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. 30th St., Farmington, NM 87402**		Telephone No. **505-599-3403**	
Facility Name **San Juan 32-8 Unit 238**		Facility Type **Gas Well**	**API #3004528132**
Surface Owner **Federal**	Mineral Owner **Federal**		Lease No. **SF-079047**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	**23**	**31N**	**08W**	**967'**	**South**	**1390'**	**West**	**San Juan**

Latitude 36.87852° N Longitude -107.64856° W

NATURE OF RELEASE

Type of Release – **Produced Water**	Volume of Release – **41 BBL**	Volume Recovered – **41 BBL**
Source of Release: **Transfer Pump**	Date and Hour of Occurrence **Unknown**	Date and Hour of Discovery **1/24/2011 12:30 p.m.**
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? **Brandon Powell (NMOCD): Verbal**	RCVD APR 7'11 OIL CONS. DIV.
By Whom? **Kelsi Harrington**	Date and Hour – **1/25/2011 1:35 p.m.**	DIST. 3
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.* **Freezing tempertures caused a discharge pressure gauge hose on the transfer pump to a break. Upon discovery, the leak was isolated and a vacuum truck was called to location.**

Describe Area Affected and Cleanup Action Taken * **All fluid remained within the berm and approximately 41 BBL were recovered. 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 **Environmental Consultant**	Approval Date. 4-7-11	Expiration Date:
E-mail Address: **kelsi.g.harrington@conocophillips.com**	Conditions of Approval nJK1122152283	Attached ☐
Date: **3/30/2011** Phone: **505-599-3403**		

* Attach Additional Sheets If Necessary

RECEIVED
APR 2011
OIL CONS. DIV. DIST 3

8

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March 21, 2011 Project Number 96052-1915

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

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

RE: SURFACE SAMPLE DOCUMENTATION FOR THE SAN JUAN 32-8 #238 WELL SITE, SAN JUAN COUNTY, NEW MEXICO

Dear Ms. Harrington:

Attached please find the field notes and analytical results for surface sampling activities performed at the San Juan 32-8 #238 well site located in Section 23, Township 31 North, Range 8 West, San Juan County, New Mexico. On March 17, 2011, Envirotech personnel arrived on site and a brief site assessment was conducted. Because distance to surface water was between 200 and 1000 feet from the well site and the depth to groundwater is 40 feet, the regulatory standards was determined to be 100 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 was inside the berm surrounding the AST tanks. One (1) five (5)-point composite sample was collected from the affected area; see attached ***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 above regulatory standards for TPH using USEPA Method 418.1, but below regulatory standards for organic vapors. Additionally, the sample was placed into a four (4)-ounce glass jar, capped headspace 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 of non-detect for TPH using USEPA Method 8015; see attached ***Analytical Results.*** 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.

Toni McKnight, EIT
Environmental Project Manager
tmcknight@envirotech-inc.com

Enclosure(s): Field Notes
Analytical Results

Cc: Client File: 96052

Client: COPC

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

Location No:

C.O.C. No:

FIELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 1 OF 1

DATE STARTED: 3/17/2011

DATE FINISHED: 3/17/2011

ENVIRONMENTAL SPECIALIST: TCM/JR

LOCATION: NAME: SAN JUAN 32-8 WELL #: 238

QUAD/UNIT: SE/SW SEC: 23 TWP: 31N RNG: 8W PM: NM CNTY: SJ ST: NM

QTR/FOOTAGE: 967' FSL & 1390' FWL CONTRACTOR: NONE

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

DISPOSAL FACILITY: NA REMEDIATION METHOD: NA

LAND USE: GRAZING LEASE: NMSF-079047 LAND OWNER:

CAUSE OF RELEASE: Hose Sprayed Produced H_2O MATERIAL RELEASED: Produced Water

SPILL LOCATED APPROXIMATELY: 100' FT. 85° FROM Wellhead

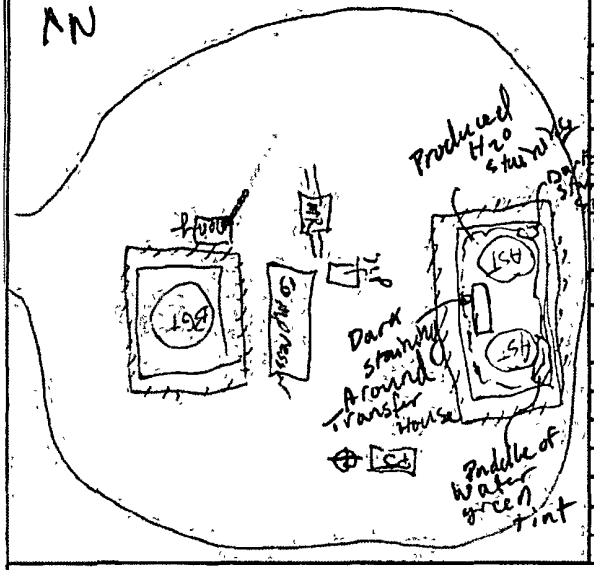
DEPTH TO GROUNDWATER: ≈ 40' NEAREST WATER SOURCE: ≥1000' NEAREST SURFACE WATER: ≈ 575'

NMOCD RANKING SCORE: 30 NMOCD TPH CLOSURE STD: 100 PPM

SOIL AND EXCAVATION DESCRIPTION:

SAMPLE DESCRIPITION	TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
STD 200	13:14	—	—	—	—	—	194	—
Spt surface comp	13:29	1	1	5	20	4	188	752

SPILL PERIMETER



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1	2.7

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

SPILL PROFILE

TRAVEL NOTES: CALLED OUT: ONSITE:

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-1915
Sample No.:	1	Date Reported:	3/21/2011
Sample ID:	5 pt Surface Composite	Date Sampled:	3/17/2011
Sample Matrix:	Soil	Date Analyzed:	3/17/2011
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**752**	**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 #238**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

John Rollins
Printed

Review

Toni McKnight, EIT
Printed

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CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 17-Mar-11

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	194
	500	
	1000	

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

Analyst — 3/21/2011 Date

John Rollins
Print Name

Review — 3/21/2011 Date

Toni McKnight, EIT
Print Name

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Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	96052-1915
Sample ID:	5 Pt Surface Comp	Date Reported:	03-17-11
Laboratory Number:	57603	Date Sampled:	03-16-11
Chain of Custody No:	11364	Date Received:	03-16-11
Sample Matrix:	Soil	Date Extracted:	03-17-11
Preservative:	Cool	Date Analyzed:	03-17-11
Condition:	Intact	Analysis Requested:	8015 TPH

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

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: **San Juan 32-8 #238**

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:	03-17-11 QA/QC	Date Reported:	03-17-11
Laboratory Number:	57602	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-17-11
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	03-17-11	9.9868E+002	9.9908E+002	0.04%	0 - 15%
Diesel Range C10 - C28	03-17-11	9.9960E+002	1.0000E+003	0.04%	0 - 15%

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	153	141	8.4%	0 - 30%
Diesel Range C10 - C28	268	276	2.9%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	153	250	398	98.8%	75 - 125%
Diesel Range C10 - C28	268	250	530	102%	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 57591, 57600, 57602-57603**

Analyst

Review

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RUSH **CHAIN OF CUSTODY RECORD** 11364

Client:	Project Name / Location:
Conoco Phillips	San Juan 32-8 #238
Client Address:	Sampler Name: John Rollins Toni McKnight ~~5 Surface Composites~~
Client Phone No.:	Client No.: 96052-1915

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HCl	Preservative	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
Spot surface comp	3/16/11	13:33	57603	(Soil) Sludge Solid Aqueous	1/4 oz				X												Y	Y
				Soil Sludge Solid Aqueous																		
				Soil Sludge Solid Aqueous																		
				Soil Sludge Solid Aqueous																		
				Soil Sludge Solid Aqueous																		
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				Soil Sludge Solid Aqueous																		
				Soil Sludge Solid Aqueous																		
				Soil Sludge Solid																		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	3/16/11	4:18	Randi Vaquera	3/16/11	4:18
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

RUSH

envirotech Analytical Laboratory

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