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 August 8, 2011

Submit 1 Copy to appropriate District Office to accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company **ConocoPhillips Company**	Contact **Crystal Tafoya**
Address 3401 East 30th St, Farmington, NM	Telephone No.(505) 326-9837
Facility Name: **State B Gas Com 1**	Facility Type: **Gas Well**

Surface Owner **State**	Mineral Owner **State (NM-1463)**	API No.**3004508222**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	**16**	**29N**	**10W**	**975**	**South**	**1755**	**West**	**San Juan**

Latitude 36.94954 Longitude -108.354630

NATURE OF RELEASE

Type of Release **Hydrocarbon**	Volume of Release **19.5 BBLS**	Volume Recovered **0 BBLS**
Source of Release **Production Tank**	Date and Hour of Occurrence **Unknown**	Date and Hour of Discovery **12/20/2013 at 9:45 AM**
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

OIL CONS. DIV DIST. 3

MAY 15 2014

If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*
Soil staining discovered around production tank indicating fluid release. Tank was gauged confirming a leak of 19.5BBLS Hydrocarbon. The well was immediately shut-in and a SPEC truck called to location to transfer remaining fluid. Release remaining in containment and did not leave location.

Describe Area Affected and Cleanup Action Taken.*
NMOCD action levels for releases are specified in NMOCD's Guidelines for Leaks, Spills and Releases and the release was assigned a ranking score of 10. Samples were collected and analytical results were above applicable NMOCD action levels. Excavation and confirmation sampling occurred. The excavation was 15' x 25' x 5' and 125 cubic yards of soil was transported to a third party landfarm. Analytical results for TPH and BTEX were below the regulatory standards set forth in the NMOCD Guidelines for Remediation of Leaks, Spills and Release; therefore no further action is required. The final report is attached for review

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: Crystal L. Tafoya	OIL CONSERVATION DIVISION
Printed Name: **Crystal Tafoya**	Approved by Environmental Specialist: Jonathan D Kelly
Title: **Field Environmental Specialist**	Approval Date: 9/4/2014 Expiration Date:
E-mail Address: crystal.tafoya@conocophillips.com	Conditions of Approval: Attached ☐
Date: 5/12/2014 Phone: (505) 326-9837	

* Attach Additional Sheets If Necessary

nJK1424738670

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May 9, 2014 Project Number 96052-2439

Ms. Crystal Tafoya
ConocoPhillips
3401 East 30th Street
Farmington, New Mexico 87402

Phone: (505) 215-4361
Office: (505) 326-9837

RE: CONFIRMATION SAMPLING DOCUMENTATION FOR THE STATE B GAS COM #1 WELL SITE, SAN JUAN COUNTY, NEW MEXICO

Dear Ms. Tafoya,

Enclosed please find the field notes and analytical results for confirmation sampling activities performed at the State B Gas Com #1 well site located in Section 16, Township 29 North, Range 10 West, San Juan County, New Mexico; see enclosed ***Field Notes***. An above ground storage tank (AST) at the above referenced well site overflowed, releasing condensate and produced water into the surrounding area; see enclosed ***Field Notes***.

Upon Envirotech personnel's arrival on February 18, 2014, a brief site assessment was conducted and a job safety analysis (JSA) was completed. Because depth to groundwater was greater than 100 feet, nearest surface water was between 200 and 1000 feet, and the well site was not located within a well head protection area, 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.

The release area had been excavated prior to Envirotech's arrival on site. The excavation was 15 feet by 25 feet by five (5) feet deep. The excavation was screened using a photoionization detector (PID). The excavation was divided in half and the west section had very high organic vapor readings. To minimize sample collection and analysis, it was decided by the on-site to excavate more on the west side, with screening conducted at various depths, until the organic vapor levels were below 100 ppm. The west half of the excavation was extended an additional 15 feet to the west and an additional nine (9) feet deep. This was determined by conducting organic vapor screenings as the crew excavated. The west half of the excavation was excavated to a final depth of 14 feet below ground surface (BGS). The east half of the excavation stayed at the original depth of five (5) feet BGS; see enclosed ***Field Notes***.

Five (5) five (5)-point composite soil samples were collected: *North Wall Composite, East Wall Composite, South Wall Composite, Bottom Composite* (east half of the excavation), and *Bottom Composite + 9'* (west half of the excavation); see enclosed ***Field Notes***. All five (5) samples were analyzed in the field for TPH using USEPA Method 418.1 and for organic vapors using a

PID. The *North Wall Composite*, *South Wall Composite*, *Bottom Composite* and *Bottom Composite + 9* samples returned results below the regulatory standards for TPH and organic vapor; see enclosed ***Field Notes***, ***Analytical Results*** and ***Summary of Analytical Results***. The *East Wall Composite* sample returned results above the regulatory standards for TPH and organic vapor; see enclosed ***Field Notes***, ***Analytical Results*** and ***Summary of Analytical Results***.

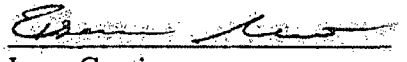
The east wall was extended horizontally an additional two (2) feet. One (1) additional five (5)-point composite soil sample, *East Wall + 2'*, was collected from the east wall of the excavation; see enclosed ***Field Notes***. The sample was analyzed in the field for TPH using USEPA Method 418.1 and for organic vapors using a photoionization detector (PID). The sample returned results below the regulatory standards for TPH and organic vapor; see enclosed ***Field Notes***, ***Analytical Results*** and ***Summary of Analytical Results***.

One (1) five (5)-point composite soil sample, *Wall Composite @ 14'*, was collected from the 14 feet BGS walls of the entire excavation; see enclosed ***Field Notes***. 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 vapor; see enclosed ***Field Notes***, ***Analytical Results*** and ***Summary of Analytical Results***.

Therefore, 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.



Isaac Garcia
Environmental Field Technician
igarcia@envirotech-inc.com

Enclosure(s): Field Notes
Summary of Analytical Results
Analytical Results

Cc: Client File 96052

Client: ConocoPhillips

envirotech
(505) 632-0615 (800) 362-1879
5796 U.S. Hwy 64, Farmington, NM 87401

Project No: 96052-2439
COC No:

FIELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: ____ OF
DATE STARTED: 3/18/14
DATE FINISHED: 3/18/14
ENVIRONMENTAL SPECIALIST: C Garcia

LOCATION: NAME: State B Gas Com WELL #:
QUAD/UNIT: E SEC: 16 TWP: 29N RNG: 10W PM: CNTY: SJ ST: NM
QTR/FOOTAGE: CONTRACTOR:

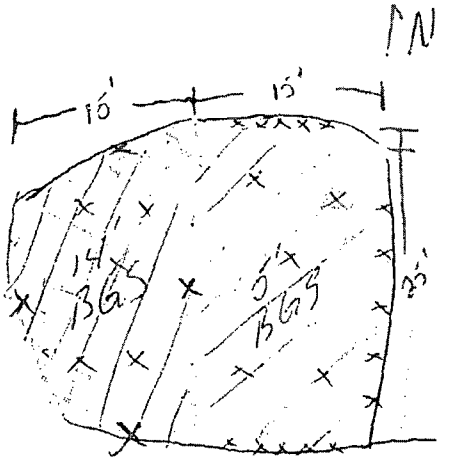
EXCAVATION APPROX: 35' FT. X 15' FT. X 14'/5' FT. DEEP CUBIC YARDAGE:
DISPOSAL FACILITY: REMEDIATION METHOD:
LAND USE: LEASE: LAND OWNER:
CAUSE OF RELEASE: AST Leak MATERIAL RELEASED: Condensate

SPILL LOCATED APPROXIMATELY: 300 FT. FROM well head
DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: NA NEAREST SURFACE WATER: 200- P
NMOCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1000 PPM

SOIL AND EXCAVATION DESCRIPTION: The excavation was approx 15'x25'x5' deep. There was still a strong odor. Various areas were screened w the PID. The excavation was divided and the west half was excavated more with OV screenings conducted a various depths until the readings came back below 100 ppm. Then samples were collected and analized for TPH.

SAMPLE DESCRIPTION	TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
200 Standard	11:43	STD					217	
North Wall Comp	12:11	NW		5	20	4	38	152
East Wall Comp	12:15	EW		5	20	4	353	1412
South Wall Comp	12:19	SW		5	20	4	23	92
Bottom Comp	12:22	BC		5	20	4	191	764
Bottom Comp +9	12:40	BC+9		5	20	4	114	456
East Wall +2'	13:25	EW+2		5	20	4	30	120
well comp @ 14'	13:21			5	20	4	27	

SPILL PERIMETER



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
NW	42.3
EW	139.4
SW	17.1
BC	42.8
BC+9	61.3
EW+2	32.7
WC@14	52.5

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

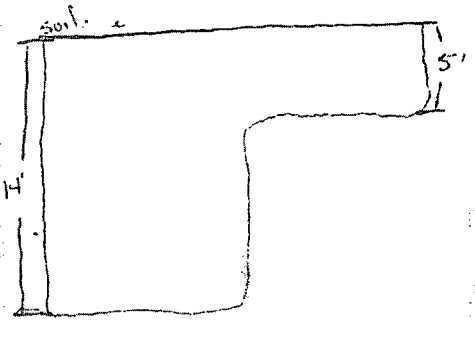


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Table 1, Summary of Analytical Results
ConocoPhillips
State B Gas Com #1
Confirmation Sampling Report
San Juan County, New Mexico
Project Number 96052-2439

Sample Description	Sample Number	Date	TPH USEPA Method 418.1 (ppm)	OVM (ppm)
NMOCD/RCRA Standards	NA	NA	1000	100
North Wall Composite	1	2/18/2014	152	22.3
East Wall Composite	2	2/18/2014	**1410**	**139.4**
South Wall Composite	3	2/18/2014	92	17.1
Bottom Composite	4	2/18/2014	764	42.8
Bottom Composite + 9'	5	2/18/2014	456	61.3
East Wall + 2'	6	2/18/2014	120	39.9
Wall Composite @ 14'	7	2/18/2014	312	52.3

NS = Not Sampled
ND = Non-Detect at Stated Method's Detection Limit
* Values in **BOLD** above regulatory standards

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EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-2439
Sample No.:	1	Date Reported:	4/7/2014
Sample ID:	North Wall Composite	Date Sampled:	2/18/2014
Sample Matrix:	Soil	Date Analyzed:	2/18/2014
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**152**	**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: **State B Gas Com #1**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

Isaac Garcia
Printed

Review

Toni McKnight, EIT
Printed

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envirotech-inc.com
info@envirotech-inc.com

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-2439
Sample No.:	2	Date Reported:	4/7/2014
Sample ID:	East Wall Composite	Date Sampled:	2/18/2014
Sample Matrix:	Soil	Date Analyzed:	2/18/2014
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**1,410**	**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: **State B Gas Com #1**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-2439
Sample No.:	3	Date Reported:	4/7/2014
Sample ID:	South Wall Composite	Date Sampled:	2/18/2014
Sample Matrix:	Soil	Date Analyzed:	2/18/2014
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**92**	**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: **State B Gas Com #1**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-2439
Sample No.:	4	Date Reported:	4/7/2014
Sample ID:	Bottom Composite	Date Sampled:	2/18/2014
Sample Matrix:	Soil	Date Analyzed:	2/18/2014
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**764**	**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: **State B Gas Com #1**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-2439
Sample No.:	5	Date Reported:	4/7/2014
Sample ID:	Bottom Composite + 9'	Date Sampled:	2/18/2014
Sample Matrix:	Soil	Date Analyzed:	2/18/2014
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**456**	**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: **State B Gas Com #1**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

Isaac Garcia
Printed

Review

Toni McKnight, EIT
Printed

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-2439
Sample No.:	6	Date Reported:	4/7/2014
Sample ID:	East Wall + 2'	Date Sampled:	2/18/2014
Sample Matrix:	Soil	Date Analyzed:	2/18/2014
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**120**	**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: **State B Gas Com #1**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-2439
Sample No.:	7	Date Reported:	4/7/2014
Sample ID:	Wall Composite @ 14'	Date Sampled:	2/18/2014
Sample Matrix:	Soil	Date Analyzed:	2/18/2014
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**312**	**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: **State B Gas Com #1**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 18-Feb-14

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	217
	500	
	1000	

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

Analyst — Date: 4/7/2014

Isaac Garcia
Print Name

Review — Date: 4/7/2014

Toni McKnight, EIT
Print Name

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