

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 Harrington
Address	3401 E. 30th St., Farmington, NM 87402	Telephone No.	505-599-3403
Facility Name	San Juan 31-6 Unit 213A	Facility Type	Gas Well
		API #	3003927807
Surface Owner	Federal	Mineral Owner	Federal
		Lease No.	NMNM-03404

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	05	30N	06W	447'	N	1880'	W	Rio Arriba

Latitude **36.84756° N** Longitude **-107.48885° W**

NATURE OF RELEASE

Type of Release – Produced Water	Volume of Release – 94 BBL	Volume Recovered – 90 BBL
Source of Release: Water Tank	Date and Hour of Occurrence unknown	Date and Hour of Discovery 7/16/10 11:00 a.m.
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell (NMOCD) – verbal & email follow-up Kevin Schneider (BLM) – verbal & email follow-up	
By Whom? Shelly Cook-Cowden	Date and Hour – 7/19/10 10:50 a.m.	
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 July 16, 2010, it was discovered that a water tank was overflowing as the result of a transfer pump malfunction. Upon discovery, the well was shut in & the transfer pump was manually started. A water truck was called to location.**

Describe Area Affected and Cleanup Action Taken.* **All fluid remained within the berm and approximately 90 BBL of fluid were recovered by the water truck. Excavation and confirmation sampling occurred. 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>	OIL CONSERVATION DIVISION	
Printed Name: Kelsi Harrington	Approved by District Supervisor: <i>Brandon Powell</i> For: CP	
Title: Environmental Consultant	Approval Date: 9/21/10	Expiration Date:
E-mail Address: kelsi.g.harrington@conocophillips.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 9/2/10 Phone: 505-599-3403		

* Attach Additional Sheets If Necessary



nBP1026431336



September 2, 2010

Project Number 96052-1763

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

Phone: (505) 599-3403
Fax: (505) 599-4005

RE: CONFIRMATION SAMPLING DOCUMENTATION FOR THE SAN JUAN 31-6 #213A WELL SITE, RIO ARRIBA COUNTY, NEW MEXICO

Dear Ms. Harrington,

Enclosed please find the field notes and analytical results for confirmation sampling activities performed at the San Juan 31-6 #213A well site located in Section 5, Township 30 North, Range 6 West, Rio Arriba County, New Mexico. Prior Envirotech's arrival on July 26, 2010, Kelly Oilfield Services hydro-excavated the stained area surrounding the above-ground storage tank (AST) removing most of the free standing contamination and visually contaminated gravel. Upon Envirotech's arrival, a brief site assessment was conducted and the regulatory standard for the site was determined to be 5000 parts per million (ppm) total petroleum hydrocarbons (TPH) and 100 ppm organic vapors, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases; see enclosed *Field Notes*.

On July 26, 2010, three (3) samples were collected from the visually stained area; see enclosed *Field Notes*. One (1) composite sample was collected from the perimeter of the liner at one (1) foot below ground surface (BGS), one (1) composite sample was collected from under the liner at one (1) foot BGS, and one (1) composite sample was collected from the berm at one (1) foot BGS. The samples were analyzed in the field for TPH using USEPA Method 418.1 and for organic vapors using a photoionization detector (PID). All samples returned results below the regulatory standard for TPH and organic vapors; see enclosed *Analytical Results*.

On September 1, 2010, Envirotech personnel returned to the site. One (1) composite sample was collected from the surface between the liner and the berm; see enclosed *Field Notes*. The sample was analyzed in the field for organic vapors using a PID and returned results below the regulatory standard for organic vapors. 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 Analytical Laboratory to be analyzed for TPH using USEPA Method 8015. The sample returned results below the regulatory standard for TPH; 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.



Sarah Rowland, EIT

Staff Engineer

srowland@envirotech-inc.com

Enclosure(s): Field Notes
Analytical Results

Cc: Client File 96052

nt: C O P C


envirotech
 (603) 632-0615 (800) 362-1070
 5706 U.S. Hwy 04, Farmington, NH 07401

Location No:

C.O.C. No:

FIELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 1 OF

DATE STARTED: 7/26/10

DATE FINISHED:

LOCATION: NAME: San Juan 31-6 WELL #: 213A

AD/UNIT: SEC: 5 TWP: 30 N RNG: 6 W PM: CNTY: 21 ST: NM

FOOTAGE: 447' N & 1880' W CONTRACTOR: Kelleg Oil Field Services

ENVIRONMENTAL

SPECIALIST: 16w

AVATION APPROX:

POSAL FACILITY:

ID USE:

USE OF RELEASE: Overflow (AST)

LEASE: NRMU03404 LAND OWNER: Fed

MATERIAL RELEASED: produce water + oil

LOCATED APPROXIMATELY: 50 FT.

FROM Wellhead

TH TO GROUNDWATER: >100' NEAREST WATER SOURCE:

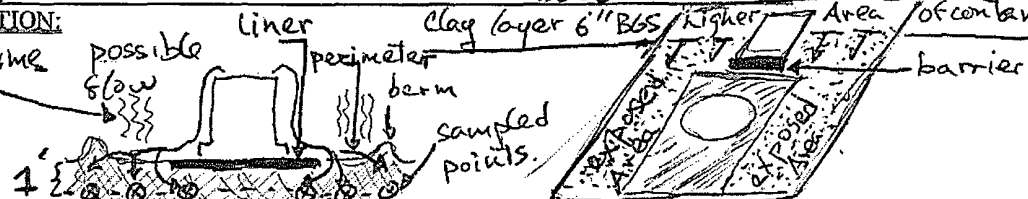
NEAREST SURFACE WATER: 1220'

OCD RANKING SCORE: 0

NMOCD TPH CLOSURE STD: 5000 PPM

AND EXCAVATION DESCRIPTION:

lower TPH in the interme
ate section due to
srier oil evaporation.

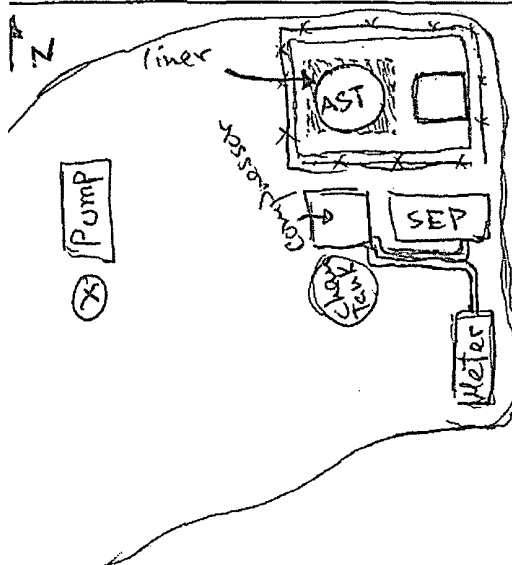


AMPLE DESCRIPTION	TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
214	17:05	200 std					213	
PT comp 1 BGS	17:05	perimeter		5	20	x 4	237	948
PT comp 1 BGS	17:10	liner 1'		1	1	1	564	2236
PT comp inner side	17:15	berm 1'					1235	4940

SPILL PERIMETER

OVM RESULTS

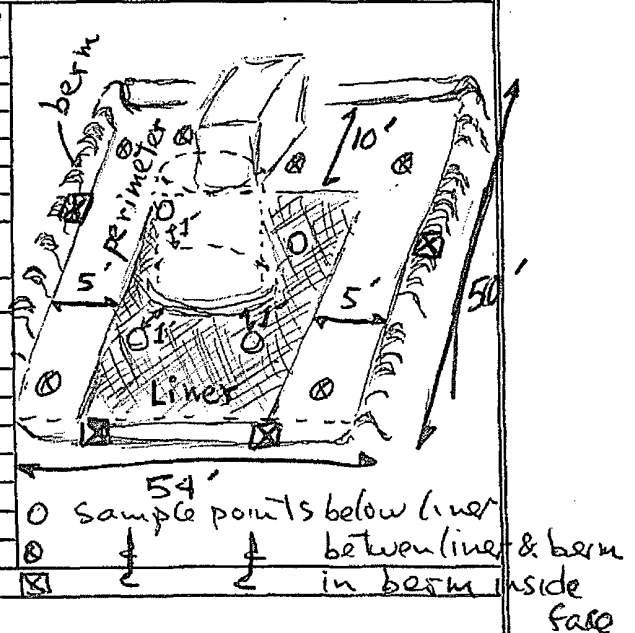
SPILL PROFILE



SAMPLE ID	FIELD HEADSPACE PID (ppm)
perimeter	0
liner	0
berm	0

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME



LEVEL NOTES: CALLED OUT:

ONSITE:



PHOTOIONIZATION
DETECTOR (PID)
ORGANIC VAPORS

Client:	ConocoPhillips	Project #:	96052-1763
Sample No.:	1	Date Reported:	9/2/2010
Sample ID:	5-pt. Surface Composite	Date Sampled:	9/1/2010
Sample Matrix:	Soil	Date Analyzed:	9/1/2010


Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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Organic Vapors	ND	0.1
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ND = Parameter not detected at the stated detection limit.

Comments: **San Juan 31-6 #213A**

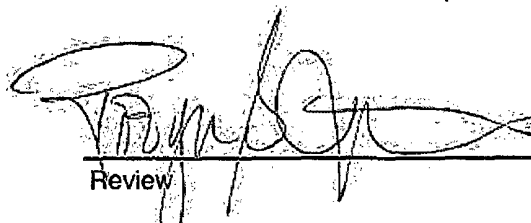
Instrument calibrated to 100 ppm standard. Zeroed before each sample



Analyst

Sarah Rowland, EIT

Printed



Review
Robyn Jones, EIT

Printed



envirotech

CONTINUOUS CALIBRATION
PHOTOIONIZATION DETECTOR (PID)
ORGANIC VAPORS

Cal. Date: 1-Sep-10

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	96

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

Analyst

9/2/2010

Date

Sarah Rowland, EIT

Print Name

Review

9/2/2010

Date

Robyn Jones, EIT

Print Name



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-1763
Sample No.:	1	Date Reported:	7/30/2010
Sample ID:	Perimeter @ 1' BGS	Date Sampled:	7/26/2010
Sample Matrix:	Soil	Date Analyzed:	7/26/2010
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	948	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 31-6 #213A well site**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

René Garcia

Printed

Review

Sarah Rowland, EIT

Printed



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	ConocoPhillips	Project #:	96052-1763
Sample No.:	2	Date Reported:	7/30/2010
Sample ID:	Liner @ 1' BGS	Date Sampled:	7/26/2010
Sample Matrix:	Soil	Date Analyzed:	7/26/2010
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	2,260	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 31-6 #213A well site**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

René Garcia

Printed

Review

Sarah Rowland, EIT

Printed



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	ConocoPhillips	Project #:	96052-1763
Sample No.:	3	Date Reported:	7/30/2010
Sample ID:	Berm @ 1' BGS	Date Sampled:	7/26/2010
Sample Matrix:	Soil	Date Analyzed:	7/26/2010
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	4,940	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 31-6 #213A well site**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

René Garcia

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Review

Sarah Rowland, EIT

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CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 26-Jul-10

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	213
	214	
	500	
	1000	

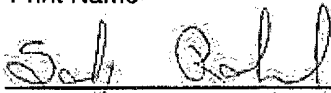
The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.



Analyst

René Garcia

Print Name



Review

Sarah Rowland, EIT

Print Name

9-2-10

Date

9/1/10

Date