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

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company **ConocoPhillips Company**		Contact **Kelsi Gurvitz**	
Address **3401 E. 30th St., Farmington, NM 87402**		Telephone No. **505-599-3403**	
Facility Name **San Juan 29-6 Unit 66A**		Facility Type **Gas Well**	API #**3003921420000**
Surface Owner **Private**	Mineral Owner **Federal**		Lease No. **SF-080377**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	**09**	**29N**	**06W**	**1175'**	**North**	**990'**	**West**	**Rio Arriba**

Latitude 36.7368584° N **Longitude 107.47314° W**

NATURE OF RELEASE

Type of Release – **Produced Water & Condensate**	Volume of Release – **13 BBL (12 BBL produced water & 1 BBL condensate)**	Volume Recovered – **0 BBL**
Source of Release: **Production Tank**	Date and Hour of Occurrence **unknown**	Date and Hour of Discovery **4/21/10 10:30 a.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.* **On April 21, 2010, it was discovered that there was a leak in the Production tank as a result of corrosion. Upon discovery, the well was shut in and the tank contents were pulled.**

Describe Area Affected and Cleanup Action Taken.* **No fluid was recovered. Confirmation sampling was completed & results were below regulatory standards set forth in the NMOCD Guidelines for Remediation of Leaks, Spills & 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: Kelsi Gurvitz	OIL CONSERVATION DIVISION	
Printed Name: **Kelsi Gurvitz**	Approved by District Supervisor: Bob Hall For: CP	
Title: **Environmental Consultant**	Approval Date: 9/22/10	Expiration Date:
E-mail Address: **kelsi.m.gurvitz@conocophillips.com**	Conditions of Approval:	Attached ☐
Date: **6/14/10** Phone: **505-599-3403**		

* Attach Additional Sheets If Necessary

nBP1026533484

RECEIVED
JUN 2010
OIL CONS. DIV. DIST. 3

10

envirotech

June 3, 2010

Project No. 96052-1717

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

Phone: (505) 599-3403

RE: SPILL ASSESSMENT DOCUMENTATION FOR THE SAN JUAN 29-6 #66A WELL SITE, SAN JUAN COUNTY, NEW MEXICO

Dear Ms. Gurvitz,

Enclosed please find the field notes and analytical results for spill assessment activities conducted for a leaking above ground storage tank (AST) at the San Juan 29-6 #66A well site located in Section 9, Township 29N, Range 6W, Rio Arriba County, New Mexico.

Envirotech, Inc. arrived on site on May 17, 2010. Upon arrival, a brief site assessment was conducted. Because distance to surface water was between 200 and 1,000 feet, the closure standard was determined to be 1,000 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. One (1) five-point composite sample was collected from the area of release; see attached ***Field Notes***. The sample was analyzed in the field for TPH using USEPA Method 418.1 and for organic vapors using a Photo Ionization Detector (PID). The sample returned results below the regulatory limit of 100 ppm organic vapors; however, the sample returned results above the regulatory limit of 1,000 ppm TPH. Therefore, the sample was collected into a four (4)-ounce glass jar, capped headspace free, and transported on ice under chain of custody to Envirotech's laboratory to be analyzed for TPH using USEPA Method 8015, and for benzene and BTEX using USEPA Method 8021. The sample returned results below the regulatory limits of 1,000 ppm TPH, 10 ppm benzene, and 50 ppm BTEX; see attached ***Analytical Results***. Therefore, no excavation was required. Envirotech, Inc. recommends no further action in regards to this incident.

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

Respectfully Submitted,
ENVIROTECH, INC.

Barian Williamson
Senior Environmental Technician
bwilliamson@envirotech-inc.com

Enclosures: Field Notes
Analytical Results

Cc: Client File No. 96052

ient: Conocophillips

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

Location No: 96052-1717
C.O.C. No:

IELD REPORT: SPILL CLOSURE VERIFICATION

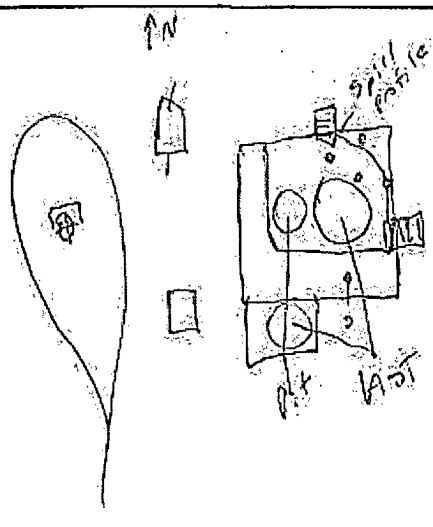
PAGE NO: 1 OF 1
DATE STARTED: 5/17/10
DATE FINISHED: 5/17/10
ENVIRONMENTAL SPECIALIST: B. Williamson

OCATION: NAME: San Juan 29-6 WELL #: 66A
JAD/UNIT: SEC: 9 TWP: 29N RNG: 6W PM: CNTY: RA ST: NM
R/FOOTAGE: CONTRACTOR: —

CAVATION APPROX: — FT. X — FT. X — FT. DEEP CUBIC YARDAGE: —
SPOSAL FACILITY: — REMEDIATION METHOD: —
ND USE: Grazing LEASE: — LAND OWNER: Private
USE OF RELEASE: Tank water MATERIAL RELEASED: Produced Water
ILL LOCATED APPROXIMATELY: Around AST on North Side FROM
PTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'
MOCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1000 PPM TPH
IL AND EXCAVATION DESCRIPTION: Leak from tank bottom seam. Collected 5-pt comp. from surface of spill. South-8' from base of ladder landing. NW-5' from steps, NE corner 12' from tank. E-2' from steps. Extent samples were taken within bermed area

SAMPLE DESCRIPTION	TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
182 std.	10:08	std.	—	—	—	—	190	190
5pt comp surface	10:19	1	—	5	20	4	377	1508

SPILL PERIMETER



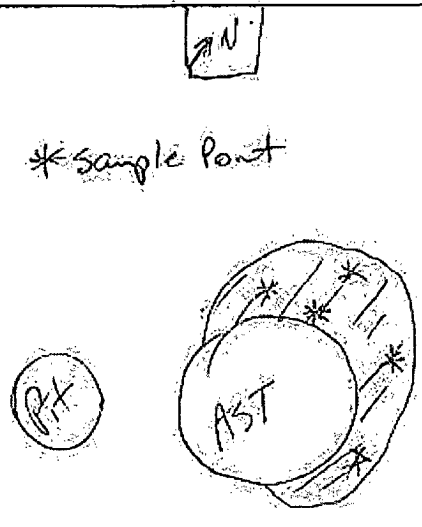
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1	82.1

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 #:	96052-1717
Sample No.:	1	Date Reported:	5/25/2010
Sample ID:	5-Point Composite	Date Sampled:	5/17/2010
Sample Matrix:	Soil	Date Analyzed:	5/17/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**1,510**	**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 29-6 #66A**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Barian Williamson
Printed

Review

Sarah Rowland
Printed

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CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 17-May-10

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	182	190
	500	
	1000	

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

Analyst — Date: 5/26/10

Barian Williamson
Print Name

Review — Date: 5/26/10

Sarah Rowland
Print Name

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EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	96052-1717
Sample ID:	5 Point Surface Composite	Date Reported:	05-19-10
Laboratory Number:	54266	Date Sampled:	05-17-10
Chain of Custody No:	9373	Date Received:	05-17-10
Sample Matrix:	Soil	Date Extracted:	05-17-10
Preservative:	Cool	Date Analyzed:	05-18-10
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**42.9**	**0.2**
Diesel Range (C10 - C28)	**346**	**0.1**
Total Petroleum Hydrocarbons	**389**	**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: **San Juan 29-6 #66A**

Analyst

Review

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EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-18-10 QA/QC	Date Reported:	05-19-10
Laboratory Number:	54241	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-10
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	1.1272E+003	1.1277E+003	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	05-07-07	1.2633E+003	1.2638E+003	**0.04%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**ND**	**ND**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**215**	**86.2%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**265**	**106%**	**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 54241 - 54243, 54246 - 54250, 54266 and 54277.**

Analyst

Review

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-1717
Sample ID:	5 Point Surface Composite	Date Reported:	05-18-10
Laboratory Number:	54266	Date Sampled:	05-17-10
Chain of Custody:	9373	Date Received:	05-17-10
Sample Matrix:	Soil	Date Analyzed:	05-18-10
Preservative:	Cool	Date Extracted:	05-17-10
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	5.9	0.9
Toluene	232	1.0
Ethylbenzene	142	1.0
p,m-Xylene	2,540	1.2
o-Xylene	654	0.9
Total BTEX	3,570	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**100 %**
	1,4-difluorobenzene	**99.7 %**
	Bromochlorobenzene	**90.2 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **San Juan 29-6 #66A**

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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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-18-BTEX QA/QC	Date Reported:	05-19-10
Laboratory Number:	54241	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-10
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff: Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.3325E+006	1.3352E+006	**0.2%**	**ND**	**0.1**
Toluene	1.2333E+006	1.2358E+006	**0.2%**	**ND**	**0.1**
Ethylbenzene	1.1055E+006	1.1077E+006	**0.2%**	**ND**	**0.1**
p,m-Xylene	2.7364E+006	2.7419E+006	**0.2%**	**ND**	**0.1**
o-Xylene	1.0376E+006	1.0397E+006	**0.2%**	**ND**	**0.1**

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	**18.0**	**16.1**	**10.6%**	**0 - 30%**	**0.9**
Toluene	**41.7**	**39.2**	**6.0%**	**0 - 30%**	**1.0**
Ethylbenzene	**20.1**	**16.4**	**18.4%**	**0 - 30%**	**1.0**
p,m-Xylene	**48.0**	**40.9**	**14.8%**	**0 - 30%**	**1.2**
o-Xylene	**18.7**	**19.4**	**3.7%**	**0 - 30%**	**0.9**

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	**18.0**	**50.0**	**55.9**	**82.3%**	**39 - 150**
Toluene	**41.7**	**50.0**	**94.3**	**103%**	**46 - 148**
Ethylbenzene	**20.1**	**50.0**	**77.4**	**110%**	**32 - 160**
p,m-Xylene	**48.0**	**100**	**156**	**106%**	**46 - 148**
o-Xylene	**18.7**	**50.0**	**77.7**	**113%**	**46 - 148**

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for Samples 54241 - 54243, 54246 - 54247, 54266 and 54277.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09373

Client: ConocoPhillips	Project Name / Location: San Juan 29-6 # 66A
Client Address:	Sampler Name: Barian Williamson
Client Phone No.:	Client No.: 96052-1717

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	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
5 point surface Composite	5/17/10	10:19	54266	(Soil) Solid Sludge Aqueous	1 - 4oz			X	X	X												4	4
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
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Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	5/17/10	14:39	Doris Thompson	5/17/10	14:39
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

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