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: **Reid 1E**	Facility Type: **Gas Well**

Surface Owner **Federal**	Mineral Owner **Federal (SF-075587)**	API No.**30-045-24006**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	**13**	**29N**	**12W**	**1650**	**South**	**1850**	**East**	**San Juan**

Latitude 36.723314 Longitude 108.04753

NATURE OF RELEASE

Type of Release **Produced Water**	Volume of Release **12.5 bbls**	Volume Recovered
Source of Release **Production Pit**	Date and Hour of Occurrence **Unknown**	Date and Hour of Discovery **2/11/2013 at 2:00pm**
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.	

RCVD APR 18 '13
OIL CONS. DIV.
DIST. 3

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

Describe Cause of Problem and Remedial Action Taken.*
Discovered a hole in the side of the production pit that allowed 12.5 bbls of Produced Water to be released. No fluid was recovered. The well is currently shut-in waiting on repair.

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 20. Samples were collected and analytical results were above applicable NMOCD action levels. Excavation occurred and was 30' x 20' x 10' and 264 cubic yards of soil was transported to a third party landfarm. Confirmation sampling occurred. Analytical results for TPH was 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 Approved by Environmental Specialist: Jonathan D. Kelly
Printed Name: **Crystal Tafoya**	
Title: **Field Environmental Specialist**	Approval Date: 5/21/2013 Expiration Date:
E-mail Address: crystal.tafoya@conocophillips.com	Conditions of Approval: Attached ☐
Date: 4/16/2013 Phone: (505) 326-9837	

* Attach Additional Sheets If Necessary

nJK1314142296

envirotech

April 1, 2013 Project Number 96052-2318

Ms. Crystal Tafoya
ConocoPhillips
3401 East 30th Street
Farmington, New Mexico 87401 Phone: (505) 326-9837

RE: CONFIRMATION SAMPLING DOCUMENTATION FOR THE REID #1E 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 Reid #1E well site located in Section 13, Township 29 North, Range 12 West, San Juan County, New Mexico. On February 11, 2013, 12.5 barrels of produced water were released due to a hole in a below ground storage tank (BGT). Upon Envirotech personnel's arrival on March 26, 2013, a brief site assessment was conducted and the cleanup standards for the site were determined to be 100 parts per million (ppm) total petroleum hydrocarbons (TPH) and 100 ppm organic vapors due to a horizontal distance to surface water between 200 feet and 1000 feet, a depth to groundwater between 50 feet and 100 feet, and the well site not being located within a well head protection area, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases.

Prior to Envirotech personnel's arrival, the area of the release had been excavated by MMT, Inc. The extents of the excavation were approximately 30 feet by 20 feet by 10 feet deep. Three (3) five (5)-point composite samples were collected from the excavation; one (1) composite sample from the south and east walls, one (1) composite sample from the north and west walls and one (1) composite sample from the bottom of the excavation at 10 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 photoionization detector (PID). The sample collected from the south and east walls of the excavation returned results below the regulatory standards for all constituents analyzed; see enclosed ***Field Notes*** and ***Analytical Results***. The sample collected from the north and west walls and the sample collected from the bottom of the excavation at 10 feet BGS returned results above the regulatory standards for TPH, but below the regulatory standard for organic vapors; see enclosed ***Field Notes*** and ***Analytical Results***. Therefore, Envirotech, Inc. recommended further excavation of the north and west walls, as well as the bottom of the excavation. MMT, Inc. excavated an additional six (6) inches from the north and west walls, as well as an additional one (1) foot from the bottom of the excavation. One (1) composite sample was collected from the north and west walls and one (1) composite sample was collected from the bottom of the excavation at 11 feet BGS. The samples were analyzed in the field for TPH using USEPA Method 418.1 and for organic vapors using a PID. The sample collected from the north and west walls and the sample collected from the bottom of the excavation at 11 feet BGS returned results below the regulatory standards for all constituents analyzed; see enclosed ***Field***

Notes and ***Analytical Results***. Based on the above mentioned 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.

Felipe Aragon, CES
Senior Environmental Field Technician
faragon@envirotech-inc.com

Enclosure(s): Field Notes
Analytical Results

Cc: Client File Number 96052

3004527006

Client:	envirotech	Project No:
Conoco Phillips	(505) 632-0615 (800) 362-1879 5796 U.S. Hwy 64, Farmington, NM 87401	96052-2318 COC No:

FIELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 1 OF 1

DATE STARTED: 3-26-13

DATE FINISHED: 3-26-13

ENVIRONMENTAL SPECIALIST: F. Arag-

LOCATION: NAME: Reid E WELL #: 1E

QUAD/UNIT: O SEC: 13 TWP: 29N RNG: 12W PM: NM CNTY: SJ STN

QTR/FOOTAGE: CONTRACTOR: Montoya

EXCAVATION APPROX: 30.5 FT. X 20.5 FT. X 11 FT. DEEP CUBIC YARDAGE:

DISPOSAL FACILITY: IEI REMEDIATION METHOD: Landfarm

LAND USE: Range LEASE: SF-075587 LAND OWNER: Fed

CAUSE OF RELEASE: Leaking Tank MATERIAL RELEASED: Pit Produced Water

SPILL LOCATED APPROXIMATELY: FT. FROM

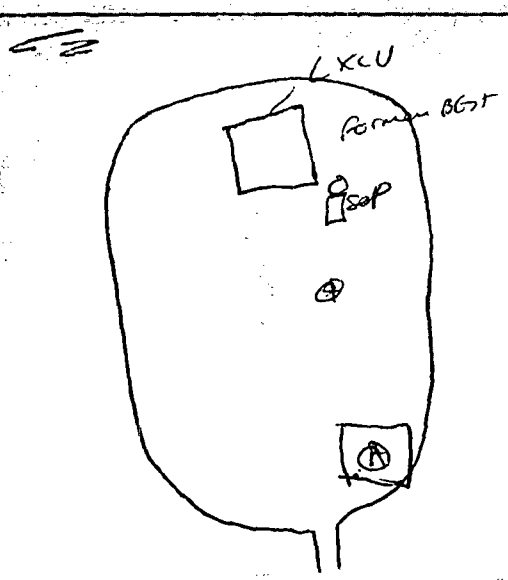
DEPTH TO GROUNDWATER: 60' NEAREST WATER SOURCE: 1,262' NEAREST SURFACE WATER: 210'

NMOCD RANKING SCORE: NMOCD TPH CLOSURE STD: 100 PPM

SOIL AND EXCAVATION DESCRIPTION: Analyzed Samples 1-3 Relayed coolers to crystal she request further excavation & Bottom. Approx 1' more was moved from the bottom and Approx 6" was removed from the North & west wall and RE sampled all samples cleared in Field. Relayed Results to crystal @ 14:18

SAMPLE DESCRIPTION	TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
500 STD	13:00	500 STD	-				494	-
1000 STD	13:06	1000 STD	-	5	5		984	-
South & East walls	13:13	1	-	5	20	4	95	60
North & West walls	13:17	2	-	5	20	4	128	176
Bottom @ 10' BGS	13:20	3	-	5	20	4	455	1820
Bottom @ 11' BGS	13:56	4		5	20	4	21	84
N&W wall extended 6"	14:14	5		5	20	4	6	24

SPILL PERIMETER



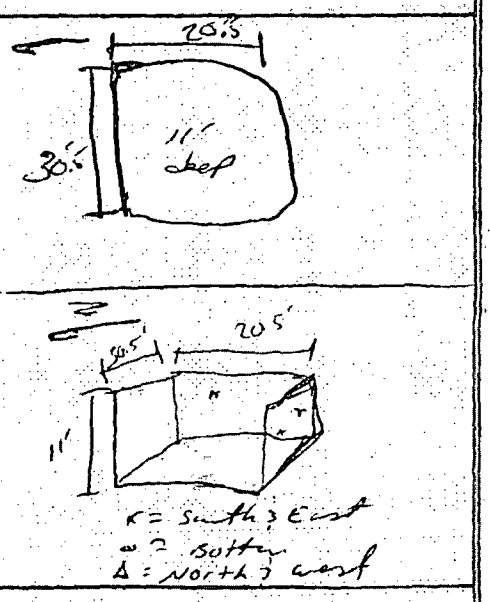
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1	N/D
2	0.6
3	15.8
4	0.5
5	N/D

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

SPILL PROFILE



TRAVEL NOTES: CALLED OUT

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-2318
Sample No.:	1	Date Reported:	3/27/2013
Sample ID:	South & East Walls	Date Sampled:	3/26/2013
Sample Matrix:	Soil	Date Analyzed:	3/26/2013
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**60**	**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: **Reid #1E**

Instrument calibrated to 500 ppm standard and zeroed before each sample.

Analyst

Felipe Aragon, CES
Printed

Review

Kyle Cossum, EIT
Printed

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

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-2318
Sample No.:	2	Date Reported:	3/27/2013
Sample ID:	North & West Walls	Date Sampled:	3/26/2013
Sample Matrix:	Soil	Date Analyzed:	3/26/2013
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**112**	**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: **Reid #1E**

Instrument calibrated to 500 ppm standard and zeroed before each sample.

Analyst

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Review

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-2318
Sample No.:	3	Date Reported:	3/27/2013
Sample ID:	Bottom @ 10' BGS	Date Sampled:	3/26/2013
Sample Matrix:	Soil	Date Analyzed:	3/26/2013
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**1,820**	**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: **Reid #1E**

Instrument calibrated to 500 ppm standard and zeroed before each sample.

Analyst

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-2318
Sample No.:	4	Date Reported:	3/27/2013
Sample ID:	Bottom @ 11' BGS	Date Sampled:	3/26/2013
Sample Matrix:	Soil	Date Analyzed:	3/26/2013
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**84**	**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: **Reid #1E**

Instrument calibrated to 500 ppm standard and zeroed before each sample.

Analyst

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-2318
Sample No.:	5	Date Reported:	3/27/2013
Sample ID:	North & West Walls ext 6"	Date Sampled:	3/26/2013
Sample Matrix:	Soil	Date Analyzed:	3/26/2013
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**24**	**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: **Reid #1E**

Instrument calibrated to 500 ppm standard and zeroed before each sample.

Analyst

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Review

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CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 26-Mar-13

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	
	500	494
	1000	

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

Analyst

3/27/2013
Date

Felipe Aragon, CES
Print Name

Review

3/27/2013
Date

Kyle Cossum, EIT
Print Name

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