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

30-045-28658

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 32-7 Unit 224**		Facility Type **Gas Well API #3004528658**	
Surface Owner **Private**	Mineral Owner **Private**		Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	**21**	**32N**	**07W**	**1294'**	**South**	**1407'**	**West**	**San Juan**

Latitude 36.96188 ° N Longitude -107.57604° W

NATURE OF RELEASE

Type of Release – **Produced Water**	Volume of Release – **7 BBL**	Volume Recovered – **0 BBL**
Source of Release: **Water Transfer Line**	Date and Hour of Occurrence **Unknown**	Date and Hour of Discovery **6/21/11 1:00 p.m.**
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.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* **An underground water transfer line leaked at a flange connection near the tank battery. Upon discovery, the well was shut-in and the water transfer line was pressure tested to determine where the leak originated.**

Describe Area Affected and Cleanup Action Taken.* **All fluids remained on location. 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:	
Title: **Field Environmental Specialist**	Approval Date: 10/18/11	Expiration Date:
E-mail Address: **kelsi.g.harrington@conocophillips.com**	Conditions of Approval:	Attached ☐
Date: **9/14/11** Phone: **505-599-3403**		

* Attach Additional Sheets If Necessary

nJK1129255118

RECEIVED
SEP 2011
OIL CONS. DIV. DIST. 3

11

envirotech

September 15, 2011 Project Number 96052-1992

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

Phone: (505) 599-3403
Fax: (505) 599-4005

RE: SPILL ASSESSMENT DOCUMENTATION FOR THE SAN JUAN 32-7 # 224 WELL SITE, SAN JUAN COUNTY, NEW MEXICO

Dear Ms. Harrington,

Enclosed please find the field notes and analytical results for spill assessment activities performed at the San Juan 32-7 #224 well site located in Section 21, Township 32 North, Range 7 West, San Juan County, New Mexico. Upon Envirotech personnel's arrival on August 12, 2011, a brief site assessment was conducted. As the groundwater depth was between 50 feet and 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.

Two (2) samples were collected from the area north of the eastern above surface-grade tank (AST) where a water line had leaked, releasing produced water; see enclosed ***Field Notes***. Prior to Envirotech personnel's arrival, the water line had been repaired and there was a minor excavation around the water line with the extents of two (2) feet long by two (2) feet wide by one (1) foot deep. One (1) five (5)-point composite sample was collected from the bottom of the excavation. Another one (1) five (5)-point composite sample was collected from a surface stain west of the excavation. The two (2) composite samples were screened in the field for TPH using USEPA Method 418.1 and for organic vapors using a photoionization detector (PID); see enclosed ***Analytical Results***. Both samples returned results above the regulatory standards for TPH, but below the regulatory standards for organic vapors. Additionally, the sample collected from the surface stain west of the excavation was placed into a four (4)-ounce glass jar, capped head space free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory to be analyzed for TPH, using USEPA Method 8015. The sample returned results below regulatory standards for all constituents analyzed; see enclosed ***Analytical Results***. Therefore, Envirotech, Inc. recommends no further action in regards to this incident.

Client: Conoco Phillips	**envirotech** (505) 632-0615 (800) 362-1879 5796 U.S. Hwy 64, Farmington, NM 87401	Project No: 96052-1992 COC No:

FIELD REPORT: SPILL CLOSURE VERIFICATION

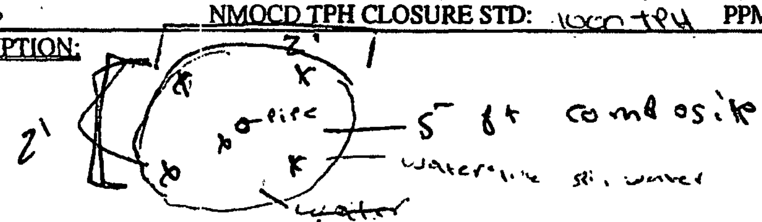
PAGE NO: 1 OF 1
DATE STARTED: 05-12-2011
DATE FINISHED: 05-12-2011
ENVIRONMENTAL SPECIALIST: Noel B.

LOCATION: NAME: 32-7 [illegible] WELL #: 224
QUAD/UNIT: SEC: 21 TWP: 32N RNG: [illegible] PM: CNTY: ST:
QTR/FOOTAGE: CONTRACTOR:

EXCAVATION APPROX: 2 FT. X 2 FT. X 1 FT. DEEP CUBIC YARDAGE:
DISPOSAL FACILITY: REMEDIATION METHOD:
LAND USE: LEASE: LAND OWNER:
CAUSE OF RELEASE: MATERIAL RELEASED:

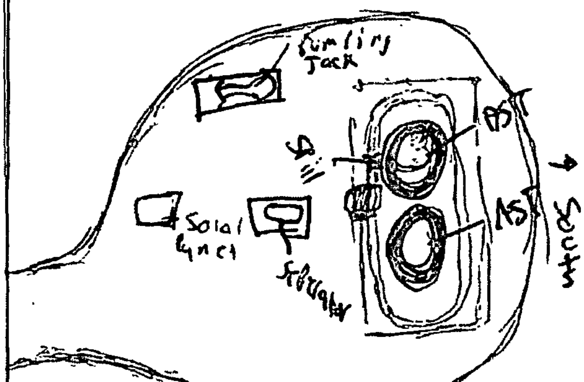
SPILL LOCATED APPROXIMATELY: 2' FT. FROM E AST at valve as center
DEPTH TO GROUNDWATER: >50 NEAREST WATER SOURCE: 1700 ft NEAREST SURFACE WATER:
NMOCD RANKING SCORE: 20 NMOCD TPH CLOSURE STD: 1000 TPH PPM

SOIL AND EXCAVATION DESCRIPTION:



SAMPLE DESCRIPITION	TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
200 STD	10:50							193
5 ft comp water area	11:16			5 g	20 ml	1:4	4292	
5 ft comp surface stain	11:30			5 g	20 ml	1:4	6524	

SPILL PERIMETER



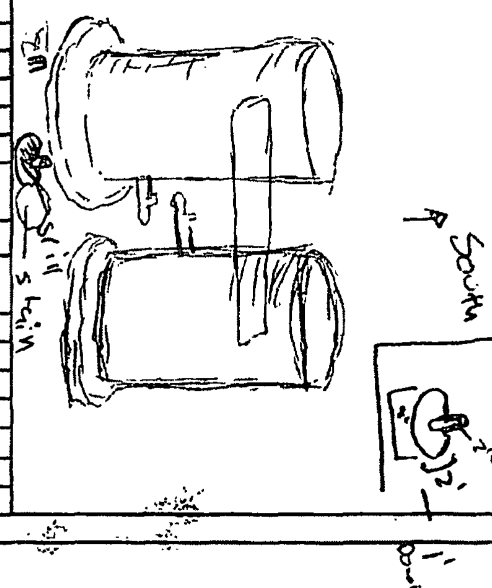
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
5 ft water	ND
5 ft surface	ND

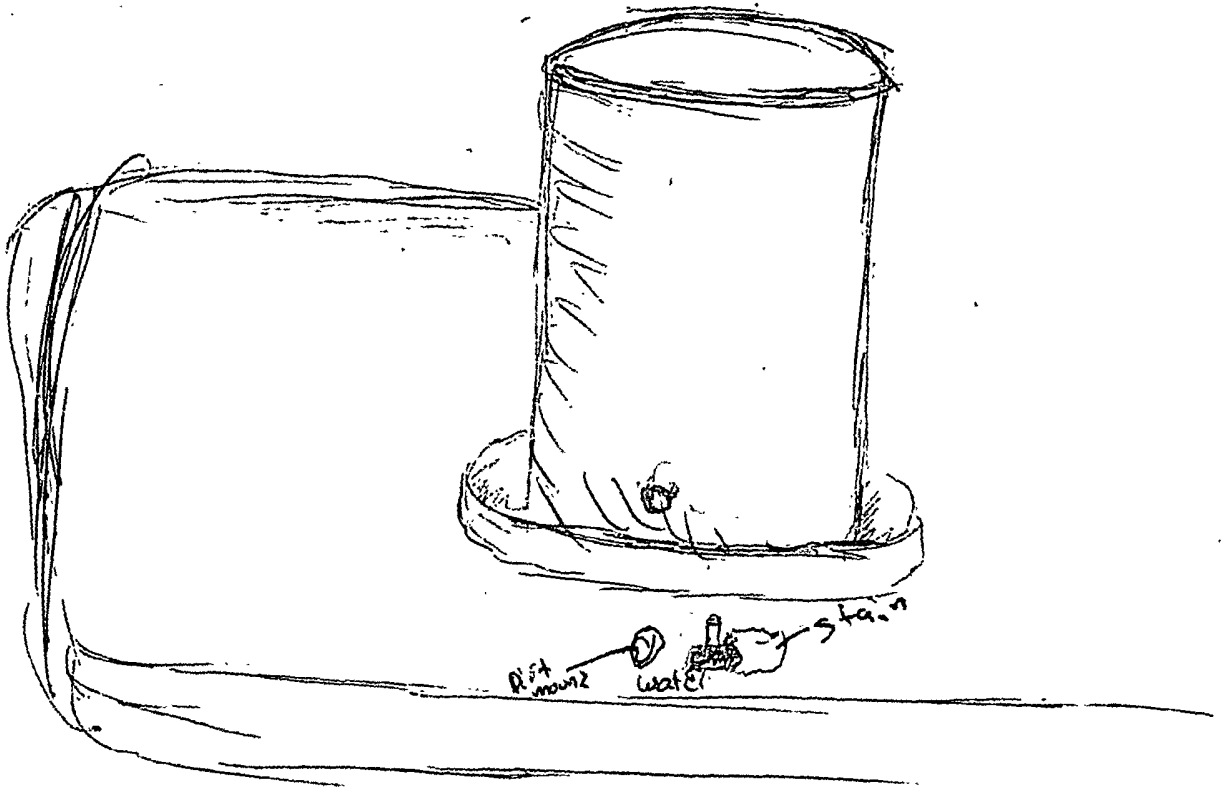
LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

SPILL PROFILE



TRAVEL NOTES: CALLED OUT: ONSITE:


dirt
water
stain

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.

Noel Burciaga
Environmental Field Technician
nburciaga@envirotech-inc.com

Enclosure(s): Field Notes
Analytical Results

Cc: Client File 96052

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-1992
Sample No.:	1	Date Reported:	8/30/2011
Sample ID:	5pt Composite, water area.	Date Sampled:	8/12/2011
Sample Matrix:	Soil	Date Analyzed:	8/12/2011
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**17,200**	**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 #224**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Noel Burciaga
Printed

Review

Barian Williamson
Printed

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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-1992
Sample No.:	2	Date Reported:	8/30/2011
Sample ID:	5 pt surface Composite, surface	Date Sampled:	8/12/2011
Sample Matrix:	Soil	Date Analyzed:	8/12/2011
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**26,100**	**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 #224**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Noel Burciaga
Printed

Review

Barian Williamson
Printed

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CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 12-Aug-11

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	193
	500	
	1000	

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

Analyst — Date: 8/30/2011

Noel Burciaga
Print Name

Review — Date: 8/30/2011

Barian Williamson
Print Name

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Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	96052-1992
Sample ID:	5 Pt Comp Surface Stain	Date Reported:	08-15-11
Laboratory Number:	59254	Date Sampled:	08-12-11
Chain of Custody No:	12354	Date Received:	08-12-11
Sample Matrix:	Soil	Date Extracted:	08-15-11
Preservative:	Cool	Date Analyzed:	08-15-11
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**5.5**	**0.2**
Diesel Range (C10 - C28)	**15.9**	**0.1**
Total Petroleum Hydrocarbons	**21.4**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Waterline Spill/32-7 #224**

Analyst

Review

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Analytical Laboratory

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-15-11 QA/QC	Date Reported:	08-15-11
Laboratory Number:	59252	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-15-11
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	08/15/11	1.005E+03	1.005E+03	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	08/15/11	9.996E+02	1.000E+03	**0.04%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**2.5**	**0.2**
Diesel Range C10 - C28	**4.0**	**0.1**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Range
Gasoline Range C5 - C10	**8,920**	**8,810**	**1.2%**	**0 - 30%**
Diesel Range C10 - C28	**6,960**	**6,720**	**3.4%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**8,920**	**250**	**8,970**	**97.8%**	**75 - 125%**
Diesel Range C10 - C28	**6,960**	**250**	**7,210**	**100%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 59252-59255**

Analyst

Review

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CHAIN OF CUSTODY RECORD

12354

Client: Conoco Phillips	Project Name / Location: Waterline spill 32-7 #224
Client Address:	Sampler Name: Noel Busciaga
Client Phone No.:	Client No.: 96052-1992

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HCl	Preservative (Ice)	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
5pt composite Surface Stain	8-12-11	11:30	59254	(Soil Solid) Sludge Aqueous	4oz			/	X													Y	Y
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
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				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	08-12-11	4:52pm	Kandi Vaquera	8/12/11	4:52
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

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