

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

Form C-141
Revised August 8, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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 Burlington Resources Oil & Gas Company, a Wholly owned subsidiary of ConocoPhillips Company	Contact Crystal Tafoya
Address 3401 East 30th St, Farmington, NM	Telephone No. (505) 326-9837
Facility Name: Pierce SRC 2C	Facility Type: Gas Well

Surface Owner BLM	Mineral Owner BLM (SF-078134)	API No. 30-045-30056
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LOCATION OF RELEASE

Unit Letter M	Section 30	Township 31N	Range 10W	Feet from the 875	North/South Line South	Feet from the 805	East/West Line West	County San Juan
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Latitude **36.86479** Longitude **107.92982**

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 5 bbls	Volume Recovered 0 bbls
Source of Release Water Tank	Date and Hour of Occurrence 9/28/2012 at 2:30 pm	Date and Hour of Discovery 9/28/2012 at 4:45 pm
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? RCVD DEC 19 '12	
By Whom?	Date and Hour OIL CONS. DIV.	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. DIST. 3	

If a Watercourse was Impacted, Describe Fully.*


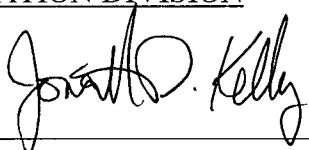
Describe Cause of Problem and Remedial Action Taken.*

Release of 5 BBLs produced water due to a hole in the production tank. Release was contained within the berm, 0 BBLs produced water recovered.

Describe Area Affected and Cleanup Action Taken.*

Produced water tank was replaced on 12/6/2012. Soil samples were collected and analytical results for 8015 and 8021. The results are below NMOCD Guideline for Remediation of Leaks, Spills and Release and therefore no further action was taken. 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: 	OIL CONSERVATION DIVISION	
Printed Name: Crystal Tafoya	Approved by Environmental Specialist: 	
Title: Field Environmental Specialist	Approval Date: 2/11/2013	Expiration Date:
E-mail Address: crystal.tafoya@conocophillips.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 12/17/2012 Phone: (505) 326-9837		

* Attach Additional Sheets If Necessary

n5K1304246310

SPILL REPORT

LOCATED AT:
PIERCE SRC #2C
SECTION 30, TOWNSHIP 31 NORTH, RANGE 10 WEST
SAN JUAN COUNTY, NEW MEXICO

PREPARED FOR:
CONOCOPHILLIPS
MS. CRYSTAL TAFOYA
3401 EAST 30TH STREET
FARMINGTON, NEW MEXICO 87402

EMERGENCY NUMBER (505) 324-5170	
BURLINGTON	
RESOURCES	
ConocoPhillips	PIERCE SRC #101
FORMATION FRC/PC/FRS	
LATITUDE N 36° 864680	
LONGITUDE W 107° 929570	
845' FSL 835' FWL	
SEC. 30 T031N R010W	
LEASE NO. USA-SF-078134 ELEV. 6015	
API NO. 30-045-33538	
SAN JUAN COUNTY, NEW MEXICO	
EMERGENCY CONTACT: 1-800-592-4822	

PROJECT NUMBER: 92115-2340
OCTOBER 2012



December 14, 2012

Project Number: 92115-2340

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

Phone: (505) 326-9837

RE: SPILL REPORT LOCATED AT PIERCE SRC #2C, SAN JUAN COUNTY, NEW MEXICO

Dear Ms. Tafoya,

Enclosed please find the *Spill Report* detailing the sampling activities at Pierce SRC #2C located in Section 30, Township 31 North, Range 10 West, San Juan County, New Mexico.

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully submitted,
ENVIROTECH, INC.


Christopher Arrigo
Environmental Scientist
carrigo@envirotech-inc.com

Enclosure: *Spill Report*

Cc: Client File Number 92115

**CONOCOPHILLIPS
SPILL REPORT
LOCATED AT
PIERCE SRC #2C
SECTION 30, TOWNSHIP 31 NORTH, RANGE 10 WEST
SAN JUAN COUNTY, NEW MEXICO**

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 Figure 2, Site Map

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 Appendix B, Analytical Results

INTRODUCTION

Envirotech, Inc. of Farmington, New Mexico, was contracted by ConocoPhillips to provide sampling activities for a release of produced water at the Pierce SRC #2C, San Juan County, New Mexico; see *Figure 1, Vicinity Map* and *Figure 2, Site Map*. The aboveground storage tank (AST) released a small amount of produced water; see enclosed, *Appendix A, Site Photography*. Activities included soil analysis, documentation and reporting.

ACTIVITIES PERFORMED

Envirotech was contacted October 31, 2012, with a request to perform sampling activities on a spill that had occurred at the above referenced location. Upon Envirotech personnel's arrival on October 31, 2012, a brief site assessment was conducted. Due to a distance to surface water between 200 and 1000 feet from the release, a distance to groundwater greater than 100 feet, and a distance to the nearest wellhead protection area greater than 1000 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. One (1) composite sample was collected from the visually saturated areas around the AST; see enclosed *Site Map*. The sample was then collected 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 and benzene and total BTEX using USEPA Method 8021. The sample returned results below regulatory standards for all constituents analyzed; see enclosed *Appendix B, Analytical Results* and *Table 1, Summary of Laboratory Results*.

SUMMARY AND CONCLUSIONS

Sampling activities, analysis and documentation were conducted for a release of produced water from an AST on Pierce SRC #2C in San Juan County, New Mexico. The sample retrieved from the release returned results below regulatory standards for all constituents analyzed. Envirotech, Inc. recommends no further action in regards to this incident.

STATEMENT OF LIMITATIONS

Envirotech has completed sampling activities of a release of produced water by a ConocoPhillips AST located at Pierce SRC #2C in San Juan County, New Mexico. The work and services provided by Envirotech were in accordance with the New Mexico Environmental Department standards. All observations and conclusions provided here are based on the information and current site conditions found at the site of the incident.

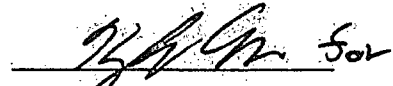
The undersigned has conducted this service at the above referenced site. This work has been conducted and reported in accordance with generally accepted professional practices in geology, engineering, environmental chemistry and hydrogeology.

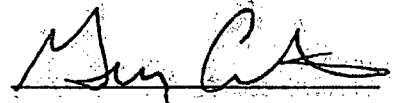
We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully Submitted,

ENVIROTECH, INC.

Reviewed by:

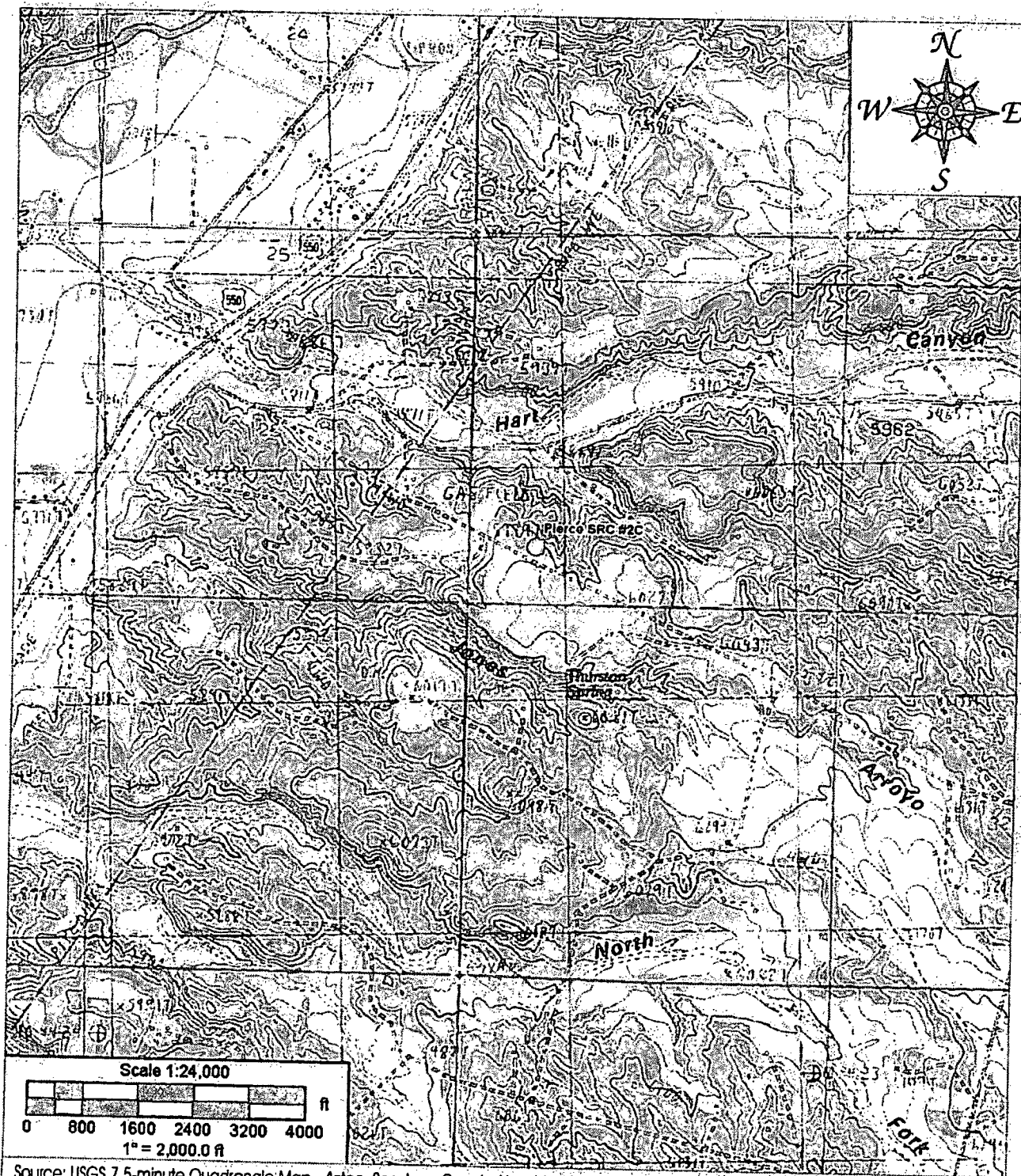

Christopher Arrigo
Environmental Scientist
carrigo@envirotech-inc.com


Greg Crabtree, PE
Environmental Manager
gcrabtree@envirotech-inc.com

FIGURES

Figure 1, Vicinity Map

Figure 2, Site Map



LEGEND
 ○ Spill Area

envirotech
 ENVIRONMENTAL SCIENTISTS & ENGINEERS

5796 U.S. HIGHWAY 64
 Farmington, New Mexico 87401
 505.632.0615

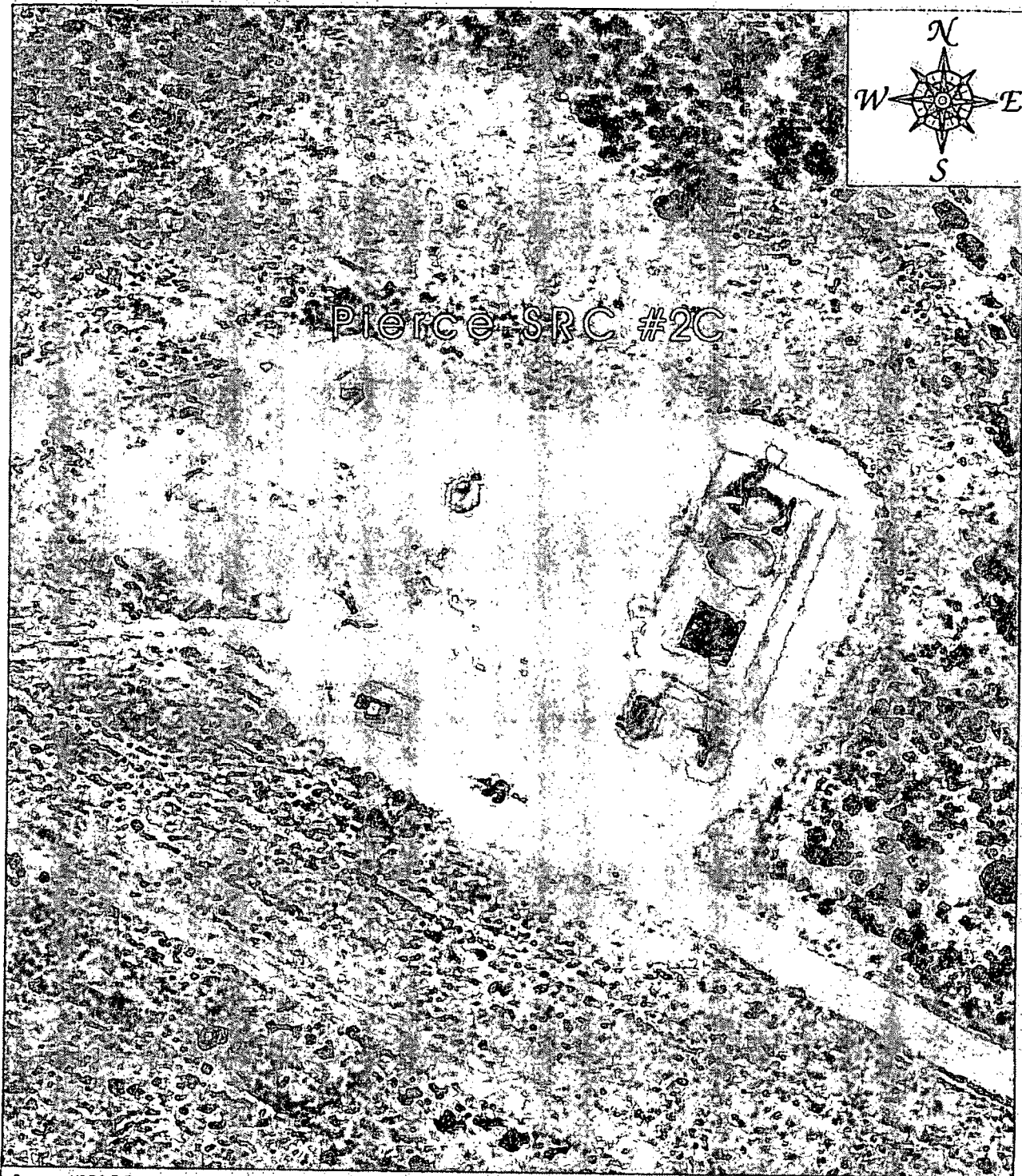
Vicinity Map

ConocoPhillips
 Pierce SRC #2C
 Section 30, Township 31 N, Range 10 W
 San Juan County, New Mexico

PROJECT Number: 92115-2340 Date Drawn: 11/20/12

DRAWN BY:
 Christopher Arigo

PROJECT MANAGER:
 Greg Crabtree



Pierce SRC #2C

Source: USGS 7.5-minute Quadrangle Map - Aztec, San Juan County, New Mexico

LEGEND

Spill Path



5796 U.S. HIGHWAY 64
Farmington, New Mexico 87401
505.632.0615

Site Map

ConocoPhillips
Pierce SRC #2C
Section 30, Township 31 N, Range 10 W
San Juan County, New Mexico

PROJECT Number: 92115-2340 Date Drawn: 11/20/12

DRAWN BY:
Christopher Arigo

PROJECT MANAGER:
Greg Crabtree

APPENDIX A,

Site Photography

Spill Report
ConocoPhillips
Pierce SRC #2C
Project Number: 92115-2340

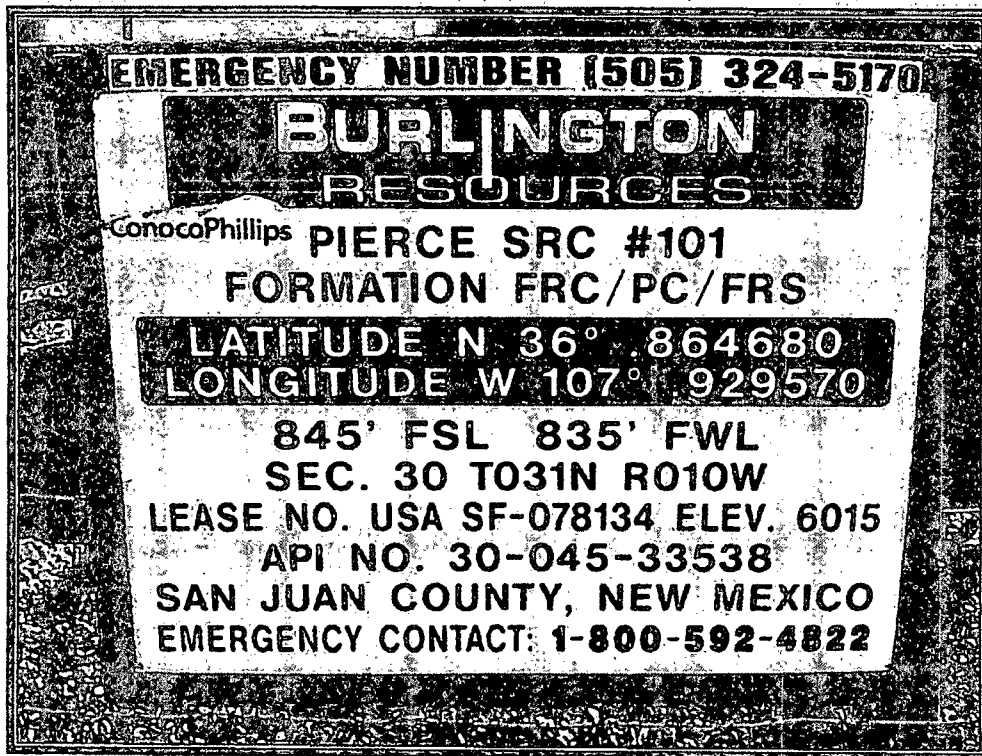


Photo 1: Pierce SRC #2C Site Sign

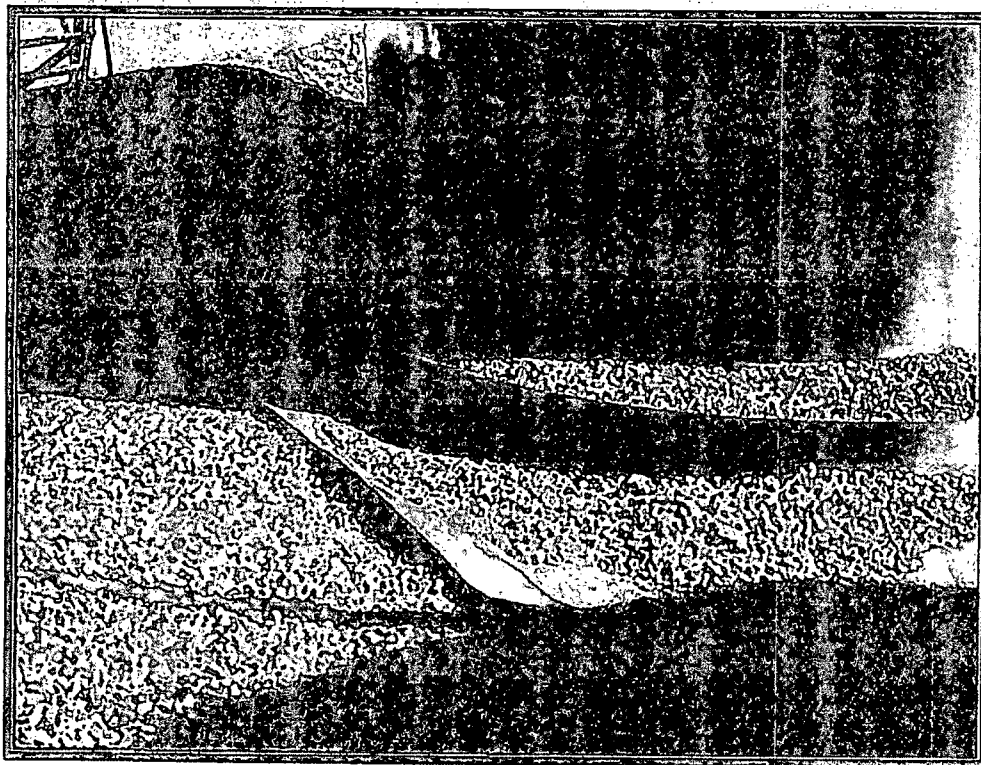


Photo 2: View of Release Area

**Spill Report
ConocoPhillips
Pierce SRC #2C
Project Number: 92115-2340**

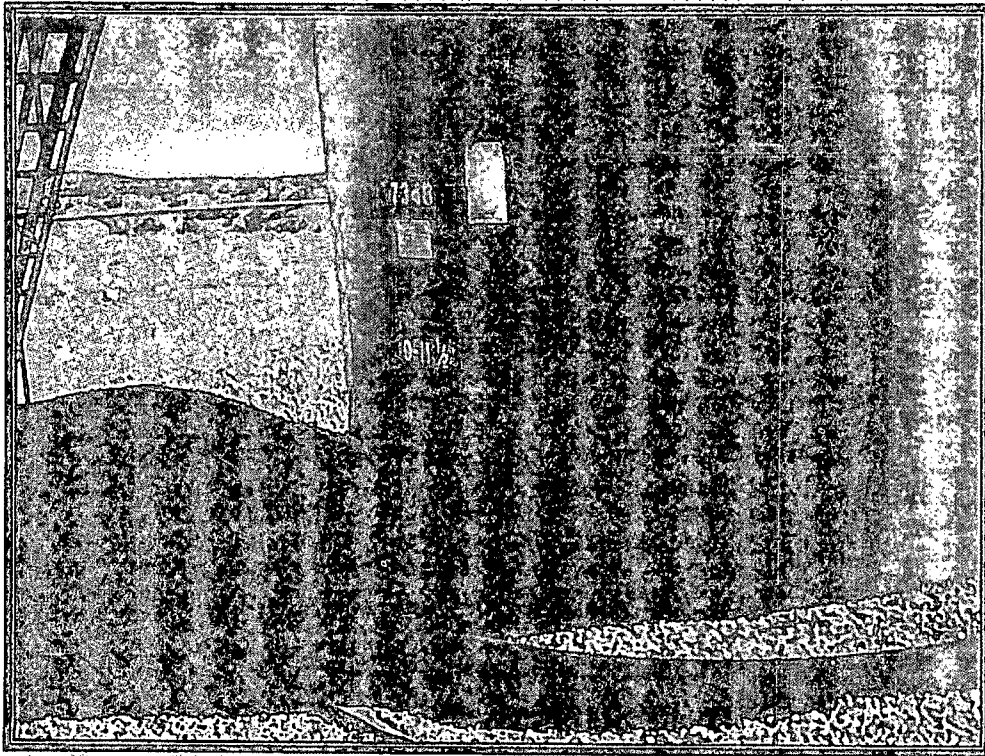


Photo 3: View of Aboveground Storage Tank

APPENDIX B,

Analytical Results



Report Summary

Client: ConocoPhillips

Chain of Custody Number: 14628

Samples Received: 10-31-12

Job Number: 92115-2340

Sample Number(s): 63593

Project Name/Location: Pierce SRC #2C

Entire Report Reviewed By:

Dene Zazari

Date:

11-08-12

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.



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

Client:	ConocoPhillips	Project #:	92115-2340
Sample ID:	5 pt. Comp	Date Reported:	11-02-12
Laboratory Number:	63593	Date Sampled:	10-31-12
Chain of Custody No:	14628	Date Received:	10-31-12
Sample Matrix:	Soil	Date Extracted:	11-02-12
Preservative:	Cool	Date Analyzed:	11-02-12
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)	2.4	0.1
Total Petroleum Hydrocarbons	2.4	

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: **Pierce SRC #2C**



EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	1102TCAL QA/QC	Date Reported:	11-02-12
Laboratory Number:	63593	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-12
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	11-02-12	9.9960E+02	1.0000E+03	0.04%	0 - 15%
Diesel Range C10 - C28	11-02-12	9.9960E+02	1.0000E+03	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	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	2.4	2.8	16.7%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	244	97.5%	75 - 125%
Diesel Range C10 - C28	2.4	250	297	118%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for Samples 63593, 63595-63602 and 63604



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	92115-2340
Sample ID:	5 pt Comp.	Date Reported:	11-02-12
Laboratory Number:	63593	Date Sampled:	10-31-12
Chain of Custody:	14628	Date Received:	10-31-12
Sample Matrix:	Soil	Date Analyzed:	11-02-12
Preservative:	Cool	Date Extracted:	11-02-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	10.0
Toluene	ND	10.0
Ethylbenzene	ND	10.0
p,m-Xylene	ND	10.0
o-Xylene	ND	10.0
Total BTEX	ND	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	88.3 %
	1,4-difluorobenzene	94.9 %
	Bromochlorobenzene	99.3 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Pierce SRC #2C



**EPA METHOD 8021
AROMATIC VOLATILE ORGANICS**

Client:	N/A	Project #:	N/A
Sample ID:	1102BCAL QA/QC	Date Reported:	11-02-12
Laboratory Number:	63604	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-12
Condition:	N/A	Analysis:	BTEX
		Dilution:	50

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect: Limit
	Accept. Range 0-15%				
Benzene	6.1097E-05	6.1833E-05	0.012	ND	0.2
Toluene	6.1480E-05	6.1480E-05	0.000	ND	0.2
Ethylbenzene	6.4168E-05	6.4168E-05	0.000	ND	0.2
p,m-Xylene	4.9954E-05	4.9954E-05	0.000	ND	0.2
o-Xylene	6.6778E-05	6.6778E-05	0.000	ND	0.2

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept. Range	Detect. Limit
Benzene	ND	ND	0.00	0 - 30%	10
Toluene	ND	ND	0.00	0 - 30%	10
Ethylbenzene	ND	ND	0.00	0 - 30%	10
p,m-Xylene	ND	ND	0.00	0 - 30%	10
o-Xylene	ND	ND	0.00	0 - 30%	10

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	2500	2440	97.6	39 - 150
Toluene	ND	2500	2760	110	46 - 148
Ethylbenzene	ND	2500	2540	102	32 - 160
p,m-Xylene	ND	5000	6180	124	46 - 148
o-Xylene	ND	2500	2670	107	46 - 148

ND - Parameter not detected at the stated detection limit.

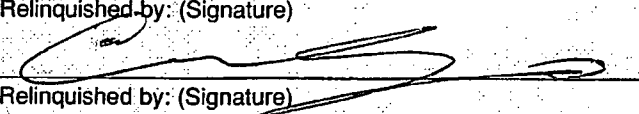
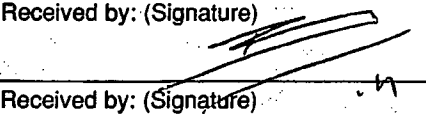
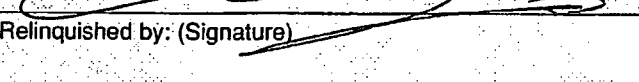
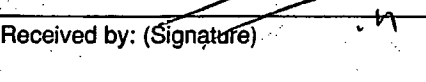
Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 63593, 63595-63602 and 63604

CHAIN OF CUSTODY RECORD

14628

Client: Canoco Phillips			Project Name / Location: Pierce SRC # 2C			ANALYSIS / PARAMETERS															
Email results to: amigo@envirotech-inc.com			Sampler Name: Chris Amigo			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact		
Client Phone No.:			Client No.: 92115-2340																		
Sample No. / Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
					HgCl ₂	HCl	Cool														
5 pt. Comp	10/31/12	11:45a	63593	1-402			X	XX									X			Y	Y
			P210058-DIA																		
Relinquished by: (Signature) 				Date	Time	Received by: (Signature) 												Date	Time		
Relinquished by: (Signature) 						Received by: (Signature) 															
Sample Matrix: Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>																					
<input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.																					



5795 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 • laboratory@envirotech-inc.com