

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

OIL CONS. DIV DIST. 3

JUN 16 2016

Form C-141
Revised August 8, 2011

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 Co.	Contact	Bobby Spearman
Address	3401 East 30 th St, Farmington, NM	Telephone No.	(505)-320-3045
Facility Name	Negro Canyon 102	Facility Type	Gas well

Surface Owner:	State	Mineral Owner:	Fed	API No.	3004532936
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	36	32N	8W	1995	South	1680	East	San Juan

Latitude 36.937560 Longitude -107.623942

NATURE OF RELEASE

Type of Release	Produce water	Volume of Release	12 bbl	Volume Recovered	10 bbl
Source of Release	Produced water tank	Date and Hour of Occurrence	5-9-16 @ 0800	Date and Hour of Discovery	Same
Was Immediate Notice Given?	If YES, To Whom?				
	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required				
By Whom?	Date and Hour				
Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse.				
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

1" ball valve on water transfer pump corroded and failed releasing produced water to berm area.

Describe Area Affected and Cleanup Action Taken.

On 5/24/16 a 5 point composite confirmation sampling was collected throughout the berm area at a depth of 6" or greater. Analytical results for the BTEX and TPH were below the regulatory standards (ND) set forth in the NMOCD Guidelines for Remediation of Leaks, Spills and Releases. Chlorides testing was conducted for information purposes and do not exceeded the NMOCD action level. No further action is needed. The final lab report is attached for your 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: <i>R. Spearman</i>	OIL CONSERVATION DIVISION	
Printed Name: Bobby Spearman	Approved by Environmental Specialist: <i>[Signature]</i>	
Title: Field Environmental Specialist	Approval Date: 06/29/2016	Expiration Date:
E-mail Address: Robert.E.Spearman@conocophillips.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 6-13-16	Phone: (505) 320-3045	

* Attach Additional Sheets If Necessary

NCS161323047

10



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

June 06, 2016

Robert Spearman
Conoco Phillips
5525 Hwy 64 (3401 E. 30th St)
Farmington, NM 87402
TEL: (505) 320-0699
FAX

RE: Negro Canyon 102

OrderNo.: 1605B15

Dear Robert Spearman:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/25/2016 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 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 qualifers 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1605B15

Date Reported: 6/6/2016

CLIENT: Conoco Phillips

Project: Negro Canyon 102

Lab ID: 1605B15-001

Matrix: SOIL

Client Sample ID: 5 Point

Collection Date: 5/24/2016 10:00:00 AM

Received Date: 5/25/2016 7:45:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 418.1: TPH						Analyst: TOM	
Petroleum Hydrocarbons, TR	ND	20		mg/Kg	1	5/27/2016	25529
EPA METHOD 300.0: ANIONS						Analyst: LGT	
Chloride	110	30		mg/Kg	20	6/1/2016 12:58:05 AM	25584
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: TOM	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/1/2016 11:00:12 PM	25585
Surr: DNOP	80.4	70-130		%Rec	1	6/1/2016 11:00:12 PM	25585
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/26/2016 7:18:16 PM	25505
Surr: BFB	110	80-120		%Rec	1	5/26/2016 7:18:16 PM	25505
EPA METHOD 8021B: VOLATILES						Analyst: NSB	
Benzene	ND	0.025		mg/Kg	1	5/26/2016 7:18:16 PM	25505
Toluene	ND	0.049		mg/Kg	1	5/26/2016 7:18:16 PM	25505
Ethylbenzene	ND	0.049		mg/Kg	1	5/26/2016 7:18:16 PM	25505
Xylenes, Total	ND	0.099		mg/Kg	1	5/26/2016 7:18:16 PM	25505
Surr: 4-Bromofluorobenzene	113	80-120		%Rec	1	5/26/2016 7:18:16 PM	25505

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

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	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	P Sample pH Not In Range
R	RPD outside accepted recovery limits	RL Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1605B15

06-Jun-16

Client: Conoco Phillips
Project: Negro Canyon 102

Sample ID	MB-25584	SampType:	mblk	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	25584	RunNo:	34591					
Prep Date:	5/31/2016	Analysis Date:	5/31/2016	SeqNo:	1066763	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-25584	SampType:	lcs	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	25584	RunNo:	34591					
Prep Date:	5/31/2016	Analysis Date:	5/31/2016	SeqNo:	1066764	Units:	mg/Kg			
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.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1605B15

06-Jun-16

Client: Conoco Phillips
Project: Negro Canyon 102

Sample ID	MB-25529	SampType:	MBLK	TestCode:	EPA Method 418.1: TPH					
Client ID:	PBS	Batch ID:	25529	RunNo:	34535					
Prep Date:	5/26/2016	Analysis Date:	5/27/2016	SeqNo:	1065201	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	ND	20								

Sample ID	LCS-25529	SampType:	LCS	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS	Batch ID:	25529	RunNo:	34535					
Prep Date:	5/26/2016	Analysis Date:	5/27/2016	SeqNo:	1065202	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	96	20	100.0	0	96.1	83.4	127			

Sample ID	LCSD-25529	SampType:	LCSD	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS02	Batch ID:	25529	RunNo:	34535					
Prep Date:	5/26/2016	Analysis Date:	5/27/2016	SeqNo:	1065203	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	99	20	100.0	0	98.9	83.4	127	2.89	20	

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | 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 | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1605B15

06-Jun-16

Client: Conoco Phillips
Project: Negro Canyon 102

Sample ID	1605B15-001AMS	SampType:	MS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	5 Point	Batch ID:	25585	RunNo:	34626					
Prep Date:	5/31/2016	Analysis Date:	6/1/2016	SeqNo:	1068502	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	9.5	47.26	0	102	33.9	141			
Surr: DNOP	4.2		4.726		88.6	70	130			

Sample ID	1605B15-001AMSD	SampType:	MSD	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	5 Point	Batch ID:	25585	RunNo:	34626					
Prep Date:	5/31/2016	Analysis Date:	6/1/2016	SeqNo:	1068503	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	9.8	48.97	0	102	33.9	141	3.45	20	
Surr: DNOP	4.4		4.897		88.9	70	130	0	0	

Sample ID	LCS-25585	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	25585	RunNo:	34626					
Prep Date:	5/31/2016	Analysis Date:	6/1/2016	SeqNo:	1068523	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.8	62.6	124			
Surr: DNOP	4.2		5.000		83.9	70	130			

Sample ID	MB-25585	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	25585	RunNo:	34626					
Prep Date:	5/31/2016	Analysis Date:	6/1/2016	SeqNo:	1068524	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	8.6		10.00		86.0	70	130			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | 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 | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1605B15

06-Jun-16

Client: Conoco Phillips
Project: Negro Canyon 102

Sample ID	MB-25505	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	25505	RunNo:	34502					
Prep Date:	5/25/2016	Analysis Date:	5/26/2016	SeqNo:	1064463	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		107	80	120			

Sample ID	LCS-25505	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	25505	RunNo:	34502					
Prep Date:	5/25/2016	Analysis Date:	5/26/2016	SeqNo:	1064464	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	91.4	80	120			
Surr: BFB	1200		1000		120	80	120			S

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1605B15

06-Jun-16

Client: Conoco Phillips
Project: Negro Canyon 102

Sample ID	MB-25505	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	25505	RunNo:	34502					
Prep Date:	5/25/2016	Analysis Date:	5/26/2016	SeqNo:	1064483	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		110	80	120			

Sample ID	LCS-25505	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	25505	RunNo:	34502					
Prep Date:	5/25/2016	Analysis Date:	5/26/2016	SeqNo:	1064484	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	96.3	75.3	123			
Toluene	0.98	0.050	1.000	0	98.2	80	124			
Ethylbenzene	0.97	0.050	1.000	0	96.8	82.8	121			
Xylenes, Total	2.9	0.10	3.000	0	96.3	83.9	122			
Surr: 4-Bromofluorobenzene	1.2		1.000		117	80	120			

Sample ID	1605B15-001AMS	SampType:	MS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	5 Point	Batch ID:	25505	RunNo:	34502					
Prep Date:	5/25/2016	Analysis Date:	5/26/2016	SeqNo:	1064486	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.024	0.9709	0	118	71.5	122			
Toluene	1.2	0.049	0.9709	0	122	71.2	123			
Ethylbenzene	1.2	0.049	0.9709	0	123	75.2	130			
Xylenes, Total	3.5	0.097	2.913	0	121	72.4	131			
Surr: 4-Bromofluorobenzene	1.2		0.9709		120	80	120			

Sample ID	1605B15-001AMSD	SampType:	MSD	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	5 Point	Batch ID:	25505	RunNo:	34502					
Prep Date:	5/25/2016	Analysis Date:	5/26/2016	SeqNo:	1064487	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.023	0.9302	0	110	71.5	122	11.5	20	
Toluene	1.1	0.047	0.9302	0	113	71.2	123	11.5	20	
Ethylbenzene	1.0	0.047	0.9302	0	110	75.2	130	14.9	20	
Xylenes, Total	3.1	0.093	2.791	0	109	72.4	131	14.1	20	
Surr: 4-Bromofluorobenzene	1.1		0.9302		121	80	120	0	0	S

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | 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 | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

Sample Log-In Check List

Client Name: Conoco Phillips Farmingt

Work Order Number: 1605B15

RcptNo: 1

Received by/date:

[Signature]

05/25/16

Logged By:

Lindsay Mangin

5/25/2016 7:45:00 AM

[Signature]

Completed By:

Lindsay Mangin

5/25/2016 8:26:07 AM

[Signature]

Reviewed By:

[Signature]

05/25/16

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	1.9	Good	Yes			

Client: Conoco Phillips

Mailing Address: PO Box 42589
Farmington NM 87413

Phone #: 505-320-3045

email or Fax#: robert.e.specimen@cop.com

QA/QC Package: STB e-team@cop.com

☒ Standard ☐ Level 4 (Full Validation)

Accreditation

☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Sample Temperature: 1.9

Tel. 505-345-3975 Fax 505-345-4107

X	BTEX + MTBE + THM's (8021)
	BTEX + MTBE + TPH (Gas only)
X	TPH 8015B (GRO / DRO / MPO)
X	TPH (Method 418.1)
	EDB (Method 504.1)
	PAH's (8310 or 8270 SIMS)
	RCRA 8 Metals
	Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)
	8081 Pesticides / 8082 PCB's
	8260B (VOA)
	8270 (Semi-VOA)
X	chlorides
	Air Bubbles (Y or N)

[illegible]

Date:	Time:	Relinquished by:	Received by:	Date	Time
24/16	1:30P	R. Spaulman	Chris West	5/24/16	1330
Date:	Time:	Relinquished by:	Received by:	Date	Time
24/16	1942	Must West	Chris West	05/25/16	0745

Remarks: WIO# 20531569
Bradley - Approver

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.