

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

JUL 18 2016

Submit 1 Copy to appropriate District Office to
accordance with 19.15.29 NMAC.

Form C-141
Revised August 8, 2011

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	San Juan 29-7 NP 509	Facility Type	Gas well
Surface Owner	State	Mineral Owner	State
		API	3003924293

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	16	29N	7W	795	North	1090	East	Rio Arriba

Latitude 36.72112 Longitude -107.57112

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	Unknown	Volume Recovered	None
Source of Release	BGT	Date and Hour of Occurrence	Unknown	Date and Hour of Discovery	Unknown
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?			
By Whom?	Date and Hour				
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Historic contamination was encountered after a soil sample was taken on 4-25-16

Describe Area Affected and Cleanup Action Taken.

On 4/25/16 a confirmation sampling was collected. 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>RSpearman</i>	OIL CONSERVATION DIVISION	
Printed Name: Bobby Spearman	Approved by Environmental Specialist: <i>[Signature]</i>	
Title: Field Environmental Specialist	Approval Date: 8/2/2016	Expiration Date:
E-mail Address: Robert.E.Spearman@conocophillips.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 7-14-16	Phone: (505) 320-3045	N/F 1621528875

* Attach Additional Sheets If Necessary



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

May 03, 2016

Emilee Skyles
Animas Environmental
604 Pinon Street
Farmington, NM 87401
TEL: (505) 564-2281
FAX

RE: COPC SJ 29 7 UNIT NP 509

OrderNo.: 1604B01

Dear Emilee Skyles:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/26/2016 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 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1604B01

Date Reported: 5/3/2016

CLIENT: Animas Environmental

Client Sample ID: S-1

Project: COPC SJ 29 7 UNIT NP 509

Collection Date: 4/25/2016 12:28:00 PM

Lab ID: 1604B01-001

Matrix: SOIL

Received Date: 4/26/2016 7:20:00 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	5/3/2016	25029
EPA METHOD 300.0: ANIONS							Analyst: SRM
Chloride	710	30		mg/Kg	20	4/28/2016 3:08:19 PM	25067
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/29/2016 2:26:55 AM	25014
Toluene	ND	0.048		mg/Kg	1	4/29/2016 2:26:55 AM	25014
Ethylbenzene	ND	0.048		mg/Kg	1	4/29/2016 2:26:55 AM	25014
Xylenes, Total	ND	0.095		mg/Kg	1	4/29/2016 2:26:55 AM	25014
Surr: 4-Bromofluorobenzene	98.4	80-120		%Rec	1	4/29/2016 2:26:55 AM	25014

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#: 1604B01

03-May-16

Client: Animas Environmental

Project: COPC SJ 29 7 UNIT NP 509

Sample ID	MB-25067	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	25067	RunNo:	33881					
Prep Date:	4/28/2016	Analysis Date:	4/28/2016	SeqNo:	1043530	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-25067	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	25067	RunNo:	33881					
Prep Date:	4/28/2016	Analysis Date:	4/28/2016	SeqNo:	1043531	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.5	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#: 1604B01

03-May-16

Client: Animas Environmental
Project: COPC SJ 29 7 UNIT NP 509

Sample ID	MB-25029	SampType:	MBLK	TestCode:	EPA Method 418.1: TPH					
Client ID:	PBS	Batch ID:	25029	RunNo:	33951					
Prep Date:	4/27/2016	Analysis Date:	5/3/2016	SeqNo:	1045945	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-25029	SampType:	LCS	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS	Batch ID:	25029	RunNo:	33951					
Prep Date:	4/27/2016	Analysis Date:	5/3/2016	SeqNo:	1045946	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	110	20	100.0	0	109	83.4	127			

Sample ID	LCSD-25029	SampType:	LCSD	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS02	Batch ID:	25029	RunNo:	33951					
Prep Date:	4/27/2016	Analysis Date:	5/3/2016	SeqNo:	1045947	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	110	20	100.0	0	110	83.4	127	1.24	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#: 1604B01

03-May-16

Client: Animas Environmental
Project: COPC SJ 29 7 UNIT NP 509

Sample ID	MB-25015	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	25015	RunNo:	33826					
Prep Date:	4/26/2016	Analysis Date:	4/27/2016	SeqNo:	1042402	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.99		1.000		99.1	80	120			

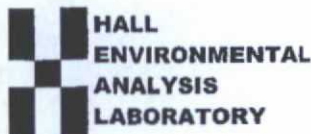
Sample ID	LCS-25015	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	25015	RunNo:	33826					
Prep Date:	4/26/2016	Analysis Date:	4/27/2016	SeqNo:	1042403	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		105	80	120			

Sample ID	MB-25014	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	25014	RunNo:	33826					
Prep Date:	4/26/2016	Analysis Date:	4/27/2016	SeqNo:	1042408	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	1.0		1.000		99.7	80	120			

Sample ID	LCS-25014	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	25014	RunNo:	33826					
Prep Date:	4/26/2016	Analysis Date:	4/27/2016	SeqNo:	1042409	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	92.0	75.3	123			
Toluene	0.89	0.050	1.000	0	88.9	80	124			
Ethylbenzene	0.88	0.050	1.000	0	88.2	82.8	121			
Xylenes, Total	2.6	0.10	3.000	0	87.6	83.9	122			
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			

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 |



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

Sample Log-In Check List

Client Name: Animas Environmental

Work Order Number: 1604B01

RcptNo: 1

Received by/date:

AT

04/26/16

Logged By: Lindsay Mangin

4/26/2016 7:20:00 AM

Lindsay Mangin

Completed By: Lindsay Mangin

4/26/2016 8:49:48 AM

Lindsay Mangin

Reviewed By:

Jn

04/26/16

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 $>0^{\circ}\text{C}$ 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 ☐ # of preserved bottles checked for pH: ☐ (<2 or >12 unless noted)
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐ Adjusted? ☐
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 ☐ 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 $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			

ITurn-Around Time:

Client: Animas Environmental Services, LLC

☒ Standard ☐ Rush

Project Name:	COPC SJ 29-7 UNIT NP 509
---------------	--------------------------

Mailing Address: 604 W Pinon St.

Project #:

Farmington, NM 87401

Phone #: 505-564-2281

Email or Fax#: eskyles@animasenvironmental.com

Project Manager:

2A/QC Package:

E. Skyles

☐ Standard ☒ Level 4 (Full Validation)

Accreditation:

Sampler:	CL/DTD
----------	--------

☒ NELAP ☐ Other

On Ice: ☒ Yes ☐ No

EDD (Type)

Sample Temperature: 1.0

[illegible]

late:	Time:	Relinquished by:
1/25/16	1743	Delilah Douzi

Received by:	Date	Time
<i>M. J. White</i>	4/25/10	1743

ate:	Time:	Relinquished by:
25/16	1849	Pat Wall

Received by:	Date	Time
<i>[Signature]</i>	04/26/16	172



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

[illegible]

Remarks: Bill to Conoco Phillips
WO # 21340555
Supervisor: Wyckoff
USERID: KAITLW
Area: 7
Ordered by: Bobby Spearman


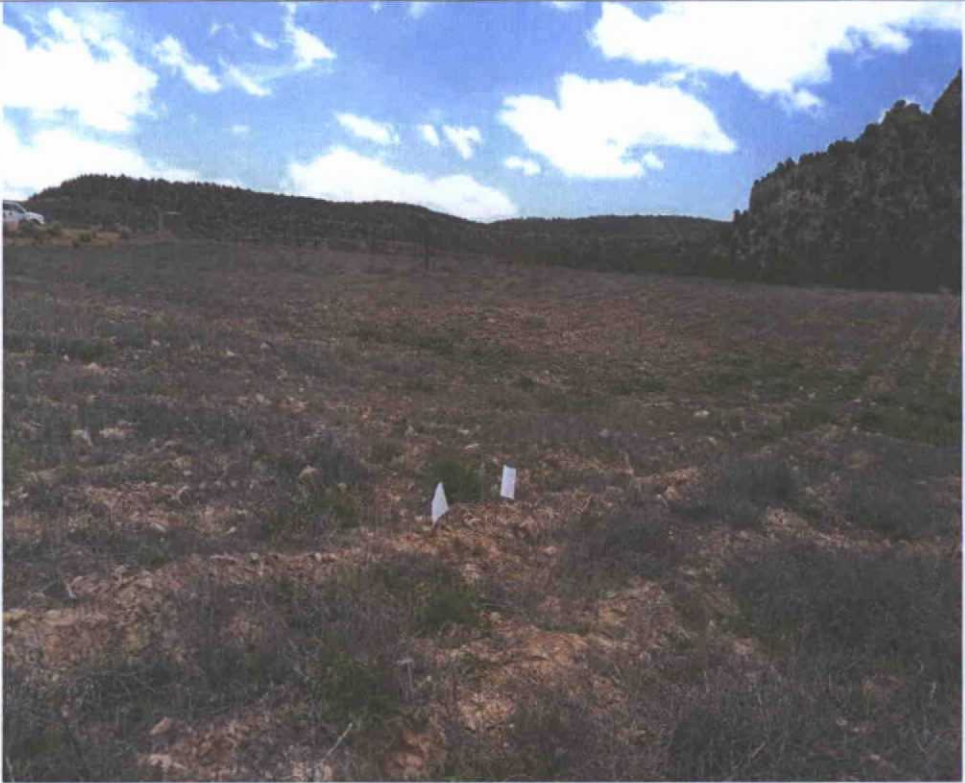
Photo #1	
Client: ConocoPhillips	
Project Name: San Juan 29-7 Unit NP 509	
Rio Arriba County, NM	
Date Photo Taken: April 25, 2016	
BGT GPS and Location: 36.73112, -107.57112 NE¼ NE¼, Section 16, T29N, R7W	
Taken by: Delilah Dougi, AES	Subject: BGT sampling, April 2016 Description: Facing N, overview of entire location.

Photo #2	
Client: ConocoPhillips	
Project Name: San Juan 29-7 Unit NP 509	
Rio Arriba County, NM	
Date Photo Taken: April 25, 2016	
BGT GPS and Location: 36.73112, -107.57112 NE¼ NE¼, Section 16, T29N, R7W	
Taken by: Delilah Dougi, AES	Subject: BGT sampling, April 2016 Description: Facing S, sample location.