

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 <b>Burlington Resources, a Wholly Owned Subsidiary of ConocoPhillips Company</b>	Contact <b>Lisa Hunter</b>
Address <b>3401 East 30<sup>th</sup> St, Farmington, NM</b>	Telephone No. <b>(505) 326-9786</b>
Facility Name: <b>San Juan 27-5 Unit 117</b>	Facility Type: <b>Gas Well</b>

Surface Owner <b>Public</b>	Mineral Owner <b>Fee</b>	API No. <b>3003920221</b>
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**LOCATION OF RELEASE**

Unit Letter <b>A</b>	Section <b>22</b>	Township <b>27N</b>	Range <b>05W</b>	Feet from the <b>800</b>	North/South Line <b>North</b>	Feet from the <b>800</b>	East/West Line <b>East</b>	County <b>Rio Arriba</b>
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Latitude 36.56369 Longitude -107.33879

**NATURE OF RELEASE**

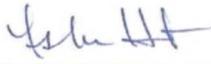
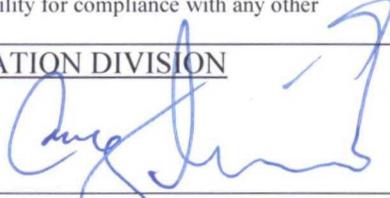
Type of Release <b>Condensate &amp; Produced Water</b>	Volume of Release <b>45BBLs</b>	Volume Recovered <b>45BBLs</b>
Source of Release <b>Below Grade Tank</b>	Date and Hour of Occurrence <b>Unknown</b>	Date and Hour of Discovery <b>01/28/15 @ 11:00 a.m.</b>
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? <b>Cory Smith, NMOCD</b>	
By Whom? <b>Lisa Hunter</b>	Date and Hour <b>01/29/15 @ 10:25 a.m.</b>	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. <b>n/a</b>	

If a Watercourse was Impacted, Describe Fully.\*  
**n/a**

Describe Cause of Problem and Remedial Action Taken.\*  
**Tank was actively leaking into cribbing when discovered. Water truck as called and recovered fluid immediately. Hole was plugged with Plug n Dike to hold remaining fluid in tank. All equipment was shut down and locked out. No fluid left cribbing area and impermeable liner did a good job of retaining the fluid.**

Describe Area Affected and Cleanup Action Taken.\*  
**ConocoPhillips will assess the soil to determine a path forward for clean-up if necessary. Sample taken and submitted to laboratory on February 4, 2015 to confirm no contamination under line. Analytical results were below the NMOCD regulatory standards – no further action required. The soil sampling report is attached for review. No further remediation required. Cory Smith of NMOCD approved via telephone conversation.**

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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: <b>Lisa Hunter</b>	Approved by Environmental Specialist: 	
Title: <b>Field Environmental Specialist</b>	Approval Date: <b>4/13/15</b>	Expiration Date:
E-mail Address: <b>Lisa.Hunter@cop.com</b>	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <b>February 9, 2015</b>	Phone: <b>(505) 326-9786</b>	

\* Attach Additional Sheets If Necessary

#NCS 15103 48506

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Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

February 06, 2015

Lisa Hunter  
Conoco Phillips  
5525 Hwy 64 (3401 E. 30th St)  
Farmington, NM 87402  
TEL: (505) 258-1607  
FAX

RE: San Juan 27-5 #117

OrderNo.: 1502193

Dear Lisa Hunter:

Hall Environmental Analysis Laboratory received 1 sample(s) on 2/5/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Conoco Phillips

Client Sample ID: BGT Soil Comp

Project: San Juan 27-5 #117

Collection Date: 2/4/2015 10:50:00 AM

Lab ID: 1502193-001

Matrix: MEOH (SOIL)

Received Date: 2/5/2015 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8015D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	2/5/2015 10:14:13 AM	17578
Surr: DNOP	90.0	63.5-128		%REC	1	2/5/2015 10:14:13 AM	17578
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	120	2.7		mg/Kg	1	2/5/2015 9:43:12 AM	17567
Surr: BFB	740	80-120	S	%REC	1	2/5/2015 9:43:12 AM	17567
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	0.11	0.027		mg/Kg	1	2/5/2015 9:43:12 AM	17567
Toluene	1.6	0.027		mg/Kg	1	2/5/2015 9:43:12 AM	17567
Ethylbenzene	0.61	0.027		mg/Kg	1	2/5/2015 9:43:12 AM	17567
Xylenes, Total	7.1	0.54		mg/Kg	10	2/5/2015 11:09:22 AM	17567
Surr: 4-Bromofluorobenzene	169	80-120	S	%REC	1	2/5/2015 9:43:12 AM	17567
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LGT</b>
Chloride	52	30		mg/Kg	20	2/5/2015 10:35:41 AM	17584

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1502193

06-Feb-15

**Client:** Conoco Phillips  
**Project:** San Juan 27-5 #117

Sample ID	<b>MB-17584</b>	SampType:	<b>MBLK</b>	TestCode:	<b>EPA Method 300.0: Anions</b>					
Client ID:	<b>PBS</b>	Batch ID:	<b>17584</b>	RunNo:	<b>24142</b>					
Prep Date:	<b>2/5/2015</b>	Analysis Date:	<b>2/5/2015</b>	SeqNo:	<b>711787</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	<b>LCS-17584</b>	SampType:	<b>LCS</b>	TestCode:	<b>EPA Method 300.0: Anions</b>					
Client ID:	<b>LCSS</b>	Batch ID:	<b>17584</b>	RunNo:	<b>24142</b>					
Prep Date:	<b>2/5/2015</b>	Analysis Date:	<b>2/5/2015</b>	SeqNo:	<b>711788</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.6	90	110			

## Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1502193  
06-Feb-15

Client: Conoco Phillips  
Project: San Juan 27-5 #117

Sample ID	<b>MB-17578</b>	SampType:	<b>MBLK</b>	TestCode:	<b>EPA Method 8015D: Diesel Range Organics</b>					
Client ID:	<b>PBS</b>	Batch ID:	<b>17578</b>	RunNo:	<b>24112</b>					
Prep Date:	<b>2/5/2015</b>	Analysis Date:	<b>2/5/2015</b>	SeqNo:	<b>710887</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	11		10.00		109	63.5	128			

Sample ID	<b>LCS-17578</b>	SampType:	<b>LCS</b>	TestCode:	<b>EPA Method 8015D: Diesel Range Organics</b>					
Client ID:	<b>LCSS</b>	Batch ID:	<b>17578</b>	RunNo:	<b>24111</b>					
Prep Date:	<b>2/5/2015</b>	Analysis Date:	<b>2/5/2015</b>	SeqNo:	<b>710956</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.00	0	105	67.8	130			
Surr: DNOP	4.5		5.000		89.9	63.5	128			

Sample ID	<b>1502193-001AMS</b>	SampType:	<b>MS</b>	TestCode:	<b>EPA Method 8015D: Diesel Range Organics</b>					
Client ID:	<b>BGT Soil Comp</b>	Batch ID:	<b>17578</b>	RunNo:	<b>24112</b>					
Prep Date:	<b>2/5/2015</b>	Analysis Date:	<b>2/5/2015</b>	SeqNo:	<b>711124</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	9.9	49.26	0	108	29.2	176			
Surr: DNOP	4.8		4.926		97.9	63.5	128			

Sample ID	<b>1502193-001AMSD</b>	SampType:	<b>MSD</b>	TestCode:	<b>EPA Method 8015D: Diesel Range Organics</b>					
Client ID:	<b>BGT Soil Comp</b>	Batch ID:	<b>17578</b>	RunNo:	<b>24112</b>					
Prep Date:	<b>2/5/2015</b>	Analysis Date:	<b>2/5/2015</b>	SeqNo:	<b>711284</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	9.9	49.46	0	106	29.2	176	2.05	23	
Surr: DNOP	4.8		4.946		96.6	63.5	128	0	0	

**Qualifiers:**

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- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1502193

06-Feb-15

Client: Conoco Phillips  
Project: San Juan 27-5 #117

Sample ID	<b>MB-17567</b>	SampType:	<b>MBLK</b>	TestCode:	<b>EPA Method 8015D: Gasoline Range</b>					
Client ID:	<b>PBS</b>	Batch ID:	<b>17567</b>	RunNo:	<b>24122</b>					
Prep Date:	<b>2/4/2015</b>	Analysis Date:	<b>2/5/2015</b>	SeqNo:	<b>711439</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	940		1000		94.1	80	120			

Sample ID	<b>LCS-17567</b>	SampType:	<b>LCS</b>	TestCode:	<b>EPA Method 8015D: Gasoline Range</b>					
Client ID:	<b>LCSS</b>	Batch ID:	<b>17567</b>	RunNo:	<b>24122</b>					
Prep Date:	<b>2/4/2015</b>	Analysis Date:	<b>2/5/2015</b>	SeqNo:	<b>711440</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	105	64	130			
Surr: BFB	1100		1000		106	80	120			

## Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1502193  
06-Feb-15

**Client:** Conoco Phillips  
**Project:** San Juan 27-5 #117

Sample ID	<b>MB-17567</b>	SampType:	<b>MBLK</b>	TestCode:	<b>EPA Method 8021B: Volatiles</b>					
Client ID:	<b>PBS</b>	Batch ID:	<b>17567</b>	RunNo:	<b>24122</b>					
Prep Date:	<b>2/4/2015</b>	Analysis Date:	<b>2/5/2015</b>	SeqNo:	<b>711478</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		108	80	120			

Sample ID	<b>LCS-17567</b>	SampType:	<b>LCS</b>	TestCode:	<b>EPA Method 8021B: Volatiles</b>					
Client ID:	<b>LCSS</b>	Batch ID:	<b>17567</b>	RunNo:	<b>24122</b>					
Prep Date:	<b>2/4/2015</b>	Analysis Date:	<b>2/5/2015</b>	SeqNo:	<b>711479</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.050	1.000	0	112	80	120			
Toluene	1.1	0.050	1.000	0	108	80	120			
Ethylbenzene	1.1	0.050	1.000	0	113	80	120			
Xylenes, Total	3.4	0.10	3.000	0	112	80	120			
Surr: 4-Bromofluorobenzene	1.2		1.000		122	80	120			S

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
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- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

**Sample Log-In Check List**

Client Name: Conoco Phillips Farm HW

Work Order Number: 1502193

RcptNo: 1

Received by/date: LM 02/05/15

Logged By: Ashley Gallegos 2/5/2015 7:45:00 AM AG

Completed By: Ashley Gallegos 2/5/2015 8:07:45 AM AG

Reviewed By: CS 02/05/15

**Chain of Custody**

- 1. Custody seals intact on sample bottles? Yes  No  Not Present
- 2. Is Chain of Custody complete? Yes  No  Not Present
- 3. How was the sample delivered? Courier

**Log In**

- 4. Was an attempt made to cool the samples? Yes  No  NA
- 5. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
- 6. Sample(s) in proper container(s)? Yes  No
- 7. Sufficient sample volume for indicated test(s)? Yes  No
- 8. Are samples (except VOA and ONG) properly preserved? Yes  No
- 9. Was preservative added to bottles? Yes  No  NA
- 10. VOA vials have zero headspace? Yes  No  No VOA Vials
- 11. Were any sample containers received broken? Yes  No
- 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes  No
- 13. Are matrices correctly identified on Chain of Custody? Yes  No
- 14. Is it clear what analyses were requested? Yes  No
- 15. Were all holding times able to be met? (If no, notify customer for authorization.) Yes  No

# of preserved bottles checked for pH: \_\_\_\_\_  
 (<2 or >12 unless noted)  
 Adjusted? \_\_\_\_\_  
 Checked by: \_\_\_\_\_

**Special Handling (if applicable)**

- 16. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

17. Additional remarks:

**18. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.1	Good	Yes			

