

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

Form C-141  
Revised August 8, 2011

JUN 21 2017

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) 258-1607</b>
Facility Name: <b>San Juan 28-5 Unit 82M</b>	Facility Type: <b>Gas Well</b>

Surface Owner <b>Federal – BLM</b>	Mineral Owner <b>Federal – SF-079519A</b>	API No. <b>3003926867</b>
------------------------------------	---	---------------------------

LOCATION OF RELEASE

Unit Letter <b>F</b>	Section <b>22</b>	Township <b>28N</b>	Range <b>05W</b>	Feet from the <b>1925'</b>	North/South Line <b>FNL</b>	Feet from the <b>1975'</b>	East/West Line <b>FWL</b>	County <b>Rio Arriba</b>
-------------------------	----------------------	------------------------	---------------------	-------------------------------	--------------------------------	-------------------------------	------------------------------	-----------------------------

Latitude 36.648381 Longitude -107.349064

NATURE OF RELEASE

Type of Release <b>Produced Water</b>	Volume of Release <b>52 bbl</b>	Volume Recovered <b>0 bbl</b>
Source of Release <b>Pit tank – Corrosion</b>	Date and Hour of Occurrence <b>Unknown</b>	Date and Hour of Discovery <b>3-15-17 at 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>OCD (VanessaFields) &amp; BLM (Whitney Thomas)</b>	
By Whom? <b>Lisa Hunter</b>	Date and Hour <b>3-21-17 @ 4:00 pm &amp; 4:20 pm</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.\*

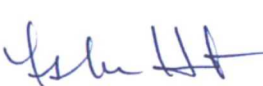
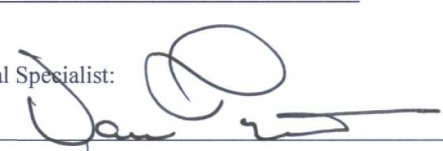
**During well inspection, production discovered that pit tank was empty with no recoverable produced water in cribbing. Discovered pit tank leaked due to corrosion. Shut-off water dump line.**

Describe Area Affected and Cleanup Action Taken.\*

**ConocoPhillips will assess the soil to determine a path forward for clean-up if necessary.**

**On 05/17/17, COPC collected a 5-point composite sample at 6-8 inches below surface and submitted sample to Hall Laboratory. Lab results are below NMOCD Action Levels, no further remediation required. Analysis report is attached for 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: 		OIL CONSERVATION DIVISION	
Printed Name: <b>Lisa Hunter</b>		Approved by Environmental Specialist: 	
Title: <b>Field Environmental Specialist</b>		Approval Date: <b>8/10/2017</b> Expiration Date:	
E-mail Address: <b>Lisa.Hunter@cop.com</b>		Conditions of Approval:	
Date: <b>June 16, 2017</b> Phone: <b>(505) 258-1607</b>		Attached <input type="checkbox"/>	

\* Attach Additional Sheets If Necessary

NMF 1708735245

9



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)

May 24, 2017

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

RE: San Juan 28-5 #82M

OrderNo.: 1705A36

Dear Lisa Hunter:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/19/2017 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.

## Analytical Report

Lab Order 1705A36

Date Reported: 5/24/2017

**CLIENT:** Conoco Phillips

**Client Sample ID:** SJ28-5-82M

**Project:** San Juan 28-5 #82M

**Collection Date:** 5/17/2017 1:30:00 PM

**Lab ID:** 1705A36-001

**Matrix:** SOIL

**Received Date:** 5/19/2017 7:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LGT</b>
Chloride	ND	30		mg/Kg	20	5/23/2017 6:56:41 PM	31923
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	11	10		mg/Kg	1	5/23/2017 7:46:10 PM	31879
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/23/2017 7:46:10 PM	31879
Surr: DNOP	96.5	70-130		%Rec	1	5/23/2017 7:46:10 PM	31879
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/22/2017 2:23:20 PM	31844
Surr: BFB	95.2	54-150		%Rec	1	5/22/2017 2:23:20 PM	31844
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	5/22/2017 2:23:20 PM	31844
Toluene	ND	0.049		mg/Kg	1	5/22/2017 2:23:20 PM	31844
Ethylbenzene	ND	0.049		mg/Kg	1	5/22/2017 2:23:20 PM	31844
Xylenes, Total	ND	0.099		mg/Kg	1	5/22/2017 2:23:20 PM	31844
Surr: 4-Bromofluorobenzene	113	66.6-132		%Rec	1	5/22/2017 2:23:20 PM	31844

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#: 1705A36

24-May-17

Client: Conoco Phillips  
Project: San Juan 28-5 #82M

Sample ID	MB-31923	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	31923	RunNo:	42994					
Prep Date:	5/23/2017	Analysis Date:	5/23/2017	SeqNo:	1353951	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-31923	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	31923	RunNo:	42994					
Prep Date:	5/23/2017	Analysis Date:	5/23/2017	SeqNo:	1353952	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.0	90	110			

## 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#: 1705A36

24-May-17

Client: Conoco Phillips  
Project: San Juan 28-5 #82M

Sample ID	LCS-31879		SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS		Batch ID: 31879		RunNo: 42983					
Prep Date:	5/22/2017		Analysis Date: 5/23/2017		SeqNo: 1352953		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	88.2	73.2	114			
Surr: DNOP	4.7		5.000		94.9	70	130			

Sample ID	MB-31879	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID: 31879			RunNo: 42983					
Prep Date:	5/22/2017	Analysis Date: 5/23/2017			SeqNo: 1352954		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		100	70	130			

Sample ID	LCS-31889		SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS		Batch ID: 31889		RunNo: 42983					
Prep Date:	5/22/2017		Analysis Date: 5/23/2017		SeqNo: 1353523		Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.6		5.000		91.3	70	130			

Sample ID	MB-31889		SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS		Batch ID: 31889		RunNo: 42983					
Prep Date:	5/22/2017		Analysis Date: 5/23/2017		SeqNo: 1353524		Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.6		10.00		96.3	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#: 1705A36

24-May-17

Client: Conoco Phillips  
Project: San Juan 28-5 #82M

Sample ID	MB-31844	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	31844	RunNo:	42956					
Prep Date:	5/19/2017	Analysis Date:	5/22/2017	SeqNo:	1352236	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	970		1000		97.4	54	150			

Sample ID	LCS-31844	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	31844	RunNo:	42956					
Prep Date:	5/19/2017	Analysis Date:	5/22/2017	SeqNo:	1352237	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	94.1	76.4	125			
Surr: BFB	1000		1000		103	54	150			

## 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#: 1705A36

24-May-17

Client: Conoco Phillips  
Project: San Juan 28-5 #82M

Sample ID	MB-31844	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	31844	RunNo:	42956					
Prep Date:	5/19/2017	Analysis Date:	5/22/2017	SeqNo:	1352252	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	1.2		1.000		115	66.6	132			

Sample ID	LCS-31844	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	31844	RunNo:	42956					
Prep Date:	5/19/2017	Analysis Date:	5/22/2017	SeqNo:	1352253	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	1.000	0	97.6	80	120			
Toluene	1.0	0.050	1.000	0	101	80	120			
Ethylbenzene	1.0	0.050	1.000	0	101	80	120			
Xylenes, Total	3.1	0.10	3.000	0	103	80	120			
Surr: 4-Bromofluorobenzene	1.2		1.000		116	66.6	132			

### 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: Conoco Phillips Farm HW

Work Order Number: 1705A36

RcptNo: 1

Received By: Anne Thorne

5/19/2017 7:15:00 AM

*Anne Thorne*

Completed By: Anne Thorne

5/19/2017 7:46:27 AM

*Anne Thorne*

Reviewed By: ENM

05/19/17

### 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:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> 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			

Client: Conce Phillips

Rush 3day

San Juan 285 #82M

Dif-Tank

Project Manager:

Lisa Hunter

☐ NELAP

☐ Other

Sample Temperature:

1.5

10

Sample Request ID

Preservative Type

HEAL NO.

1/402 02/4

120

X BTEX + MTBE + ~~TMB's~~ (8021)

BTEX + MTBE + TPH (Gas only)

✓ TPH 8015B (GRO / DRO / MRO)

TPH (Method 418.1)

EDB (Method 504.1)

PAH's (8310 or 8270 SIMS)

RCRA 8 Metals

Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )
--

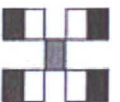
8081 Pesticides / 8082 PCB's

8260B (VOA)

8270 (Semi-VOA)

X	Chorilex
---	----------

Air Bubbles (Y or N)



**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

## Analysis Request

[illegible]

Remarks:

Date: 5/18/11

Time: 145

Relinquished by  
John

Received by: *Shore*

alphabet

Date	Time
8/17	14

Remarks: 100

W00#: 22162833

Appraver: MksPENC