

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
DEC 08 2015
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 Lisa Hunter	
Address 3401 East 30th St, Farmington, NM	Telephone No. (505) 258-1607	
Facility Name: Newsom 18E	Facility Type: Gas Well (P&A)	
Surface Owner Federal	Mineral Owner Federal (SF-078433)	API No. 3004530687

LOCATION OF RELEASE

Unit Letter F	Section 20	Township 26N	Range 08W	Feet from the 1800	North/South Line North	Feet from the 1450	East/West Line West	County San Juan
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Latitude **36.475849** Longitude **-107.709257**

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release Unknown	Volume Recovered None
Source of Release Below Grade Tank (BGT) Closure Resampling	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 11/03/15
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	

If a Watercourse was Impacted, Describe Fully.*
N/A

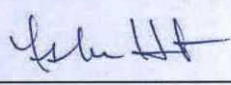
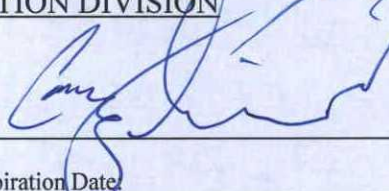
Describe Cause of Problem and Remedial Action Taken.*

Below-Grade Tank Closure activities with samples taken resulting in constituents exceeded standards outlined by 19.15.17.13 NMAC.

Describe Area Affected and Cleanup Action Taken.*

NMOCD action levels for releases are specified in NMOCD's Guidelines for Leaks, Spills and Releases and the release was assigned a ranking score of 0. Samples were collected and analytical results for methods 418.1, 8015 & 8021 are below applicable NMOCD action levels. Although Chloride levels were above Regulatory Standards at 440 mg/Kg, the chloride contaminants are below surface and COPC believes they will not pose an environmental threat, and that no further work will be required. The final lab report is attached for review. Samples were collected by third-party environmental using a geo-probe in the center of former BGT area to the extent of 8 feet.

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: Lisa Hunter		Approved by Environmental Specialist: 	
Title: Field Environmental Specialist		Approval Date: 12/30/15	Expiration Date: 12/30/15
E-mail Address: Lisa.Hunter@cop.com		Conditions of Approval:	
Date: December 4, 2015 Phone: (505) 258-1607		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

#NCS 31536449662



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

November 11, 2015

Emilee Skyles

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

RE: CoPC Newsom 18E

OrderNo.: 1511110

Dear Emilee Skyles:

Hall Environmental Analysis Laboratory received 1 sample(s) on 11/4/2015 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 1511110

Date Reported: 11/11/2015

CLIENT: Animas Environmental

Client Sample ID: BGT S-1

Project: CoPC Newsom 18E

Collection Date: 11/3/2015 11:22:00 AM

Lab ID: 1511110-001

Matrix: SOIL

Received Date: 11/4/2015 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 418.1: TPH							Analyst: TOM
Petroleum Hydrocarbons, TR	ND	19		mg/Kg	1	11/5/2015 12:00:00 PM	22177
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	440	30		mg/Kg	20	11/9/2015 1:08:41 PM	22248
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	11/6/2015 4:37:34 PM	22193
Surr: DNOP	91.5	70-130		%REC	1	11/6/2015 4:37:34 PM	22193
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/6/2015 12:44:25 AM	22178
Surr: BFB	85.0	75.4-113		%REC	1	11/6/2015 12:44:25 AM	22178
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	11/6/2015 12:44:25 AM	22178
Toluene	ND	0.048		mg/Kg	1	11/6/2015 12:44:25 AM	22178
Ethylbenzene	ND	0.048		mg/Kg	1	11/6/2015 12:44:25 AM	22178
Xylenes, Total	ND	0.095		mg/Kg	1	11/6/2015 12:44:25 AM	22178
Surr: 4-Bromofluorobenzene	106	80-120		%REC	1	11/6/2015 12:44:25 AM	22178

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		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1511110

11-Nov-15

Client: Animas Environmental

Project: CoPC Newsom 18E

Sample ID	MB-22248	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	22248	RunNo:	30129					
Prep Date:	11/9/2015	Analysis Date:	11/9/2015	SeqNo:	917812	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-22248	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	22248	RunNo:	30129					
Prep Date:	11/9/2015	Analysis Date:	11/9/2015	SeqNo:	917821	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.7	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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1511110

11-Nov-15

Client: Animas Environmental

Project: CoPC Newsom 18E

Sample ID	MB-22177	SampType:	MBLK	TestCode:	EPA Method 418.1: TPH					
Client ID:	PBS	Batch ID:	22177	RunNo:	30033					
Prep Date:	11/4/2015	Analysis Date:	11/5/2015	SeqNo:	914957	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-22177	SampType:	LCS	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS	Batch ID:	22177	RunNo:	30033					
Prep Date:	11/4/2015	Analysis Date:	11/5/2015	SeqNo:	914958	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	114	83.6	116			

Sample ID	LCSD-22177	SampType:	LCSD	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS02	Batch ID:	22177	RunNo:	30033					
Prep Date:	11/4/2015	Analysis Date:	11/5/2015	SeqNo:	914959	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	112	83.6	116	1.27	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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1511110

11-Nov-15

Client: Animas Environmental

Project: CoPC Newsom 18E

Sample ID	MB-22193	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	22193	RunNo:	30056					
Prep Date:	11/5/2015	Analysis Date:	11/6/2015	SeqNo:	915927	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	11		10.00		107	70	130			

Sample ID	LCS-22193	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	22193	RunNo:	30056					
Prep Date:	11/5/2015	Analysis Date:	11/6/2015	SeqNo:	915928	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	55	10	50.00	0	109	57.4	139			
Surr: DNOP	4.8		5.000		95.6	70	130			

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1511110

11-Nov-15

Client: Animas Environmental

Project: CoPC Newsom 18E

Sample ID	MB-22178	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	22178	RunNo:	30022					
Prep Date:	11/4/2015	Analysis Date:	11/5/2015	SeqNo:	915129	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	850		1000		84.9	75.4	113			

Sample ID	LCS-22178	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	22178	RunNo:	30022					
Prep Date:	11/4/2015	Analysis Date:	11/5/2015	SeqNo:	915130	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	98.3	79.6	122			
Surr: BFB	930		1000		92.7	75.4	113			

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1511110

11-Nov-15

Client: Animas Environmental

Project: CoPC Newsom 18E

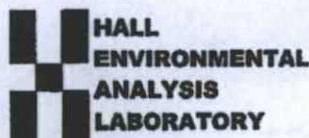
Sample ID	MB-22178	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles						
Client ID:	PBS	Batch ID: 22178		RunNo: 30022						
Prep Date:	11/4/2015	Analysis Date: 11/5/2015		SeqNo: 915186		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		107	80	120			

Sample ID	LCS-22178		SampType: LCS		TestCode: EPA Method 8021B: Volatiles					
Client ID:	LCSS		Batch ID: 22178		RunNo: 30022					
Prep Date:	11/4/2015		Analysis Date: 11/5/2015		SeqNo: 915187		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.050	1.000	0	100	80	120			
Toluene	0.98	0.050	1.000	0	97.7	80	120			
Ethylbenzene	1.0	0.050	1.000	0	101	80	120			
Xylenes, Total	3.0	0.10	3.000	0	101	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		113	80	120			

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



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: 1511110

RcptNo: 1

Received by/date:

[Signature]

11/04/15

Logged By: Lindsay Mangin

11/4/2015 8:00:00 AM

[Signature]

Completed By: Lindsay Mangin

11/4/2015 8:57:20 AM

[Signature]

Reviewed By:

[Signature]

11/04/15

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 ☒

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 ☐

(If no, notify customer for authorization.)

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	1.7	Good	Yes			

Chain-of-Custody Record		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 Newsom 18E
Phone #:	505-564-2281	Project #:
Email or Fax#:	<u>eskyles@animasenvironmental.co</u> <u>m</u>	Project Manager: E. Skyles
QA/QC Package:	<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)	
Accreditation:	<input type="checkbox"/> NELAP <input type="checkbox"/> Other	Sampler: <u>Sam Glasses</u>
<input type="checkbox"/> EDD (Type)		On Ice: <u>Yes</u> <input type="checkbox"/> No
		Sample Temperature: <u>17</u>

☒ Standard ☐ Rush

Project Name:

COPC Newsom 18E

Project #:

Project Manager:


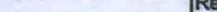


E. Skyles

Sampler: Sam Glasses

On Ice: ☒ Yes ☐ No

Sample Temperature: 11.5

[illegible]

Date:	Time:	Relinquished by:	Received by:	Date	Time
11/3/15	1734			11/3/15	1734
Date:	Time:	Relinquished by:	Received by:	Date	Time
11/3/15	1805			11/04/15	1800

Remarks: Bill to Conoco Phillips
WO #
Supervisor: Jim Peace
USERID: BENALE
Area: 21
Ordered by: Lindsay Dumas