

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. 30 th St., Farmington, NM 87402	Telephone No.	505-599-3403
Facility Name	San Juan 32-8 Unit 224A	Facility Type	Gas Well API #3004532182
Surface Owner	Federal	Mineral Owner	Federal
		Lease No.	SF-079004

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	10	31N	08W	1090'	South	790'	East	San Juan

Latitude 36.90737° N Longitude -107.65599° W

NATURE OF RELEASE

Type of Release –	Produced Water	Volume of Release –	5 BBL	Volume Recovered –	5 BBL
Source of Release:	Water Tank	Date and Hour of Occurrence	Unknown	Date and Hour of Discovery	3/4/2011 12:45 p.m.
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?			
By Whom?		Date and Hour –			
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 water tank overflowed due to an error in communication. Upon discovery, the pump jack was shut off, the well was shut in, and a water truck was called to location.**

Describe Area Affected and Cleanup Action Taken.* **All fluids were contained within the berm and approximately 5 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>[Signature]</i>
Title:	Environmental Consultant	Approval Date:	5/4/11
E-mail Address:	kelsi.g.harrington@conocophillips.com	Expiration Date:	
Date:	4/27/11	Conditions of Approval:	nJK1122357163
Phone:	505-599-3403	Attached	<input type="checkbox"/>

* Attach Additional Sheets If Necessary





April 21, 2011

Project Number 96052-1918

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

Phone: (505) 599-3403
Cell: (505) 320-2461

RE: SPILL ASSESSMENT DOCUMENTATION FOR THE SAN JUAN 32-8 #224A, SAN JUAN COUNTY, NEW MEXICO


Dear Ms. Harrington,

Enclosed please find the field notes and analytical results for the spill assessment activities performed at the San Juan 32-8 #224A well site located in Section 10, Township 31 North, Range 8 West, San Juan County, New Mexico due to a tank overflow. Upon Envirotech's arrival on March 25, 2011, a brief site assessment was conducted. Due to horizontal distance to surface water between 200 and 1000 feet from the site and depth to groundwater greater than 100 feet, the regulatory standards for the site were determined to be 1000 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.

One (1) five (5)-point composite sample was collected from the surface of visual staining within the berm where an aboveground storage tank (AST) is positioned next to a storage structure; see enclosed *Field Notes* for sample location. The sample was 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 TPH and organic vapors; see enclosed *Field Notes*. 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.


Crystal Delgai
Environmental Field Technician
cdelgai@envirotech-inc.com

Enclosure(s): Field Notes
Analytical Results
Cc: Client File 96052

Client: Conoco Phillips**envirotech**(505) 632-0615 (800) 362-1879
5786 U.S. Hwy 64, Farmington, NM 87401

Location No:

96052

C.O.C. No:

1918

FIELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 1 OF 1LOCATION: NAME: San Juan 32-8 WELL #: 224A
QUAD/UNIT: P SEC: 16 TWP: 31 NRNG: RW PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 790'E 1090'S CONTRACTOR: _____DATE STARTED: 3-25-11DATE FINISHED: 3-25-11

ENVIRONMENTAL

SPECIALIST: CDJR

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

DISPOSAL FACILITY: _____ REMEDIATION METHOD: _____

LAND USE: _____ LEASE: _____ LAND OWNER: FederalCAUSE OF RELEASE: Overflow AST MATERIAL RELEASED: Produced WaterSPILL LOCATED APPROXIMATELY: 164.7 FT. 295' FROM Wellhead 3004532182DEPTH TO GROUNDWATER: 1065' NEAREST WATER SOURCE: 21000' NEAREST SURFACE WATER: 904'NMOCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1000 PPM

SOIL AND EXCAVATION DESCRIPTION: _____

SAMPLE DESCRIPTION	TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
<u>200 STD</u>	<u>10:27</u>	_____	_____	_____	_____	_____	<u>206</u>	_____
<u>Spt Surface Composite</u>	<u>12:25</u>	<u>1</u>	_____	<u>5</u>	<u>20</u>	<u>4</u>	<u>201</u>	<u>804</u>

SPILL PERIMETER

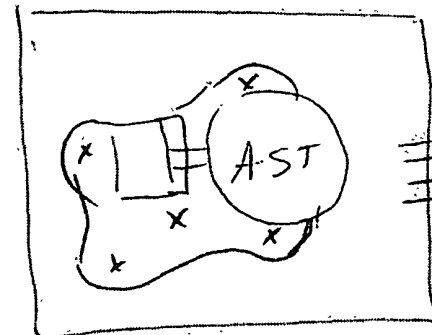
OVM
RESULTS

SPILL PROFILE

SAMPLE ID	FIELD HEADSPACE PID (ppm)
<u>1</u>	<u>0.0</u>

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
<u>No sample submitted upon K&S request</u>		



X = Sample points

TRAVEL NOTES: _____ CALLED OUT: _____ ONSITE: _____



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	ConocoPhillips	Project #:	96052-1918
Sample No.:	1	Date Reported:	4/4/2011
Sample ID:	5pt Surface Composite	Date Sampled:	3/25/2011
Sample Matrix:	Soil	Date Analyzed:	3/25/2011
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	804	5.0

ND = Parameter not detected at the stated detection limit.

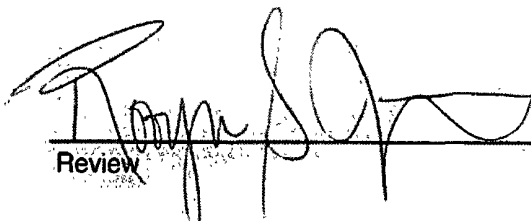
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **San Juan 32-8 #224A**

Instrument calibrated to 200 ppm standard. Zeroed before each sample


Analyst

Crystal Delgai
Printed


Review
Robyn Jones, EIT
Printed




CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 25-Mar-11

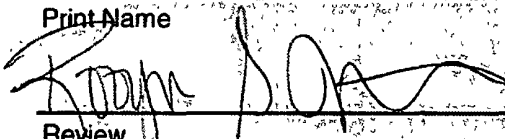
Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	206
	200	
	500	
	1000	

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


Analyst

4/4/2011
Date

Crystal Delgai
Print Name


Review

4/4/2011
Date

Robyn Jones, EIT
Print Name

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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 213	Facility Type	Gas Well API#3003924531
Surface Owner	Federal	Mineral Owner	Federal
		Lease No.	NM-03404

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	05	30N	06W	1865'	South	1595'	West	Rio Arriba

Latitude **36.83943° N** Longitude **-107.48935° W**

NATURE OF RELEASE

Type of Release – Produced Water	Volume of Release – 74 BBL	Volume Recovered – 80 BBL
Source of Release: Transfer Pump	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 2/2/2011 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 and email	
By Whom? Kelsi Harrington	Date and Hour – 2/3/2011 10:20 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.* **Freezing weather caused the suction hose on the transfer pump to break. Upon discovery, the leak was isolated and a water truck was called to location.**

Describe Area Affected and Cleanup Action Taken.* **All fluid was contained within the berm and approximately 80 BBL of fluid, including snow melt, was 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: <i>Kelsi Harrington</i>	OIL CONSERVATION DIVISION	
Printed Name: Kelsi Harrington	Approved by District Supervisor:	
Title: Environmental Consultant	Approval Date:	Expiration Date:
E-mail Address: kelsi.g.harrington@conocophillips.com	Conditions of Approval:	
Date: 3/30/2011 Phone: 505-599-3403	Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary



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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 213	Facility Type	Gas Well API#3003924531
Surface Owner	Federal	Mineral Owner	Federal
		Lease No.	NM-03404

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	05	30N	06W	1865'	South	1595'	West	Rio Arriba

Latitude 36.83943° N Longitude -107.48935° W

NATURE OF RELEASE

Type of Release –	Produced Water	Volume of Release –	74 BBL	Volume Recovered –	80 BBL
Source of Release	Transfer Pump	Date and Hour of Occurrence	Unknown	Date and Hour of Discovery	2/2/2011 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 and email		
By Whom?	Kelsi Harrington	Date and Hour –	2/3/2011 10:20 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 * **Freezing weather caused the suction hose on the transfer pump to break. Upon discovery, the leak was isolated and a water truck was called to location.**

Describe Area Affected and Cleanup Action Taken * **All fluid was contained within the berm and approximately 80 BBL of fluid, including snow melt, was 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:	<u>Kelsi Harrington</u>		
Printed Name:	Kelsi Harrington		
Title	Environmental Consultant	Approved by District Supervisor.	
E-mail Address	kelsi.g.harrington@conocophillips.com	Approval Date	Expiration Date.
Date	3/30/2011	Conditions of Approval.	Attached <input type="checkbox"/>
Phone	505-599-3403		

* Attach Additional Sheets If Necessary





March 24, 2011

Project No. 96052-1900

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 31-6 UNIT 213 WELL SITE,
RIO ARriba COUNTY, NEW MEXICO**

Dear Ms. Harrington:

Attached please find the field notes and analytical results for confirmation sampling activities performed at the San Juan 31-6 Unit 213 well site located in Section 5, Township 30 North, Range 6 West, Rio Arriba County, New Mexico. Produced water was released from a broken transfer pump within the AST berm located onsite. Upon Envirotech's arrival, a brief site assessment was conducted and the regulatory standards for the site was determined to be 5000 ppm TPH and 100 ppm organic vapors, due to ground water depth being greater than 100 feet and surface water greater than 1000 feet pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases.

One five (5)-point composite sample was collected from the surface of the spill area inside the berm; see attached *Field Notes*. The sample was analyzed in the field for total petroleum hydrocarbons (TPH) using USEPA Method 418.1 and for organic vapors using a photoionization detector (PID). Both samples returned results below regulatory standards for all constituents analyzed; see attached *Analytical Results*. 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.


René García Reyes
Senior Environmental Field Technician
rgarcia@envirotech-inc.com

Enclosure(s): Field Notes
Analytical Results

Cc: Client File No. 96052

[illegible]



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client: ConocoPhillips
Sample No.: 1
Sample ID: 5 Pt. Comp
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 96052-1900
Date Reported: 3/22/2011
Date Sampled: 3/1/2011
Date Analyzed: 3/1/2011
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------

Total Petroleum Hydrocarbons

72

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 Unit 213**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Rene Garcia-Reyes

Printed

Review

Toni McKnight, EIT

Printed



CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 1-Mar-11

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	198
	200	
	500	
	1000	

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

Analyst

3/22/2011

Date

Rene Garcia-Reyes

Print Name

Review

3/22/2011

Date

Toni McKnight, EIT

Print Name