

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

30-045-28549

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 32-7 Unit 301 SWD	Facility Type	SWD API#3004528549
Surface Owner	Federal	Mineral Owner	Federal
		Lease No.	SF-078998

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	34	32N	07W	735'	South	761'	West	San Juan

Latitude 36.9326500° N Longitude -107.5601200° W

NATURE OF RELEASE

Type of Release – Produced Water / Natural Gas	Volume of Release – 1.88 BBL / 46.1 MCF	Volume Recovered – 1.5 BBL
Source of Release: Wellhead	Date and Hour of Occurrence 5/13/11 1:47 p.m.	Date and Hour of Discovery 5/13/11 1:47 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	
By Whom? Jamie Goodwin	Date and Hour – 5/13/2011 6:00 pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. RCVD OCT 11 '11	

If a Watercourse was Impacted, Describe Fully.*

OIL CONS. DIV.

DIST. 2

Describe Cause of Problem and Remedial Action Taken.* **The SWD Operator at the San Juan 32-7 301 SWD began a timed blow down operation on the intermediate casing of the well. The operator began this operation at approximately 2:00 pm on Friday May 13, 2011. The initial pressure of the intermediate casing was at approximately 1200 psig. The pressure had been higher (1400 psig) earlier in the morning when a Bradenhead test was attempted but was stopped due to the pressure and potential safety concerns. At that time, pressure was blown down to approximately 1200 psig during the attempted test. Approval by NMOCD was received to blow down the intermediate pipe and the blow down began. The SWD Operator was adjusting one of the 1" above ground valves when it was noticed that the 1" pipe was vibrating. This occurred a few minutes after beginning the test. There were two 1' valves above ground and one 2" valve below ground. The 1" pipe broke off below ground and water and gas were released from the intermediate casing. The gas was allowed to bleed down to atmospheric pressure and it is estimated that it took approximately 45 minutes for the pressure to reach atmospheric. The lower 2" valve was closed once the gas pressure was bled off and it was deemed safe to do so. No personnel were hurt during this operation. Visual inspection of the broken 1" pipe indicated it was original to the well. Cameron Wellhead Systems were called and their personnel inspected the existing intermediate valve and re-piped the intermediate system.**

Describe Area Affected and Cleanup Action Taken.* **Confirmation sampling of the impacted area occurred and analytical results were under the regulatory requirements set forth in the NMOCD Guidelines for Remediation of Leaks, Spills and Releases; therefore no further action is required. During the incident investigation it was determined that the piping was the original installation piping and had not been brought up to COPC standard. All SWD wellheads have been inspected now to verify below ground wellhead piping is up to standard with 2" piping to surface for intermediate piping.**

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
Printed Name:	Kelsi Harrington

OIL CONSERVATION DIVISION

Approved by District Supervisor:

Jonathan D. Kelly

n JK120094253A

Title: Environmental Consultant	Approval Date:	Expiration Date:
E-mail Address: <u>kelsi.g.harrington@conocophillips.com</u>	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 5/27/11 Phone: 505-599-3403		

* Attach Additional Sheets If Necessary



August 11, 2011

Project Number 96052-1936

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

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

RE: SPILL ASSESSMENT AND CONFIRMATION SAMPLING DOCUMENTATION FOR THE SAN JUAN 32-7 UNIT 301 SWD, SAN JUAN COUNTY, NEW MEXICO

Dear Ms. Harrington,

Enclosed please find the field notes and analytical results for spill assessment and confirmation sampling activities performed at the San Juan 32-7 Unit 301 SWD located in Section 34, Township 32 North, Range 7 West, San Juan County, New Mexico. The wellhead on the location leaked, releasing liquid that traveled south from the wellhead for approximately 78 feet. Upon Envirotech's arrival, a brief site assessment was conducted and the cleanup standard for the site was determined to be 5000 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.

Prior to Envirotech's arrival, the contaminated soil had been scraped into a pile on site. Two (2) five (5)-point composite samples were collected from the site. One (1) composite sample was collected from around the wellhead and one (1) composite sample was collected from the contaminated soil pile; see enclosed *Field Notes*. The 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 the regulatory limits for TPH and organic vapors; see enclosed *Analytical Results*. Therefore, no additional excavation was required. 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.



Scott Gonzales

Senior Environmental Field Technician
sgonzales@envirotech-inc.com

Enclosure(s): Field Notes
Analytical Results

Cc: Client File Number 96052

Client: *Conoco*
96052-1936



C.O.C. No:

PAGE NO: 1 OF 1

DATE STARTED: 5-19-11

DATE FINISHED: 5-19-11

LOCATION: NAME: SAN JUAN 32-7 Unit WELL #: 301 SW D

QUAD/UNIT: SEC: 34 TWP: 32N RNG: 7W PM: NMM CNTY: ST: NM

OTR/FOOTAGE: CONTRACTOR:

ENVIRONMENTAL

SPECIALIST: 56

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

DISPOSAL FACILITY: _____ REMEDIATION METHOD: _____

LAND USE: LEASE: LAND OWNER:

CAUSE OF RELEASE: Wellhead leak MATERIAL RELEASED: Produced water

SPILL LOCATED APPROXIMATELY: 78 FT. 330° FROM *1111/1112*

DEPTH TO GROUNDWATER: $\times 100$ NEAREST WATER SOURCE: $\times 100$ NEAREST SURFACE WATER: $\times 1000$

NMOC Ranking Score: 0 NMOC TPH Closure Std: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

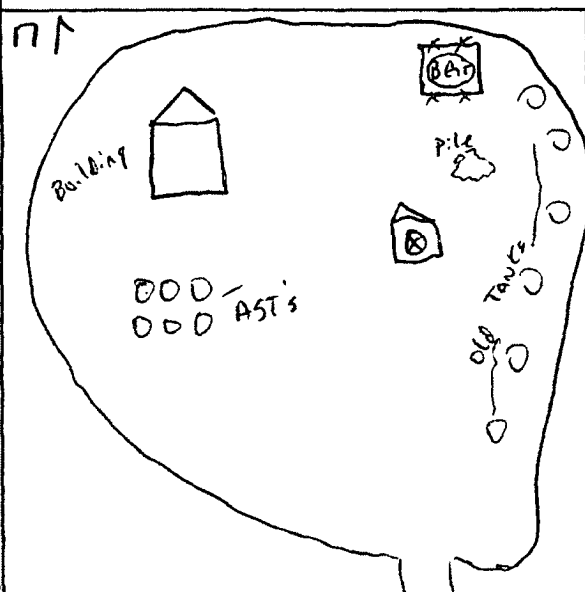
met w/ Clint Haskin w/ Conoco
Wellhead leaked and went down location for approx 78' ft.
Contaminated soil was scraped up and in a pile
Spoke w/ Kelsi: no samples needed in lab

[illegible]

SPILL PERIMETER

OVM RESULTS

SPILL PROFILE

[illegible]

TRAVEL NOTES: CALLED OUT: ONSITE:



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	ConocoPhillips	Project #:	96052-1936
Sample No.:	1	Date Reported:	6/10/2011
Sample ID:	5 Pt. Composite Wellhead	Date Sampled:	5/19/2011
Sample Matrix:	Soil	Date Analyzed:	5/19/2011
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

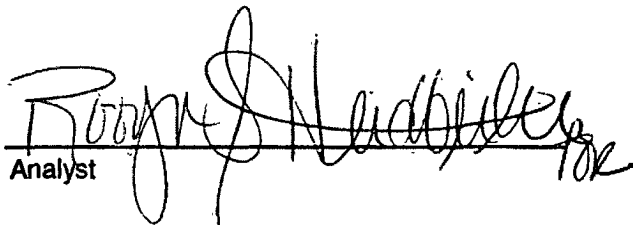
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	600	5.0

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 32-7 Unit 301 SWD**

Instrument calibrated to 200 ppm standard. Zeroed before each sample


Analyst

Scott Gonzales
Printed


Review

Toni McKnight, EIT
Printed



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	ConocoPhillips	Project #:	96052-1936
Sample No.:	2	Date Reported:	6/10/2011
Sample ID:	5 Pt. Composite Soil Pile	Date Sampled:	5/19/2011
Sample Matrix:	Soil	Date Analyzed:	5/19/2011
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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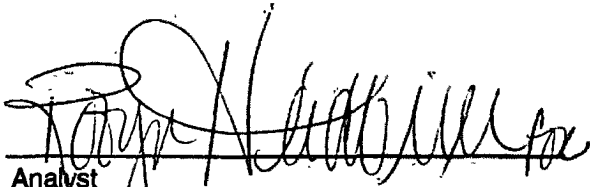
Total Petroleum Hydrocarbons	336	5.0
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ND = Parameter not detected at the stated detection limit.

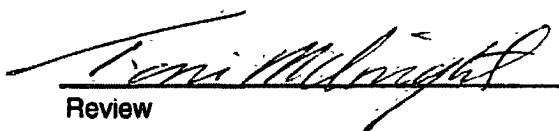
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **San Juan 32-7 Unit 301 SWD**

Instrument calibrated to 200 ppm standard. Zeroed before each sample


Analyst

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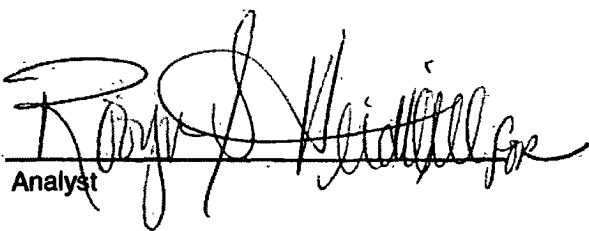


CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 19-May-11

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	212
	200	
	500	
	1000	

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


Analyst

Scott Gonzales

Print Name


Review

Toni McKnight, EIT

Print Name

6/10/2011

Date

6/10/2011

Date