

District I
525 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

30-039-27401

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company	ConocoPhillips Company	Contact	Kelsi Harrington
Address	3401 E. 30 th St., Farmington, NM 87402	Telephone No.	505-599-3403
Facility Name	San Juan 31-6 Unit 230A	Facility Type	Gas Well API#3003927401
Surface Owner	New Mexico Game & Fish	Mineral Owner	Federal
		Lease No.	SF-078999

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	27	31N	06W	1465'	South	935'	East	Rio Arriba

Latitude 36.86734° N Longitude -107.44379° W

NATURE OF RELEASE

Type of Release – Produced Water	Volume of Release – 58 BBL	Volume Recovered – 55 BBL
Source of Release: Transfer Pump	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 11/29/2010 1:18 p. 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 and follow-up email Kathy McKim (NM G&F) – Verbal and follow-up email	
By Whom? Kelsi Harrington	Date and Hour – 11/29/2010 3:55 p.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.* The release was caused by the transfer pump discharge ball valve freezing and breaking off. Upon discovery, the well was shut-in and a water truck was called to location.

Describe Area Affected and Cleanup Action Taken.* All fluid remained within berm and approximately 55 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: <i>Jonathan D. Kelly</i>	
Title: Environmental Consultant	Approval Date: 1/11/2012	Expiration Date:
E-mail Address: kelsi.g.harrington@conocophillips.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 12/16/10	Phone: 505-599-3403	

* Attach Additional Sheets If Necessary

NJK 1207137320





December 16, 2010

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



Project Number 96052-1839

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

RE: SPILL ASSESSMENT DOCUMENTATION FOR THE SAN JUAN 31-6 #230A WELL SITE, RIO ARriba COUNTY, NEW MEXICO

Dear Ms. Harrington,

Attached please find the field notes and analytical results for spill assessment activities performed at the San Juan 31-6 #230A well site located in Section 27, Township 31 North, Range 6 West, Rio Arriba County, New Mexico. Upon Envirotech's arrival on December 14, 2010, a brief site assessment was conducted. Due to surface water being between 200 and 1,000 feet from the well site, the regulatory standard for the site was determined to be 1,000 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.

Envirotech, Inc was contacted to assess a release of produced water at the above mentioned site due to a valve freeze. One (1) sample was collected from the center of the visually impacted area and one (1) composite sample was collected from entire visually impacted area. Both samples were analyzed in the field for TPH using USEPA Method 418.1 and for organic vapors using a photoionization detector (PID). Both samples returned results below regulatory standards for TPH and organic vapors; see attached *Field Notes*. Envirotech, Inc. recommends no further action in regards to this incident.

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

Respectfully Submitted,
ENVIROTECH, INC.

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

Enclosure(s): Field Notes
Analytical Results

Cc: Client File 96052

Client: C O P C



Location No:

C.O.C. No:

FIELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 1 OF 1

LOCATION: NAME: 55 31-6 WELL #: 270A
QUAD/UNIT: SEC: 27 TWP: 31N RNG: 6W PM: CNTY: RA ST: NM
QTR/FOOTAGE: CONTRACTOR: N/A

DATE STARTED: 12-14-10
DATE FINISHED: 12-14-10
ENVIRONMENTAL
SPECIALIST: BWW

EXCAVATION APPROX: N/A FT. X FT. X FT. DEEP CUBIC YARDAGE:
DISPOSAL FACILITY: N/A REMEDIATION METHOD:

LAND USE: Grazing LEASE: 3003927461 LAND OWNER: Fedeum
CAUSE OF RELEASE: valve freeze MATERIAL RELEASED: produced water

SPILL LOCATED APPROXIMATELY: FT. FROM
DEPTH TO GROUNDWATER: NEAREST WATER SOURCE: NEAREST SURFACE WATER:
NMOCD RANKING SCORE: NMOCD TPH CLOSURE STD: PPM

SOIL AND EXCAVATION DESCRIPTION: white ring marking spill area
Confirmation Report - no sample collected for lab per Kelsi.

SAMPLE DESCRIPTION	TIME	SAMPLE ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
246 STD	09:58	STD					2.45	
Surface	10:05	1		5	20	4	11	44
Spt Surface Comp	10:29	2		5	20	4	4	16

SPILL PERIMETER

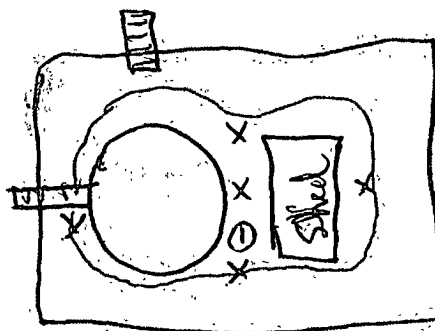
OVM
RESULTS

SPILL PROFILE

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1	0.0
2	0.0

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME



X-②-compositos

TRAVEL NOTES: CALLED OUT:

ONSITE @ 9:45 left @ 10:45



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client: ConocoPhillips
Sample No.: 1
Sample ID: Center
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 96052-1839
Date Reported: 12/15/2010
Date Sampled: 12/14/2010
Date Analyzed: 12/14/2010
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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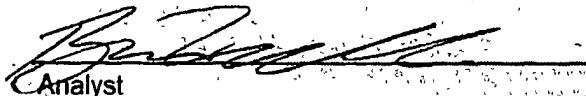
Total Petroleum Hydrocarbons	44	5.0
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ND = Parameter not detected at the stated detection limit.

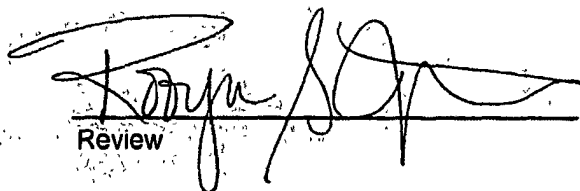
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: San Juan 31-6 #230A

Instrument calibrated to 200 ppm standard. Zeroed before each sample


Analyst

Barian Williamson, FT
Printed


Review

Robyn S. Jones, EIT
Printed



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client: ConocoPhillips
Sample No.: 2
Sample ID: 5 pt Surface Comp
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 96052-1839
Date Reported: 12/15/2010
Date Sampled: 12/14/2010
Date Analyzed: 12/14/2010
Analysis Needed: TPH-418.1

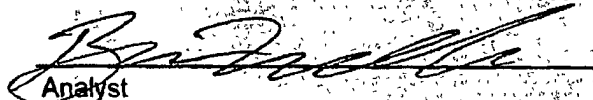
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	16	5.0

ND = Parameter not detected at the stated detection limit.

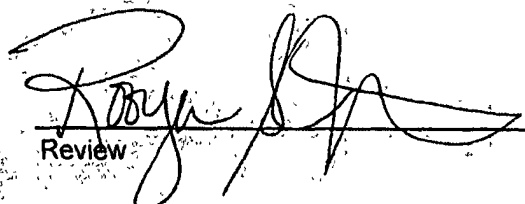
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **San Juan 31-6 #230A**

Instrument calibrated to 200 ppm standard. Zeroed before each sample


Analyst

Barian Williamson, FT
Printed


Review

Robyn S. Jones, EIT
Printed



CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 14-Dec-10

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	245
	246	
	500	
	1000	

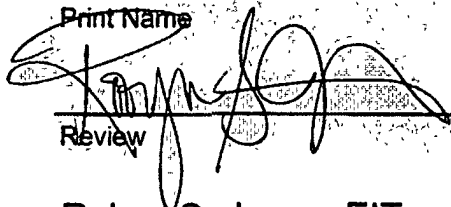
The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.


Analyst

12/15/2010
Date

Barian Williamson, FT

Print Name


Review

12/15/2010
Date

Robyn S. Jones, EIT

Print Name