-30-11
Laboratory Number:	59772	Date Sampled:	09-28-11
Chain of Custody No:	12651	Date Received:	09-28-11
Sample Matrix:	Soil	Date Extracted:	09-28-11
Preservative:	Cool	Date Analyzed:	09-29-11
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**0.2**	**0.1**
Total Petroleum Hydrocarbons	**0.2**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Spill Assessment / San Juan 30-6 #1A**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

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Analytical Laboratory

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	09-29-11 QA/QC	Date Reported:	09-29-11
Laboratory Number:	59670	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-29-11
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	40815	1.000E+03	1.000E+03	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	40815	1.006E+03	1.006E+03	**0.04%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**1.9**	**0.2**
Diesel Range C10 - C28	**4.6**	**0.1**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.00%**	**0 - 30%**
Diesel Range C10 - C28	**ND**	**ND**	**0.00%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**247**	**98.6%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**245**	**98.1%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 59670-59679, 59765-59773.**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505)632-0615 Fr (800)362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

Rush :)

CHAIN OF CUSTODY RECORD

12651

Client:	Project Name / Location:
ConocoPhillips	Spill Assessment / San Juan 30-6 #2A
Client Address:	Sampler Name: F. Aragon
Client Phone No.:	Client No.: 92115-1964

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl₂	Preservative HCl	Preservative Cool	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
Tank Comp.	9-28-11	1:41	59772	(Soil) Sludge Solid Aqueous	1/4oz			X	X													Y	Y
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
F. Aragon	9-28-11	16:37	Janet K Carpenter	9-28-11	1635
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

Rush :)

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