

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 #244	Facility Type	Gas Well
			API # 300-45-28321
Surface Owner	Federal	Mineral Owner	Federal
		Lease No	NMSF-080854

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	14	T31N	R08W	1573'	North	1660'	East	San Juan

Latitude 36.89997° N Longitude 107.64147° W

NATURE OF RELEASE

Type of Release – Produced Water, Slop Oil, & Corrosion Inhibitor	Volume of Release – 30 BBLS	Volume Recovered – 29 BBLS
Source of Release. Suction Hose on Water Transfer Pump	Date and Hour of Occurrence 12/21/09 or prior (unknown)	Date and Hour of Discovery 12/21/09 –10:00 a.m.
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input 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 * **On December 21, 2009, it was discovered that the production tank was releasing fluids as the suction hose going to the water transfer pump malfunctioned. Upon discovery, the well was shut in and a water truck was called to location.**

Describe Area Affected and Cleanup Action Taken * **All fluid was contained within the berm. Approximately 29 BBLS of fluid was recovered. 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>Bob Bell</i>	
Title: Environmental Consultant	Approval Date: <i>1/26/11</i>	Expiration Date:
E-mail Address: kelsi.g.harrington@conocophillips.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 1/25/11 Phone: 505-599-3403	<i>nJK1122338177</i>	

* Attach Additional Sheets If Necessary



9



July 16, 2010

Project No. 96052-1731

Ms. Kelsi Gurvitz
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 32-8 #244 WELL SITE, SAN JUAN COUNTY, NEW MEXICO**

Dear Ms. Gurvitz;

Enclosed please find the field notes and analytical results for confirmation sampling activities performed at the San Juan 32-8 #244 well site located in Section 14, Township 31N, Range 8W, San Juan County, New Mexico. Prior to Envirotech's arrival, the area of release had been excavated to approximately 75' x 45' x 4' deep by M & M Trucking. Upon Envirotech's arrival, a brief site assessment was conducted. Because distance to surface water was less than 200 feet from the well site and, the cleanup standard for the site was determined to be 100 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.

Five (5) composite samples were collected from the excavation. One (1) composite sample was collected from each of the four (4) walls, and one (1) composite sample was collected from the bottom at four (4) feet below ground surface (BGS). The samples were analyzed in the field for TPH using USEPA Method 418.1 and for organic vapors using a Photo Ionization Detector (PID). All of the samples collected from the walls and bottom returned results below the regulatory limit of 100 ppm TPH and were non-detect for organic vapors; therefore no further excavation is required. Envirotech Incorporated 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.

Toni McKnight, EIT
Staff Engineer/Geologist
tmcknight@envirotech-inc.com

Enclosure(s): Field Notes
Analytical Results

Cc: Client File: 96052

ent: CONOCOPhillips 96052-1731	 envirotech <small>(800) 832-0818 (500) 362-1870 5786 U.S. Hwy 64, Farmington, NM 87401</small>	Location No: C.O.C. No:
--	---	--------------------------------

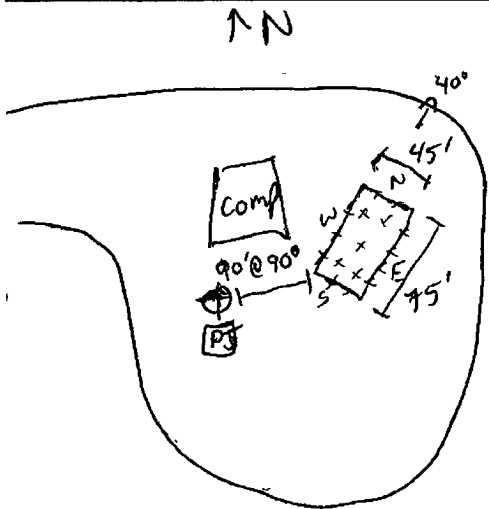
ELD REPORT: SPILL CLOSURE VERIFICATION	PAGE NO: <u>1</u> OF <u>1</u> DATE STARTED: <u>June 22, 2010</u> DATE FINISHED: <u>June 22, 2010</u>
CATION: NAME: <u>San Juan 32-8</u> WELL #: <u>244</u> AD/UNIT: <u>---</u> SEC: <u>14</u> TWP: <u>31N</u> RNG: <u>8W</u> PM: <u>NM</u> CNTYS: <u>ST: NM</u> R/FOOTAGE: <u>1572' FNL & 1660' FEL</u> CONTRACTOR: <u>M&M</u>	ENVIRONMENTAL SPECIALIST: <u>TCM</u>

CAVATION APPROX: <u>75</u> FT. X <u>45</u> FT. X <u>4</u> FT. DEEP CUBIC YARDAGE:
POSAL FACILITY: <u>IE1</u> REMEDIATION METHOD: <u>Landfarm</u>
ND USE: <u>Grazing</u> LEASE: <u>SF 000854</u> LAND OWNER:
USE OF RELEASE: <u>Leaking AST</u> MATERIAL RELEASED: <u>Produced Water / Incidental</u>
LL LOCATED APPROXIMATELY: <u>90°</u> FT. <u>90°</u> FROM Wellhead 1
PTH TO GROUNDWATER: <u>= 120</u> NEAREST WATER SOURCE: <u>> 1000</u> NEAREST SURFACE WATER: <u>< 110</u>
OCD RANKING SCORE: <u>20</u> NMOCD TPH CLOSURE STD: <u>100</u> PPM

LAND EXCAVATION DESCRIPTION:
 Excavation to Final Extents of 75' x 45' x 4' deep upon Arrival at location.
 Center of Excavation = Lat. 36° 54.0031' N All samples collected
 107° 38.4927' W were composite.

AMPLE DESCRIPTION	TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
STD 196	10:00	---	---	---	---	---	197	---
North Wall	10:20	1	---	5	20	4	16	64
South Wall	10:23	2	---	5	20	4	14	56
East Wall	10:24	3	---	5	20	4	10	40
West Wall	10:31	4	---	5	20	4	22	88
Bottom @ 4'	10:15	5	---	5	20	4	18	72

SPILL PERIMETER



= samples collected.


OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
STD 100	98

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

SPILL PROFILE



AVEL NOTES: _____ CALLED OUT: _____ ONSITE: _____



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

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

Project #: 96052-1731
Date Reported: 6/24/2010
Date Sampled: 6/22/2010
Date Analyzed: 6/22/2010
Analysis Needed: TPH-418.1

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

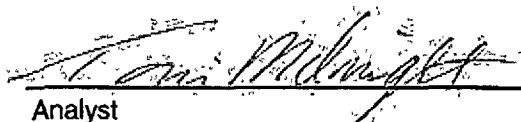
Total Petroleum Hydrocarbons	64	5.0
------------------------------	----	-----

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 #244**

Instrument calibrated to 196 ppm standard. Zeroed before each sample


Analyst

Toni McKnight, EIT
Printed


Review

Sarah Rowland, EIT
Printed



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client: ConocoPhillips
Sample No.: 2
Sample ID: South Wall
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 96052-1731
Date Reported: 6/24/2010
Date Sampled: 6/22/2010
Date Analyzed: 6/22/2010
Analysis Needed: TPH-418.1

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

Total Petroleum Hydrocarbons	56	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 #244**

Instrument calibrated to 196 ppm standard. Zeroed before each sample


Analyst

Toni McKnight, EIT
Printed


Review

Sarah Rowland, EIT
Printed



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client: ConocoPhillips
Sample No.: 3
Sample ID: East Wall
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 96052-1731
Date Reported: 6/24/2010
Date Sampled: 6/22/2010
Date Analyzed: 6/22/2010
Analysis Needed: TPH-418.1

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


Total Petroleum Hydrocarbons	40	5.0
------------------------------	----	-----

ND = Parameter not detected at the stated detection limit.

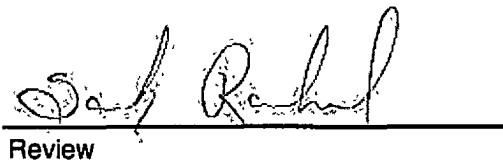
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **San Juan 32-8 #244**

Instrument calibrated to 196 ppm standard. Zeroed before each sample


Analyst

Toni McKnight, EIT
Printed


Review

Sarah Rowland, EIT
Printed



envirotech

**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client: ConocoPhillips
Sample No.: 4
Sample ID: West Wall
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 96052-1731
Date Reported: 6/24/2010
Date Sampled: 6/22/2010
Date Analyzed: 6/22/2010
Analysis Needed: TPH-418.1

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

Total Petroleum Hydrocarbons

88

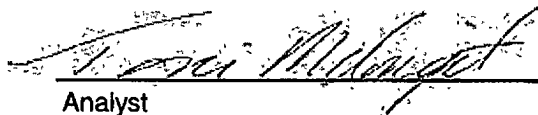
5.0

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 #244**

Instrument calibrated to 196 ppm standard. Zeroed before each sample


Analyst

Toni McKnight, EIT
Printed


Review

Sarah Rowland, EIT
Printed



envirotech

**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client: ConocoPhillips
Sample No.: 5
Sample ID: Bottom
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 96052-1731
Date Reported: 6/24/2010
Date Sampled: 6/22/2010
Date Analyzed: 6/22/2010
Analysis Needed: TPH-418.1

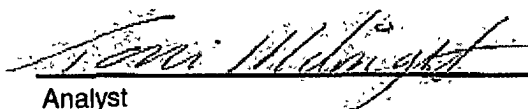
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	72	5.0

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 32-8 #244**

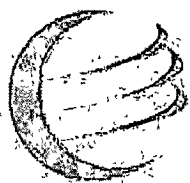
Instrument calibrated to 196 ppm standard. Zeroed before each sample


Analyst

Toni McKnight, EIT
Printed


Review

Sarah Rowland, EIT
Printed



envirotech

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 22-Jun-10

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	196	197
	500	
	1000	

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


Analyst

7-15-10
Date

Toni McKnight, EIT

Print Name


Review

7/15/10
Date

Sarah Rowland, EIT

Print Name