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

30-045-25673

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company **Burlington Resources, A Wholly Owned Subsidiary Of ConocoPhillips Company**	Contact **Kelsi Harrington**	
Address **3401 E. 30th St., Farmington, NM 87402**	Telephone No. **505-599-3403**	
Facility Name **Congress #18**	Facility Type **Gas Well**	API# **3004525673**
Surface Owner **Federal**	Mineral Owner **Federal**	Lease No. **SF-047020-B**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	27	29N	11W	2127'	South	1931'	West	San Juan

Latitude **36.69535° N** Longitude **-107.98094° W**

NATURE OF RELEASE

Type of Release – **Produced Water & Crude Oil**	Volume of Release – **8 BBL (6 BBL Crude Oil & 2 BBL PW)**	Volume Recovered – **4 BBL (3 BBL Crude Oil & 1 BBL PW)**
Source of Release. **Separator**	Date and Hour of Occurrence **unknown**	Date and Hour of Discovery **9/18/2010 10:40 a.m.**
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? **Brandon Powell (NMOCD):Verbal and follow-up email Mark Kelly (BLM): Voicemail & follow-up email Kevin Schneider (BLM): Verbal & follow-up email**	
By Whom? **Kelsi Harrington**	Date and Hour – **9/20/2010 8:30 am** RCVD OCT 18 '10	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse OIL CONS. DIV.	
If a Watercourse was Impacted, Describe Fully.* DIST. 3		

Describe Cause of Problem and Remedial Action Taken * **On September 18, 2010, it was discovered that fluid was releasing out of the pressure relief valve on the separator. The spill was the result of a separator malfunction. Upon discovery, the separator & well were shut in. COPC personnel contained the spill and water truck was called to location. Approximately 4 BBL of fluid was recovered.**

Describe Area Affected and Cleanup Action Taken * **An estimated 6 BBL of fluid left location and traveled in a rut down a lease road approximately 160 feet. The impacted area on the lease road & well pad were excavated and confirmation sampling occurred. 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: Jonathan D. Kelly	
Title **Environmental Consultant**	Approval Date: 3/06/2010	Expiration Date
E-mail Address: **kelsi.g.harrington@conocophillips.com**	Conditions of Approval	Attached ☐
Date **10/5/10** Phone. **505-599-3403**		

* Attach Additional Sheets If Necessary

nJR1206639642

envirotech

October 5, 2010 Project Number 92115-1418

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

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

RE: SPILL ASSESSMENT AND CONFIRMATION SAMPLING DOCUMENTATION FOR THE CONGRESS #18 (HBR) WELL SITE, SAN JUAN COUNTY, NEW MEXICO

Dear Ms. Harrington,

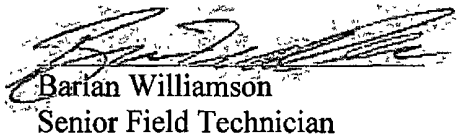
Enclosed please find the field notes and analytical results for spill assessment and confirmation sampling activities performed at the Congress #18 (hBr) well site located in Section 27, Township 29 North, Range 11 West, San Juan County, New Mexico. The spill was from a leak in a separator, and condensate and incidental oil were released. Upon Envirotech's arrival on September 20, 2010, a brief site assessment was conducted. Because distance to surface water was less than 200 feet from the well site, the regulatory standard for the site 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 spill traveled off location and approximately 160 feet to the west of location and along a rut in the road before pooling in a low area. Four (4) samples were initially collected from the area west of the location; see attached ***Field Notes***. One (1) composite sample was collected from the 40 feet furthest to the west on the travel path. One (1) composite sample was collected from western middle 40 foot section. One (1) composite sample was collected from the eastern middle 40 foot section. One (1) composite sample was collected from the furthest east most section against the location boundary. Each of the samples was analyzed in the field for TPH using USEPA Method 418.1 and OV using a PID. The initial samples returned results above the regulatory standards determined for this site. Each area was excavated approximately six (6) inches and four (4) additional samples were collected. The two eastern areas were trenched in the travel path approximately 70 feet by 3 feet by 3 feet deep prior to sampling. Each of the samples was analyzed in the field for TPH using USEPA Method 418.1 and OV using a PID. All samples returned results above the standards determined for this site; therefore excavation continued. Each of the samples returned results above the regulatory standards. The samples collected from six (6) inches BGS were placed into four (4)-ounce glass jars, 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 for benzene and BTEX using USEPA Method 8021. The sample returned results below regulatory standards for all constituents analyzed; see attached ***Analytical Results***.

On September 27, 2010, Envirotech personnel returned to location to sample the area affected by the spill inside of location boundaries. The spill area was excavated to approximately 22 feet by 18 feet by 12 to 24 inches deep. One (1) composite sample was collected from the excavation and analyzed in the field for TPH using USEPA Method 418.1 and for OV using a PID. The sample returned results of 312 ppm TPH and 8.3 ppm OV. The sample was 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 for benzene and BTEX using USEPA Method 8021. The sample returned results below regulatory standards for all constituents analyzed; see attached ***Analytical Results***. The excavated soil was transported to Envirotech's NMOCD permitted land farm for remediation; see attached ***Bill of Lading***.

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.



Barlan Williamson
Senior Field Technician
bwilliamson@envirotech-inc.com

Enclosure(s): Analytical Results
Field Notes
Bill of Lading

Cc: Client File 92115

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Conoco Phillips	Project #:	92115-1418
Sample No.:	1	Date Reported:	10/5/2010
Sample ID:	East	Date Sampled:	9/20/2010
Sample Matrix:	Soil	Date Analyzed:	9/20/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**1,280**	**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: **Congress #18 Well Site**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Barian Williamson, FT
Printed

Review

Robyn Jones, EIT
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Conoco Phillips	Project #:	92115-1418
Sample No.:	2	Date Reported:	10/5/2010
Sample ID:	East Middle	Date Sampled:	9/20/2010
Sample Matrix:	Soil	Date Analyzed:	9/20/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**34,200**	**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: **Congress #18 Well Site**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Barian Williamson, FT
Printed

Review

Robyn Jones, EIT
Printed

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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Conoco Phillips	Project #:	92115-1418
Sample No.:	3	Date Reported:	10/5/2010
Sample ID:	West Middle	Date Sampled:	9/20/2010
Sample Matrix:	Soil	Date Analyzed:	9/20/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**2,800**	**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: **Congress #18 Well Site**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Barian Williamson, FT
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Review

Robyn Jones, EIT
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EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Conoco Phillips	Project #:	92115-1418
Sample No.:	4	Date Reported:	10/5/2010
Sample ID:	West	Date Sampled:	9/20/2010
Sample Matrix:	Soil	Date Analyzed:	9/20/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**756**	**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: **Congress #18 Well Site**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Barian Williamson, FT
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Robyn Jones, EIT
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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Conoco Phillips	Project #:	92115-1418
Sample No :	5	Date Reported:	10/5/2010
Sample ID:	West 2	Date Sampled:	9/20/2010
Sample Matrix:	Soil	Date Analyzed:	9/20/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**176**	**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: **Congress #18 Well Site**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Barian Williamson, FT
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Robyn Jones, EIT
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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Conoco Phillips	Project #:	92115-1418
Sample No.:	6	Date Reported:	10/5/2010
Sample ID:	West Middle 2	Date Sampled:	9/20/2010
Sample Matrix:	Soil	Date Analyzed:	9/20/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**324**	**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: **Congress #18 Well Site**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

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Robyn Jones, EIT
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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Conoco Phillips	Project #:	92115-1418
Sample No.:	7	Date Reported:	10/5/2010
Sample ID:	East Middle 2	Date Sampled:	9/20/2010
Sample Matrix:	Soil	Date Analyzed:	9/20/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**360**	**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: **Congress #18 Well Site**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

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Review

Robyn Jones, EIT
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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Conoco Phillips	Project #:	92115-1418
Sample No.:	8	Date Reported:	10/5/2010
Sample ID:	East	Date Sampled:	9/20/2010
Sample Matrix:	Soil	Date Analyzed:	9/20/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**148**	**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: **Congress #18 Well Site**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Barian Williamson, FT
Printed

Review

Robyn Jones, EIT
Printed

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CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 20-Sep-10

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	206	204
	500	
	1000	

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

Analyst

10/5/2010
Date

Barian Williamson, FT
Print Name

Review

10/5/2010
Date

Robyn Jones, EIT
Print Name

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Conoco Phillips	Project #:	92115-1418
Sample No.:	1	Date Reported:	10/5/2010
Sample ID:	Excavation Composite	Date Sampled:	9/27/2010
Sample Matrix:	Soil	Date Analyzed:	9/27/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**312**	**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: **Congress #18 Well Site**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Robyn Jones, EIT
Printed

Review

Barian Williamson, FT
Printed

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CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 27-Sep-10

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	206	220
	500	
	1000	

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

Analyst

10/5/2010
Date

Robyn Jones, EIT
Print Name

Review

10/5/2010
Date

Barian Williamson, FT
Print Name

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Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	92115-1418
Sample ID:	West 2	Date Reported:	09-22-10
Laboratory Number:	55919	Date Sampled:	09-20-10
Chain of Custody No:	10381	Date Received:	09-20-10
Sample Matrix:	Soil	Date Extracted:	09-21-10
Preservative:	Cool	Date Analyzed:	09-21-10
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.7**	**0.2**
Diesel Range (C10 - C28)	**0.5**	**0.1**
Total Petroleum Hydrocarbons	**1.2**	

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: **Congress #18 (hBr)**

Analyst

Review

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Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	92115-1418
Sample ID:	West Mid 2	Date Reported:	09-22-10
Laboratory Number:	55920	Date Sampled:	09-20-10
Chain of Custody No:	10381	Date Received:	09-20-10
Sample Matrix:	Soil	Date Extracted:	09-21-10
Preservative:	Cool	Date Analyzed:	09-21-10
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.9**	**0.2**
Diesel Range (C10 - C28)	**3.3**	**0.1**
Total Petroleum Hydrocarbons	**4.2**	

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: **Congress #18 (hBr)**

Analyst

Review

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Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	92115-1418
Sample ID:	East Mid 2	Date Reported:	09-22-10
Laboratory Number:	55921	Date Sampled:	09-20-10
Chain of Custody No:	10381	Date Received:	09-20-10
Sample Matrix:	Soil	Date Extracted:	09-21-10
Preservative:	Cool	Date Analyzed:	09-21-10
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.8**	**0.2**
Diesel Range (C10 - C28)	**1.0**	**0.1**
Total Petroleum Hydrocarbons	**1.8**	

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: **Congress #18 (hBr)**

Analyst

Review

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envirotech
Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	92115-1418
Sample ID:	East 2	Date Reported:	09-22-10
Laboratory Number:	55922	Date Sampled:	09-20-10
Chain of Custody No:	10381	Date Received:	09-20-10
Sample Matrix:	Soil	Date Extracted:	09-21-10
Preservative:	Cool	Date Analyzed:	09-21-10
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: **Congress #18 (hBr)**

Analyst

Review

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envirotech
Analytical Laboratory

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	09-21-10 QA/QC	Date Reported:	09-22-10
Laboratory Number:	55919	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-21-10
Condition:	N/A	Analysis Requested:	TPH

	Cal Date	Cal RF:	C-Cal RF:	% Difference	Accept Range
Gasoline Range C5 - C10	09-21-10	9.9960E+002	1.0000E+003	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	09-21-10	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	**0.7**	**0.8**	**14.3%**	**0 - 30%**
Diesel Range C10 - C28	**0.5**	**0.5**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	**0.7**	**250**	**257**	**102%**	**75 - 125%**
Diesel Range C10 - C28	**0.5**	**250**	**255**	**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 55919-55922**

Analyst

Review

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CHAIN OF CUSTODY RECORD

10381

Client:	Project Name / Location:
Conoco Phillips	Congress #18 (HBr)
Client Address:	**Sampler Name:** Barian Williamson
Client Phone No.:	**Client No.:** 96052 ~~87054~~ 92115-1418

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative: $HgCl_2$	Preservative: HCl	Preservative: Cool	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
West 2	9/20/10	17:19	55919	(Soil) Solid Sludge Aqueous	1-4oz			X	X														Y	Y
WestMid 2		17:34	55920	(Soil) Solid Sludge Aqueous				X	X															
East mid 2		17:54	55921	(Soil) Solid Sludge Aqueous				X	X															
East 2		18:25	55922	(Soil) Solid Sludge Aqueous				X	X															
				Soil Solid Sludge Aqueous																				
				Soil Solid Sludge Aqueous																				
				Soil Solid Sludge Aqueous																				
				Soil Solid Sludge Aqueous																				
				Soil Solid Sludge Aqueous																				
				Soil Solid Sludge Aqueous																				

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	9/20/10	19:25	Rene Mazzini	9/20/10	19:25
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

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EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #.	92115-1418
Sample ID:	Excavation Comp.	Date Reported:	09-28-10
Laboratory Number:	55968	Date Sampled:	09-27-10
Chain of Custody No:	10407	Date Received:	09-27-10
Sample Matrix:	Soil	Date Extracted:	09-27-10
Preservative:	Cool	Date Analyzed:	09-28-10
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: **Congress #18**

Analyst

Review

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EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	09-28-10 QA/QC	Date Reported:	09-28-10
Laboratory Number:	55966	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-28-10
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	09-28-10	9.9960E+002	1.0000E+003	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	09-28-10	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	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**2.3**	**2.3**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**254**	**102%**	**75 - 125%**
Diesel Range C10 - C28	**2.3**	**250**	**256**	**101%**	**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 55966, 55968-55970**

Analyst

Review

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	92115-1418
Sample ID:	Excavation Comp.	Date Reported:	09-28-10
Laboratory Number:	55968	Date Sampled:	09-27-10
Chain of Custody:	10407	Date Received:	09-27-10
Sample Matrix:	Soil	Date Analyzed:	09-28-10
Preservative:	Cool	Date Extracted:	09-27-10
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	10

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**0.9**
Toluene	**ND**	**1.0**
Ethylbenzene	**ND**	**1.0**
p,m-Xylene	**ND**	**1.2**
o-Xylene	**ND**	**0.9**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**99.6 %**
	1,4-difluorobenzene	**95.4 %**
	Bromochlorobenzene	**97.8 %**

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: **Congress #18**

Analyst

Review

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	0928BBLK QA/QC	Date Reported:	09-28-10
Laboratory Number:	55966	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative.	N/A	Date Analyzed:	09-28-10
Condition:	N/A	Analysis:	BTEX
		Dilution:	10

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	6.6193E+005	6.6326E+005	**0.2%**	**ND**	**0.1**
Toluene	7.2137E+005	7.2282E+005	**0.2%**	**ND**	**0.1**
Ethylbenzene	6.6935E+005	6.7070E+005	**0.2%**	**ND**	**0.1**
p,m-Xylene	1.6285E+006	1.6318E+006	**0.2%**	**ND**	**0.1**
o-Xylene	6.1009E+005	6.1131E+005	**0.2%**	**ND**	**0.1**

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	**ND**	**ND**	**0.0%**	**0 - 30%**	**0.9**
Toluene	**ND**	**ND**	**0.0%**	**0 - 30%**	**1.0**
Ethylbenzene	**ND**	**ND**	**0.0%**	**0 - 30%**	**1.0**
p,m-Xylene	**ND**	**ND**	**0.0%**	**0 - 30%**	**1.2**
o-Xylene	**ND**	**ND**	**0.0%**	**0 - 30%**	**0.9**

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	**ND**	**500**	**483**	**96.6%**	**39 - 150**
Toluene	**ND**	**500**	**496**	**99.1%**	**46 - 148**
Ethylbenzene	**ND**	**500**	**518**	**104%**	**32 - 160**
p,m-Xylene	**ND**	**1000**	**989**	**98.9%**	**46 - 148**
o-Xylene	**ND**	**500**	**502**	**100%**	**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 55966, 55968-55969**

Analyst

Review

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RUSH** **CHAIN OF CUSTODY RECORD** 10407

Client: ConocoPhillips	Project Name / Location: Congress #18
Client Address:	Sampler Name: R Jones
Client Phone No.:	Client No.: 92115-1418

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl2	Preservative HCl	Preservative Cool	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
Excavation comp.	9/27/10	12:20	55968	(Soil) Solid Sludge Aqueous	1-4oz			✓	✓	✓												Y	Y
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Robyn S Jones [signature]	9/27/10	13:10	[signature]	9/27/10	13:10
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

Email Results TO Robyn J.

envirotech Analytical Laboratory

RUSH**

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nt: ConocoPhillips

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5796 U.S. Hwy 64, Farmington, NM 87401

Location No: 92115-1418
C.O.C. No:

ELD REPORT: SPILL CLOSURE VERIFICATION

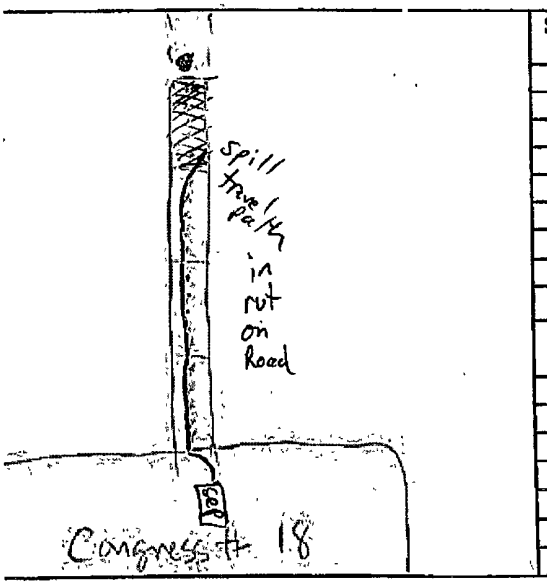
PAGE NO: 1 OF 1
DATE STARTED: 9-20-10
DATE FINISHED: 9-20-10
ENVIRONMENTAL SPECIALIST: B. Williamson

CATION: NAME: Congress WELL #: 18 access road
AD/UNIT: K SEC: 27 TWP: 29N RNG: 11W PM: CNTY: SJ ST: NM
UFOOTAGE: CONTRACTOR:

CAVATION APPROX: small trench ~~FT. X~~ ~~FT. X~~ FT. DEEP CUBIC YARDAGE:
POSAL FACILITY: Envirotech Land Spread on Location REMEDIATION METHOD: Removed
ND USE: Public LEASE: 300452562 3 LAND OWNER:
USE OF RELEASE: Separator leak MATERIAL RELEASED: Condensate
E LOCATED APPROXIMATELY: 160 FT. West FROM Congress #18
TH TO GROUNDWATER: 20' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: ~~257~~ <200
OCD RANKING SCORE: 20 NMOCD TPH CLOSURE STD: 100 PPM
AND EXCAVATION DESCRIPTION: Collected 4 - 4oz jars for 8015 analysis

AMPLE DESCRIPTION	TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
206 STD	15:45	STD	-	-	-	-	204	
ST	15:53	1	-	5	20	4	319	1276
st mid	16:02	2	-	5	20	4	9885	39542
st Mid	16:14	3	-	5	20	4	699	2796
est	16:21	4	-	5	20	4	189	756
est 2	17:19	5	-	5	20	4	44	176
st Mid 2	17:34	6	-	5	20	4	81	324
st mid 2	17:54	7	-	5	20	4	90	360
est	18:25	8	-	5	20	4	37	148

SPILL PERIMETER



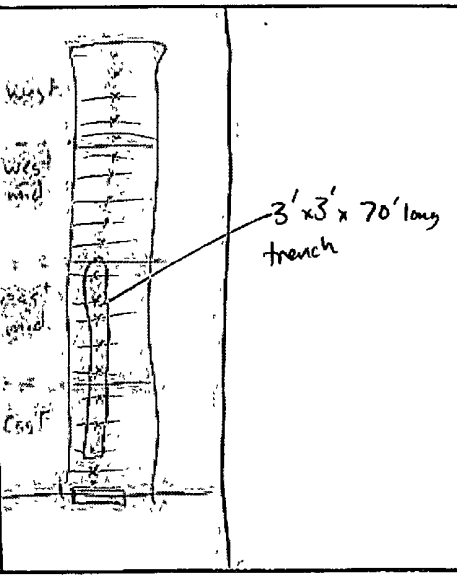
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1	52.5
2	269.5
3	86.5
4	36.5
5	10.5
6	15.5
7	5.5
8	3.0

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
5	8015	
6	8015	
7	8015	
8	8015	

SPILL PROFILE



AVEL NOTES: CALLED OUT: ONSITE:

ent: ConocoPhillips	envirotech (505) 632-0615 (800) 362-1879 5796 U.S. Hwy 64, Farmington, NM 87401	Location No: C.O.C. No:

ELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 1 OF 1
DATE STARTED: 9-21-10
DATE FINISHED:
ENVIRONMENTAL SPECIALIST: [illegible]

CATION: NAME: [illegible] WELL #: 1B
AD/UNIT: SEC: 37 TWP: 29N RNG: 11W PM: NMPM CNTY: SJ ST: NM
R/FOOTAGE: 2127 FSL & 1931' FWL CONTRACTOR: [illegible]

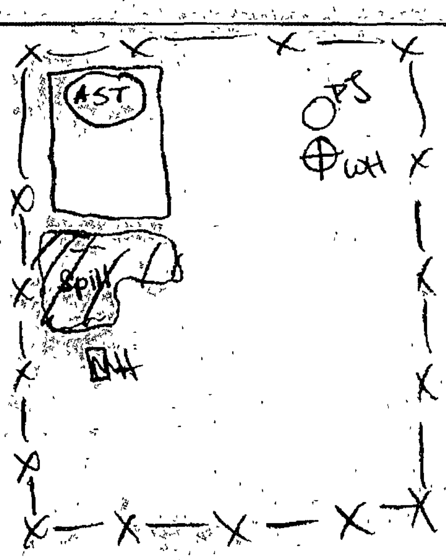
CAVATION APPROX: 22 FT. X 18 FT. X 1-2 FT. DEEP CUBIC YARDAGE:
POSAL FACILITY: Envirotech, Inc. REMEDIATION METHOD: Landfarm
ND USE: [illegible] LEASE: SF-047020-B LAND OWNER: Federal
USE OF RELEASE: Separator leak MATERIAL RELEASED: [illegible]
LL LOCATED APPROXIMATELY: FT. FROM
TH TO GROUNDWATER: <50 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: <200
OCD RANKING SCORE: 40 NMOCD TPH CLOSURE STD: 100 PPM

L AND EXCAVATION DESCRIPTION:

Talked to Kelsi, leaking pipe plugged after arrival (Area after leaking shoveled out & included in composite sample. Run sample for 8015, 8021

MPLE DESCRIPTION	TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
[illegible]	11:51	200 [illegible]					200	
[illegible] Comp	15:28	1	—	5	20	4	78	312

SPILL PERIMETER



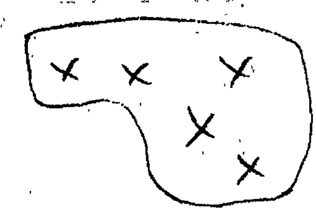
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
100 Std	103
1	8.2

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1	8015	
1	8021	

SPILL PROFILE



VEL NOTES: ________ CALLED OUT: ________ ONSITE: ________

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Bill of Lading

MANIFEST # 36620 1418

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 9-27-10 JOB# 92115 - [illegible]

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	COP Conjess #18	LF III 3	Cont Soil	I-28	20	—	CF&M	271	13:25	[signature]
2	" "	" "	" "	I-28	20	—	Sierra oil Field	28	14:30	[signature]
3	" "	" "	" "	I-28	20	—	CF&M	271	15:20	[signature]
4	" "	" "	" "	I-28	20	—	Sierra oil Field	28	15:30	[signature]
5	" "	" "	" "	I-28	20	—	CF&M	271	16:40	[signature]
					100					
	hBR									
							Enviro			

RESULTS:

<294	CHLORIDE TEST	2
	PAINT FILTER TEST	2

LANDFARM EMPLOYEE: [signature]

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Elvin T Ritchey COMPANY CF&M oil Field Serv SIGNATURE [signature]

COMPANY CONTACT John K PHONE 7732621 DATE Sept 27 10

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