

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

AUG 25 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	ConocoPhillips Company	Contact	Bobby Spearman
Address	3401 East 30 <sup>th</sup> St, Farmington, NM	Telephone No.	(505) 324-6131
Facility Name	Chacon Federal 6	Facility Type	Gas Well
Surface Owner	BLM	Mineral Owner	Fed
		API No.	3003921810

LOCATION OF RELEASE

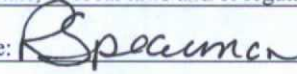
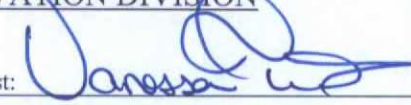
Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	20	24N	3W	790	North	790	West	Rio Arriba

Latitude 36.301069 Longitude -107.185797

NATURE OF RELEASE

Type of Release	Hydrocarbon	Volume of Release	Unknown	Volume Recovered	None
Source of Release	BGT	Date and Hour of Occurrence	3-24-16	Date and Hour of Discovery	3-24-16
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 checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			
If a Watercourse was Impacted, Describe Fully.*					
Describe Cause of Problem and Remedial Action Taken.* BGT closure activities					
Describe Area Affected and Cleanup Action Taken.* Samples were collected 3-24-16 and analytical results are below applicable NMOCD action levels. No further work will be performed. The final 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: Robert E. Spearman	Approved by Environmental Specialist: 		
Title: Field Environmental Specialist	Approval Date: 8/31/2016	Expiration Date:	
E-mail Address: robert.e.spearman@cop.com	Conditions of Approval:	Attached <input type="checkbox"/>	
Date: 8-22-16 Phone: (505) 324-6131	N/F 1624439411		

\* 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](http://www.hallenvironmental.com)

April 04, 2016

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

**OIL CONS. DIV DIST. 3**

**AUG 25 2016**

RE: COPC CHACON FEDERAL 6

OrderNo.: 1603C72

Dear Emilee Skyles:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/25/2016 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](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.

**CLIENT:** Animas Environmental  
**Project:** COPC CHACON FEDERAL 6  
**Lab ID:** 1603C72-001

**Matrix:** SOIL

**Client Sample ID:** S-1  
**Collection Date:** 3/24/2016 1:15:00 PM  
**Received Date:** 3/25/2016 7:45:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 418.1: TPH</b>							Analyst: <b>TOM</b>
Petroleum Hydrocarbons, TR	ND	19		mg/Kg	1	3/30/2016 12:00:00 PM	24480
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LGT</b>
Chloride	290	30		mg/Kg	20	3/30/2016 3:14:44 PM	24520
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.023		mg/Kg	1	3/30/2016 1:30:16 PM	24489
Toluene	ND	0.047		mg/Kg	1	3/30/2016 1:30:16 PM	24489
Ethylbenzene	ND	0.047		mg/Kg	1	3/30/2016 1:30:16 PM	24489
Xylenes, Total	ND	0.094		mg/Kg	1	3/30/2016 1:30:16 PM	24489
Surr: 4-Bromofluorobenzene	108	80-120		%Rec	1	3/30/2016 1:30:16 PM	24489

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#: 1603C72

04-Apr-16

Client: Animas Environmental  
Project: COPC CHACON FEDERAL 6

Sample ID	MB-24520	SampType	MBLK	TestCode	EPA Method 300.0: Anions					
Client ID	PBS	Batch ID	24520	RunNo	33205					
Prep Date	3/30/2016	Analysis Date	3/30/2016	SeqNo	1019736	Units	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-24520	SampType	LCS	TestCode	EPA Method 300.0: Anions					
Client ID	LCSS	Batch ID	24520	RunNo	33205					
Prep Date	3/30/2016	Analysis Date	3/30/2016	SeqNo	1019737	Units	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.0	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#: 1603C72

04-Apr-16

Client: Animas Environmental  
Project: COPC CHACON FEDERAL 6

Sample ID	MB-24480	SampType:	MBLK	TestCode:	EPA Method 418.1: TPH					
Client ID:	PBS	Batch ID:	24480	RunNo:	33169					
Prep Date:	3/29/2016	Analysis Date:	3/30/2016	SeqNo:	1018671	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-24480	SampType:	LCS	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS	Batch ID:	24480	RunNo:	33169					
Prep Date:	3/29/2016	Analysis Date:	3/30/2016	SeqNo:	1018672	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	100	20	100.0	0	104	83.4	127			

Sample ID	LCSD-24480	SampType:	LCSD	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS02	Batch ID:	24480	RunNo:	33169					
Prep Date:	3/29/2016	Analysis Date:	3/30/2016	SeqNo:	1018673	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	100	20	100.0	0	101	83.4	127	2.72	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#: 1603C72

04-Apr-16

Client: Animas Environmental  
Project: COPC CHACON FEDERAL 6

Sample ID	MB-24489		SampType:	MBLK		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	PBS		Batch ID:	24489		RunNo:	33165			
Prep Date:	3/29/2016		Analysis Date:	3/30/2016		SeqNo:	1019162		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		112	80	120			

Sample ID	LCS-24489		SampType:	LCS		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	LCSS		Batch ID:	24489		RunNo:	33165			
Prep Date:	3/29/2016		Analysis Date:	3/30/2016		SeqNo:	1019163		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	91.5	75.3	123			
Toluene	0.95	0.050	1.000	0	94.6	80	124			
Ethylbenzene	0.98	0.050	1.000	0	98.2	82.8	121			
Xylenes, Total	2.9	0.10	3.000	0	97.2	83.9	122			
Surr: 4-Bromofluorobenzene	1.2		1.000		118	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: 1603C72

RcptNo: 1

Received by/date:

Logged By: Lindsay Mangin

3/25/2016 7:45:00 AM

Completed By: Lindsay Mangin

3/25/2016 8:36:53 AM

Reviewed By:

### 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 ☒

# of preserved  
bottles checked  
for pH:

(<2 or >12 unless noted)

12. Does paperwork match bottle labels?

Yes ☒

No ☐

(Note discrepancies on chain of custody)

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?

Yes ☒

No ☐

Checked by:

(If no, notify customer for authorization.)

### 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	1.3	Good	Yes			



TURN-AROUND TIME.

☒ Standard      ☐ Rush

Project Name: COPC CHACON FEDERAL 6

Project #:

**Project Manager:**

E. Skyles

☒ Standard ☐ Level 4 (Full Validation)

Sampler: S. Glasses/J. Sandoval

☐ NELAP      ☐ Other

On Ice ☒ Yes ☐ No

☐ EDD (Type)

Sample Temperature: 3

[illegible]

Date:	Time:	Relinquished by:	Received by:	Date	Time
3/24/14	1740	<i>Antony Slychth Wale</i>		3/24/14	1740
Date:	Time:	Relinquished by:	Received by:	Date	Time
3/24/14	1837	<i>Christ Wale</i>	<i>[Signature]</i>	3/25/14	0745

Remarks: Bill to Conoco Phillips  
WO # 21340555  
Supervisor: Nelson  
USERID: MCINNSK  
Area: 9  
Ordered by: Bobby Spearman



## 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