

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

30-045-24486

OPERATOR		<input type="checkbox"/> Initial Report	<input checked="" type="checkbox"/> 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	Krause WN Federal 4E	Facility Type	Gas Well
		API#	3004524486
Surface Owner	Federal	Mineral Owner	Federal
		Lease No.	SF 078863

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	33	28N	11W	1025'	South	975'	East	San Juan

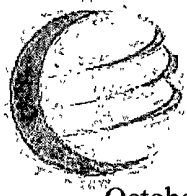
Latitude 36.61417° N Longitude -108.0027° W

NATURE OF RELEASE

Type of Release – Produced Water	Volume of Release – 24 BBL	Volume Recovered – 0 BBL
Source of Release. Production Tank	Date and Hour of Occurrence unknown	Date and Hour of Discovery 9/28/2010 9:30 a.m.
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	RCVD OCT 18 '10 OIL CONS. DIV. DIST. 3
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 September 27, 2010, it was discovered that the production tank was leaking due to corrosion. Upon discovery, the well was shut in and a vacuum truck was called to location to attempt fluid recovery.		
Describe Area Affected and Cleanup Action Taken.* All fluid remained within the berm. The vacuum truck was not able to recover any fluid. A spill assessment was conducted 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 required.		
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>Jonathan P. Kelly</i>	
Title: Environmental Consultant	Approval Date 3/06/2012	Expiration Date
E-mail Address kelsi.g.harrington@conocophillips.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 10/14/10	Phone 505-599-3403	

* Attach Additional Sheets If Necessary

njk 1206641878



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October 14, 2010

Project No. 96052-1804

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

Phone (505) 599-3403

RE: SPILL ASSESSMENT AT THE KRAUSE WN FEDERAL #4E WELL SITE, SAN JUAN COUNTY, NEW MEXICO

Dear Ms. Harrington,

Envirotech, Inc. has completed spill assessment activities at the Krause WN Federal #4E well site located in Section 33, Township 28N, Range 11W, San Juan County, New Mexico.

Envirotech, Inc. arrived on-site on October 4, 2010, to assess a spill of an unknown amount of produced water from a leaking above ground storage tank (AST) at the above referenced location. Upon Envirotech's arrival, a brief site assessment was conducted and the regulatory standards for the site were 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 due to the well site being less than 200 feet from surface water.

One (1) surface composite sample was collected from the visually stained area of approximately 28 feet by 25 feet next to the AST; see attached *Field Notes* for sample location. 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 of non-detect (ND) for organic vapors, but above the regulatory standard for TPH; see attached *Analytical Results*. The sample was then collected into a four (4)-ounce glass jar, capped headspace free, and transported on ice, via chain of custody, to Envirotech's Analytical Laboratory to be analyzed for TPH using USEPA Method 8015. The sample returned results of ND for TPH; 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 any questions please feel free to contact us at (505) 632-0615.

Respectfully Submitted,
ENVIROTECH, INC.

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

Enclosures: Field Notes
Analytical Results

Cc: Client File No. 96052

CONOCOPHILLIPS



envirotech

(505) 632-0315 (800) 382-1579

5706 U.S. Hwy 64, Farmington, NM 87401

Location No:

C.O.C. No:

6052-1904

ELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 1 OF 1

DATE STARTED: 10/4/78

DATE FINISHED: 7/24/66

ENVIRONMENTAL

SPECIALIST: *TC*

LOCATION: NAME: KRAUSE WNS FEDERAL WELL #: 4.F

AD/UNIT: P SEC: 33 TWP: 28N RNG: 11E PM: NM CNTY: ST: NM

W/FOOTAGE: _____ CONTRACTOR: N/A

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

WASTE DISPOSAL FACILITY: NA REMEDIATION METHOD: NA

ID USE: LEASE: SFC 78863 LAND OWNER:

USE OF RELEASE: LEAKING AST. MATERIAL RELEASED: PRODUCED H2O

LOCATED APPROXIMATELY: 100 FT. 300° FROM 1500 HEADS

TH TO GROUNDWATER: 7100 NEAREST WATER SOURCE: 71000 NEAREST SURFACE WATER: 250

MOCD RANKING SCORE: 26 NMOC TPH CLOSURE STD: 100 PPM

AND EXCAVATION DESCRIPTION:

PS POINT X = 1036" Z = 855.9'
W 108° CO 2182

LIVE ON TANY MEYER TO MAKE

TANK STILL LEAKING UPON ASSESSMENT

REMOVED 9.45

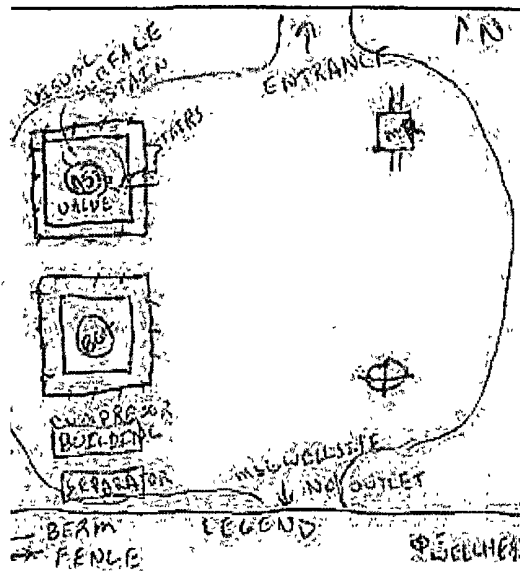
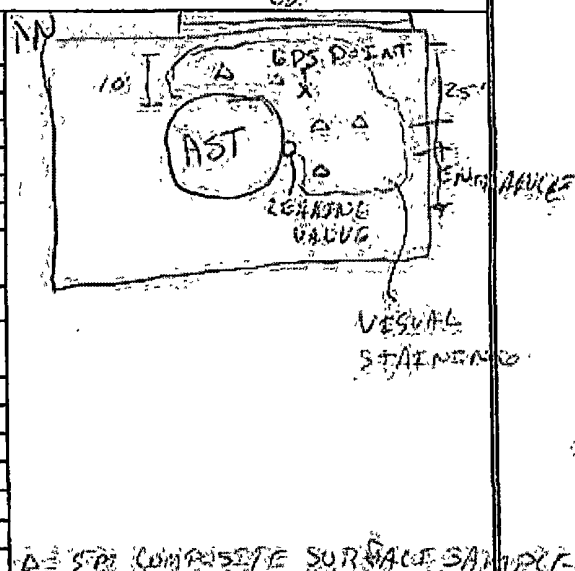
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SPILL PERIMETER

OVM RESULTS

SPILL PROFILE

[illegible]

VEL NOTES: CALLED OUT: ONSITE:



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**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	Conoco Phillips	Project #:	96052-1804
Sample No.:	1	Date Reported:	10/12/2010
Sample ID:	Five (5)-Point Composite	Date Sampled:	10/4/2010
Sample Matrix:	Soil	Date Analyzed:	10/4/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	296	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: **Krause WN Federal #4E**

Instrument calibrated to 200 ppm standard. Zeroed before each sample


Analyst

Toni McKnight
Printed


Review

Sarah Rowland, EIT
Printed



CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 4-Oct-10


Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	180
	200	
	500	
	1000	

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


Analyst

Toni McKnight

Print Name


Review

Sarah Rowland, EIT

Print Name

10/6/2010

Date

10/6/2010

Date



envirotech
Analytical Laboratory

**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

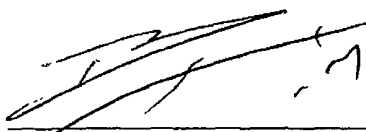
Client:	ConocoPhillips	Project #:	96052-1804
Sample ID:	5 Pt Composite (Surface)	Date Reported:	10-05-10
Laboratory Number:	56048	Date Sampled:	10-04-10
Chain of Custody No:	10445	Date Received:	10-04-10
Sample Matrix:	Soil	Date Extracted:	10-04-10
Preservative:	Cool	Date Analyzed:	10-05-10
Condition:	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: **Krause WN Federal #4E**



Analyst



Review



envirotech

Analytical Laboratory

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-05-10 QA/QC	Date Reported:	10-05-10
Laboratory Number:	56040	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-05-10
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	10-05-10	9.9960E+002	1.0000E+003	0.04%	0 - 15%
Diesel Range C10 - C28	10-05-10	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
Total Petroleum Hydrocarbons	ND	

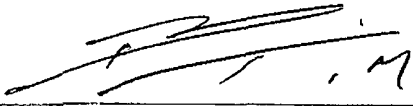
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	4.1	4.2	2.4%	0 - 30%
Diesel Range C10 - C28	5.6	5.3	5.4%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	4.1	250	257	101%	75 - 125%
Diesel Range C10 - C28	5.6	250	256	100%	75 - 125%

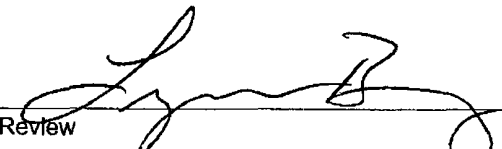
ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for Samples 56040-56045, 56047-56049



Analyst



Review

CHAIN OF CUSTODY RECORD

10445

Client: CONOCO PHILLIPS			Project Name / Location: KRAUSE WN FEDERAL #4E			ANALYSIS / PARAMETERS																																																	
Client Address:			Sampler Name: Toni McKnight			<table border="1"> <tr> <td>TPH (Method 8015)</td> <td>BTEX (Method 8021)</td> <td>VOC (Method 8260)</td> <td>RCRA 8 Metals</td> <td>Cation / Anion</td> <td>RCI</td> <td>TCLP with H/P</td> <td>PAH</td> <td>TPH (418.1)</td> <td>CHLORIDE</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Sample Cool</td> <td>Sample Intact</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Y</td><td>Y</td> </tr> </table>														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																	Y	Y
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Client Phone No.:			Client No.: 96052-1804																																																				
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Relinquished by: (Signature) <i>Toni McKnight</i>			Date 10/4/10	Time 12:40	Received by: (Signature) <i>Linda C. Bates</i>			Date 10.4.10			Time 12:40																																												
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