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 **Shelly Cook-Cowden**
Address **3401 E. 30th St., Farmington, NM 87402**	Telephone No. **505-324-5140**
Facility Name **San Juan 29-6 Unit #5**	Facility Type **Gas API 3003907518**

Surface Owner **Federal**	Mineral Owner **Federal**	Lease No. **SF - 078426**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	**30**	**29N**	**6W**	**990**	**SOUTH**	**1650**	**WEST**	**Rio Arriba**

Latitude 36.6921196° N Longitude -107.50720 ° W

NATURE OF RELEASE

Type of Release: **Produced Water**	Volume of Release: **Unknown**	Volume Recovered:
Source of Release **BGT activities**	Date and Hour of Occurrence: **Unknown**	Date and Hour of Discovery **March 10, 2011**
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.*
Below Grade Tank closure activities

RECEIVED
APR 2011
OIL CONS. DIV. DIST. 3

Describe Area Affected and Cleanup Action Taken.*
The below grade tank sample results were above the regulatory standard for TPH, confirming a release. A site assessment was then conducted and the closure standard was determined to be 100 ppm TPH. Since the sample results were below the regulatory standards set forth in the NMOCD Guidelines foe Remediation of Leaks, Spills and Releases 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: Shelly Cook-Cowden	OIL CONSERVATION DIVISION	
Printed Name: Shelly Cook-Cowden	Approved by District Supervisor: Brandon Powell	
Title: Environmental Technician	Approval Date: 4/13/11	Expiration Date:
E-mail Address: Shelly.g.Cook-Cowden@ConocoPhillips.com	Conditions of Approval: nJK1122146497	Attached ☐
Date: **April 11, 2011** Phone: **505-324-5140**		

* Attach Additional Sheets If Necessary

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March 30, 2011 Project Number 96052-1912

Ms. Kelsi Harrington
ConocoPhillips
3401 East 30th Street
Farmington, New Mexico 87401 Phone: (505) 599-3403

RE: BELOW-GRADE TANK CLOSURE DOCUMENTATION FOR THE SAN JUAN 29-6 #5 WELL SITE, RIO ARRIBA COUNTY, NEW MEXICO

Dear Ms. Harrington,

Enclosed please find the field notes and analytical results for below-grade tank (BGT) closure activities performed at the San Juan 29-6 #5 well site located in Section 30, Township 29 North, Range 6 West, Rio Arriba County, New Mexico. Prior to Envirotech's arrival on March 10, 2011, the BGT had been removed. One (1) five (5)-point composite sample was collected from beneath the former BGT. The sample was analyzed in the field for total petroleum hydrocarbons (TPH) using USEPA Method 418.1, for organic vapors using a photoionization detector (PID), and for chloride. Additionally, the sample was placed 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, for benzene and BTEX using USEPA Method 8021 and for total chlorides using USEPA Method 4500. The sample returned results below the regulatory standards for benzene, BTEX, and chloride but above the regulatory standard of 100 parts per million (ppm) TPH using USEPA Method 418.1, confirming a release did occur; see attached ***Field Notes***.

A brief site assessment was conducted and the regulatory standards were determined to be 100 ppm TPH and 100 ppm organic vapors due to horizontal distance to surface water less than 200 feet, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Spills, Leaks, and Releases. The sample from beneath the former BGT returned results below the regulatory standards for TPH using USEPA Method 8015; see attached ***Analytical Results***. Envirotech, Inc. recommends no further action in regards to this incident.

Client: Conoco Phillips

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

Location No: 96052
C.O.C. No: 1912

FIELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 1 OF 1
DATE STARTED: 3/10/11
DATE FINISHED: 3/10/11
ENVIRONMENTAL SPECIALIST: C Delgan

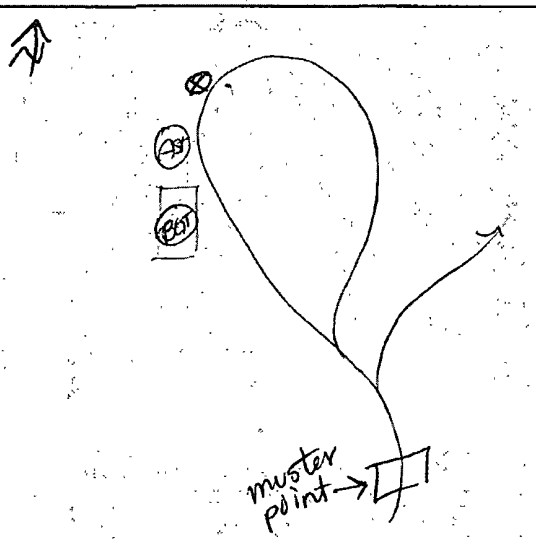
LOCATION: NAME: San Juan 29-6 WELL #: 5
QUAD/UNIT: N SEC: 30 TWP: 29N RNG: 6W PM: NM CNTY: RA ST: NM
QTR/FOOTAGE: 1660' W 990' S CONTRACTOR: —

EXCAVATION APPROX: — FT. X — FT. X — FT. DEEP CUBIC YARDAGE: —
DISPOSAL FACILITY: NA REMEDIATION METHOD: NA
LAND USE: Federal LEASE: — LAND OWNER: —
CAUSE OF RELEASE: BGT possible overflow MATERIAL RELEASED: Condensate

SPILL LOCATED APPROXIMATELY: ~~121~~ 63' FT. ~~124~~ 12° FROM WH 63 ft ~~120 ft~~
DEPTH TO GROUNDWATER: 210' NEAREST WATER SOURCE: NA NEAREST SURFACE WATER: 195'
NMOCD RANKING SCORE: ~~10~~ 20 NMOCD TPH CLOSURE STD: 100 ~~1000~~ PPM
SOIL AND EXCAVATION DESCRIPTION:

SAMPLE DESCRIPTION	TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
200 STD	10:55	—	—	—	—	—	193	—
BGT	10:59	1		5	20	4	41	164

SPILL PERIMETER



OVM RESULTS

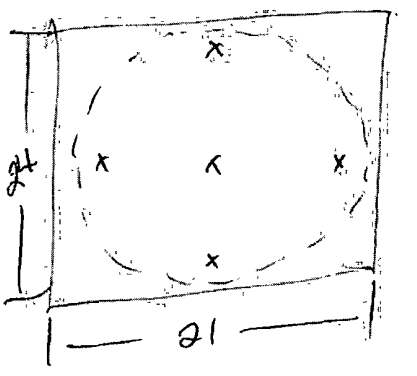
SAMPLE ID	FIELD HEADSPACE PID (ppm)
1	60.0

Chlorides
1 — 0.21 = <28

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1	8021	12:55
	Cl-	12:55

SPILL PROFILE



TRAVEL NOTES: CALLED OUT: ONSITE:

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-1912
Sample No.:	1	Date Reported:	3/14/2011
Sample ID:	BGT	Date Sampled:	3/10/2011
Sample Matrix:	Soil	Date Analyzed:	3/10/2011
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**164**	**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 #5**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Crystal Delgai
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Review

Toni McKnight, EIT
Printed

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Field Chloride

Client:	ConocoPhillips	Project #:	96052-1912
Sample No.:	1	Date Reported:	3/31/2011
Sample ID:	BGT	Date Sampled:	3/10/2011
Sample Matrix:	Soil	Date Analyzed:	3/10/2011
Preservative:	Cool	Analysis Needed:	Chloride
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Field Chloride	**ND**	**28.0**

ND = Parameter not detected at the stated detection limit.

References: "Standard Methods for the Examination of Water and Wastewater", 18th ed., 1992
Hach Company Quantab Titrators for Chloride

Comments: **San Juan 29-6 #5**

Analyst

Crystal Delgai
Printed

Review

Toni McKnight, EIT
Printed

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	0310BBLK QA/QC	Date Reported:	03-11-11
Laboratory Number:	57543	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-10-11
Condition:	N/A	Analysis:	BTEX
		Dilution:	10

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	4.1282E+006	4.1365E+006	0.2%	ND	0.1
Toluene	1.2631E+006	1.2656E+006	0.2%	ND	0.1
Ethylbenzene	9.8246E+005	9.8442E+005	0.2%	ND	0.1
p,m-Xylene	2.1470E+006	2.1513E+006	0.2%	ND	0.1
o-Xylene	8.1223E+005	8.1386E+005	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	1.0
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.0
p,m-Xylene	5.3	5.2	1.9%	0 - 30%	1.2
o-Xylene	4.0	3.7	7.5%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	500	553	111%	39 - 150
Toluene	ND	500	593	119%	46 - 148
Ethylbenzene	ND	500	576	115%	32 - 160
p,m-Xylene	5.3	1000	1,140	113%	46 - 148
o-Xylene	4.0	500	550	109%	46 - 148

ND - Parameter not detected at the stated detection limit.

Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

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 57542-57546

Analyst

Review

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CHAIN OF CUSTODY RECORD RUSH 11323

Client: Conoco Phillips	Project Name / Location: BGT Closure / SanJuan 29-6 #5
Client Address:	Sampler Name: Crystal Delgai
Client Phone No.:	Client No.: 96052-1912

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl₂	HCl	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
BGT	3/10/11	10:59	57543	(Soil) Sludge Solid Aqueous	1/4oz			✓	✓	✓								✓				Y	Y
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
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				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			

added 3/21 by Crystal Delgai @ 9:05AM

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Crystal Delgai	3/10/11	12:55	Randi Vaquera	3/10/11	12:55
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

RUSH

envirotech Analytical Laboratory

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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:	03-23-11 QA/QC	Date Reported:	03-23-11
Laboratory Number:	57543	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-23-11
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	03-23-11	9.9960E+002	1.0000E+003	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	03-23-11	9.9960E+002	1.0000E+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**

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**	**255**	**102%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**256**	**102%**	**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 57543, 57666-57668**

Analyst

Review

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