

MAY 03 2016

Form C-141  
Revised August 8, 2011

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

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 <sup>th</sup> St, Farmington, NM	Telephone No. (505)-320-3045
Facility Name: San Juan 32-9 35	Facility Type: Gas well
Surface Owner: Fed	Mineral Owner: Fed
API No. 3004510929	

## LOCATION OF RELEASE

Unit Letter G	Section 10	Township 31N	Range 9W	Feet from the 1560	North/South Line North	Feet from the 1600	East/West Line South	County San Juan
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Latitude 36.91525 \_ Longitude -107.7637

## NATURE OF RELEASE

Type of Release Produced Fluids	Volume of Release	Volume Recovered 0/0
Source of Release Below Grade Tank	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? Vanessa Fields NMOCD, Katherina Diemer BLM	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.* N/A		
Describe Cause of Problem and Remedial Action Taken.* Below Grade tank Activities		
Describe Area Affected and Cleanup Action Taken.* BGT Area was tested and historical impacted soil was found but are below threshold limits. Please see attached Report.		
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>B. Spearman</i>	OIL CONSERVATION DIVISION	
Printed Name: Bobby Spearman	Approved by Environmental Specialist: <i>[Signature]</i>	
Title: Field Environmental Specialist	Approval Date: 5/4/16	Expiration Date:
E-mail Address: Robert.E.Spearman@conocophillips.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 5-2-2016	Phone: (505) 320-3045	

\* Attach Additional Sheets If Necessary

#NCS 161 2530398

8



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)

April 29, 2016

Emilee Skyles

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

RE: COPC SJ 32-9 Unit 35

OrderNo.: 1604A52

Dear Emilee Skyles:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/23/2016 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](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,

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order 1604A52

Date Reported: 4/29/2016

**CLIENT:** Animas Environmental

**Client Sample ID:** BGT S-1

**Project:** COPC SJ 32-9 Unit 35

**Collection Date:** 4/21/2016 3:15:00 PM

**Lab ID:** 1604A52-001

**Matrix:** SOIL

**Received Date:** 4/23/2016 8:45:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 418.1: TPH</b>							Analyst: <b>TOM</b>
Petroleum Hydrocarbons, TR	740	20		mg/Kg	1	4/27/2016	24991
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LGT</b>
Chloride	ND	30		mg/Kg	20	4/27/2016 3:51:25 PM	25044
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	4/26/2016 3:19:56 PM	24982
Toluene	ND	0.050		mg/Kg	1	4/26/2016 3:19:56 PM	24982
Ethylbenzene	ND	0.050		mg/Kg	1	4/26/2016 3:19:56 PM	24982
Xylenes, Total	ND	0.10		mg/Kg	1	4/26/2016 3:19:56 PM	24982
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	4/26/2016 3:19:56 PM	24982

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
	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#: 1604A52

29-Apr-16

Client: Animas Environmental

Project: COPC SJ 32-9 Unit 35

Sample ID	MB-25044	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	25044	RunNo:	33845					
Prep Date:	4/27/2016	Analysis Date:	4/27/2016	SeqNo:	1042570	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Chloride	ND	1.5								
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Sample ID	LCS-25044	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	25044	RunNo:	33845					
Prep Date:	4/27/2016	Analysis Date:	4/27/2016	SeqNo:	1042571	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Chloride	14	1.5	15.00	0	94.9	90	110			
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### 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#: 1604A52

29-Apr-16

Client: Animas Environmental

Project: COPC SJ 32-9 Unit 35

Sample ID	MB-24991	SampType:	MBLK	TestCode:	EPA Method 418.1: TPH					
Client ID:	PBS	Batch ID:	24991	RunNo:	33828					
Prep Date:	4/26/2016	Analysis Date:	4/27/2016	SeqNo:	1042049	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-24991	SampType:	LCS	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS	Batch ID:	24991	RunNo:	33828					
Prep Date:	4/26/2016	Analysis Date:	4/27/2016	SeqNo:	1042050	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			

Sample ID	LCSD-24991	SampType:	LCSD	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS02	Batch ID:	24991	RunNo:	33828					
Prep Date:	4/26/2016	Analysis Date:	4/27/2016	SeqNo:	1042051	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	0	20	

## 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#: 1604A52

29-Apr-16

Client: Animas Environmental

Project: COPC SJ 32-9 Unit 35

Sample ID	<b>MB-24982</b>		SampType:	<b>MBLK</b>		TestCode:	<b>EPA Method 8021B: Volatiles</b>			
Client ID:	<b>PBS</b>		Batch ID:	<b>24982</b>		RunNo:	<b>33788</b>			
Prep Date:	<b>4/25/2016</b>		Analysis Date:	<b>4/26/2016</b>		SeqNo:	<b>1041239</b>		Units: <b>mg/Kg</b>	
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		101	80	120			

Sample ID	<b>LCS-24982</b>		SampType:	<b>LCS</b>		TestCode:	<b>EPA Method 8021B: Volatiles</b>			
Client ID:	<b>LCSS</b>		Batch ID:	<b>24982</b>		RunNo:	<b>33788</b>			
Prep Date:	<b>4/25/2016</b>		Analysis Date:	<b>4/26/2016</b>		SeqNo:	<b>1041240</b>		Units: <b>mg/Kg</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	96.7	75.3	123			
Toluene	0.91	0.050	1.000	0	91.2	80	124			
Ethylbenzene	0.88	0.050	1.000	0	88.3	82.8	121			
Xylenes, Total	2.6	0.10	3.000	0	87.8	83.9	122			
Surr: 4-Bromofluorobenzene	1.0		1.000		105	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: 1604A52

RcptNo: 1

Received by/date:

*AG*

04/23/16

Logged By: Ashley Gallegos

4/23/2016 8:45:00 AM

Completed By: Ashley Gallegos

4/23/2016 12:36:19 PM

Reviewed By:

*IO*

04/25/16

### 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  $>0^{\circ}\text{C}$  to  $6.0^{\circ}\text{C}$ ? 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 $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			



<b>Chain-of-Custody Record</b>		Turn-Around Time:	
Client: Animas Environmental Services, LLC		<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> Rush _____
Mailing Address: 604 W Pinon St. Farmington, NM 87401		Project Name: COPC SJ 32-9 UNIT 35	
Phone #: 505-564-2281		Project #:	
Email or Fax#: <u>eskyles@animasenvironmental.com</u>		Project Manager:	
QA/QC Package: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)		E. Skyles	
Accreditation: <input type="checkbox"/> NELAP <input type="checkbox"/> Other _____		Sampler: JS/SG	
<input type="checkbox"/> EDD (Type) _____		Signature: _____	

☒ Standard      ☐ Rush

Project Name: COPC SJ 32-9 UNIT 35

Project #:

**Project Manager:**  
**E. Skyles**

**Sampler: JS/SG**

**Accreditation:**

☐ NELAP                      ☐ Other☐ EDD (Type)[illegible]

Date:	Time:	Relinquished by:	Received by:	Date	Time
6/22/14	1331	<i>[Signature]</i>	<i>[Signature]</i>	6/22/14	1331
Date:	Time:	Relinquished by:	Received by:	Date	Time
6/22/14	1840	<i>[Signature]</i>	<i>[Signature]</i>	6/23/14	0840

Black	White	Black
White	Black	White
Black	White	Black

## HALL ENVIRONMENTAL ANALYSIS LABORATORY

[www.hallenvironmental.com](http://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: Neuenschwander  
USERID: BRADLRY  
Area: 3  
Ordered by: Bobby Spearman