

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

APR 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 Co.	Contact Bobby Spearman
Address 3401 East 30 th St, Farmington, NM	Telephone No.(505)-320-3045
Facility Name: San Juan 32-7 233A	Facility Type: Gas well

Surface Owner: Fed	Mineral Owner: Fed	API No. 30045330960000
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LOCATION OF RELEASE

Unit Letter D	Section 20	Township 32N	Range 7W	Feet from the 1200	North/South Line North	Feet from the 1200	East/West Line West	County San Juan
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Latitude 36.969141 Longitude -107.595346

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 84bbl	Volume Recovered 80bbl
Source of Release Water pipeline	Date and Hour of Occurrence 1-19-16 12:00P	Date and Hour of Discovery 1-19-16 12:00P
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Vanessa Fields	
By Whom? Robert Spearman	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.*

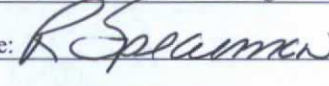
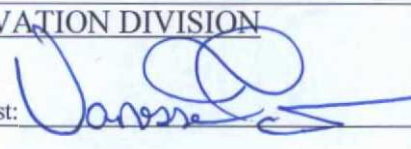
Describe Cause of Problem and Remedial Action Taken.*

Discharge piping on transfer pump came apart allowing water from gathering system to backflow. Operator shut in pipeline and dispatched a vacuum truck to collect water.

Describe Area Affected and Cleanup Action Taken.*

On 4/5/16 a 5 point composite confirmation sampling was collected throughout the berm area at a depth of 6" or greater. 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: 	OIL CONSERVATION DIVISION	
Printed Name: Bobby Spearman	Approved by Environmental Specialist: 	
Title: Field Environmental Specialist	Approval Date: 4/27/2016	Expiration Date:
E-mail Address: Robert.E.Spearman@conocophillips.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 4/21/16/2015	Phone: (505) 320-3045	

* Attach Additional Sheets If Necessary

NVF 1602130459

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

April 19, 2016

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

RE: San Juan 32-7 #233A

OrderNo.: 1604343

Dear Robert Spearman:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/8/2016 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,

A handwritten signature in black ink, appearing to read "Andy Freeman", with a stylized flourish at the end.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 1604343

Date Reported: 4/19/2016

CLIENT: Conoco Phillips**Project:** San Juan 32-7 #233A**Lab ID:** 1604343-001**Matrix:** SOIL**Client Sample ID:** 5pt Composite**Collection Date:** 4/5/2016 1:00:00 PM**Received Date:** 4/8/2016 7:00:00 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	4/12/2016	24714
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	89	30		mg/Kg	20	4/14/2016 8:20:20 PM	24814
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/12/2016 4:45:30 PM	24720
Surr: DNOP	84.5	70-130		%Rec	1	4/12/2016 4:45:30 PM	24720
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/11/2016 8:56:05 PM	24697
Surr: BFB	104	80-120		%Rec	1	4/11/2016 8:56:05 PM	24697
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	4/11/2016 8:56:05 PM	24697
Toluene	ND	0.047		mg/Kg	1	4/11/2016 8:56:05 PM	24697
Ethylbenzene	ND	0.047		mg/Kg	1	4/11/2016 8:56:05 PM	24697
Xylenes, Total	ND	0.093		mg/Kg	1	4/11/2016 8:56:05 PM	24697
Surr: 4-Bromofluorobenzene	107	80-120		%Rec	1	4/11/2016 8:56:05 PM	24697

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	Page 1 of 6
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#: 1604343

19-Apr-16

Client: Conoco Phillips

Project: San Juan 32-7 #233A

Sample ID	MB-24814	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	24814	RunNo:	33565					
Prep Date:	4/14/2016	Analysis Date:	4/14/2016	SeqNo:	1032961	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-24814	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	24814	RunNo:	33565					
Prep Date:	4/14/2016	Analysis Date:	4/14/2016	SeqNo:	1032962	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.3	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#: 1604343

19-Apr-16

Client: Conoco Phillips
Project: San Juan 32-7 #233A

Sample ID	MB-24714	SampType:	MBLK	TestCode:	EPA Method 418.1: TPH					
Client ID:	PBS	Batch ID:	24714	RunNo:	33462					
Prep Date:	4/11/2016	Analysis Date:	4/12/2016	SeqNo:	1029260	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-24714	SampType:	LCS	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS	Batch ID:	24714	RunNo:	33462					
Prep Date:	4/11/2016	Analysis Date:	4/12/2016	SeqNo:	1029261	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-24714	SampType:	LCSD	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS02	Batch ID:	24714	RunNo:	33462					
Prep Date:	4/11/2016	Analysis Date:	4/12/2016	SeqNo:	1029262	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	113	83.4	127	2.52	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#: 1604343

19-Apr-16

Client: Conoco Phillips
Project: San Juan 32-7 #233A

Sample ID	MB-24720	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	24720	RunNo:	33451					
Prep Date:	4/11/2016	Analysis Date:	4/12/2016	SeqNo:	1028787	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	8.7		10.00		86.7	70	130			

Sample ID	LCS-24720	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	24720	RunNo:	33451					
Prep Date:	4/11/2016	Analysis Date:	4/12/2016	SeqNo:	1028809	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	57	10	50.00	0	113	65.8	136			
Surr: DNOP	4.6		5.000		91.9	70	130			

Sample ID	LCS-24744	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	24744	RunNo:	33451					
Prep Date:	4/12/2016	Analysis Date:	4/13/2016	SeqNo:	1029871	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	3.9		5.000		77.5	70	130			

Sample ID	MB-24744	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	24744	RunNo:	33451					
Prep Date:	4/12/2016	Analysis Date:	4/13/2016	SeqNo:	1029873	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	7.9		10.00		78.6	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
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1604343

19-Apr-16

Client: Conoco Phillips

Project: San Juan 32-7 #233A

Sample ID	MB-24697	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	24697	RunNo:	33445					
Prep Date:	4/8/2016	Analysis Date:	4/11/2016	SeqNo:	1028431	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	1000		1000		104	80	120			

Sample ID	LCS-24697	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	24697	RunNo:	33445					
Prep Date:	4/8/2016	Analysis Date:	4/11/2016	SeqNo:	1028432	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	98.4	80	120			
Surr: BFB	1100		1000		111	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
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1604343

19-Apr-16

Client: Conoco Phillips

Project: San Juan 32-7 #233A

Sample ID	MB-24697	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	24697	RunNo:	33445					
Prep Date:	4/8/2016	Analysis Date:	4/11/2016	SeqNo:	1028486	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		109	80	120			

Sample ID	LCS-24697	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	24697	RunNo:	33445					
Prep Date:	4/8/2016	Analysis Date:	4/11/2016	SeqNo:	1028487	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	91.7	75.3	123			
Toluene	0.89	0.050	1.000	0	89.1	80	124			
Ethylbenzene	0.88	0.050	1.000	0	87.7	82.8	121			
Xylenes, Total	2.6	0.10	3.000	0	87.1	83.9	122			
Surr: 4-Bromofluorobenzene	1.1		1.000		114	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
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: 1604343

RcptNo: 1

Received by/date:

Logged By: Ashley Gallegos

4/8/2016 7:00:00 AM

Completed By: Ashley Gallegos

4/8/2016 10:48:18 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°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 ☐

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.)

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	1.6	Good	Yes			

Chain-of-Custody Record		Turn-Around Time:	
Client: <u>Conoco Phillips</u>		<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush _____	
Mailing Address: <u>P.O. Box 4289</u> <u>Farmington NM 87499</u>		Project Name: <u>SAN JUAN 32-7 #233A</u>	
Phone #: <u>505-324-6131</u>		Project #: _____	
Email or Fax#: <u>robert.e.spearmen@copcom</u>		Project Manager: <u>RSpearmen</u>	
QA/QC Package: <u>SJBUE-Team</u>		Sampler: <u>RSpearmen</u>	
<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)		On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Accreditation <input type="checkbox"/> NELAP <input type="checkbox"/> Other _____		Sample Temperature: <u>11</u>	
<input type="checkbox"/> EDD (Type) _____			

Sample Temperature: 11

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

X	BTEX + MTBE TMB 's (8021)
	BTEX + MTBE + TPH (Gas only)
X	TPH Method 8015B (Gas/Diesel)
X	TPH (Method 418.1)
	EDB (Method 504.1)
	8310 (PNA or PAH)
	RCRA 8 Metals
<i>du</i>	Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)
	8081 Pesticides / 8082 PCB's
	8260B (VOA)
	8270 (Semi-VOA)
X	Chlorides
	Air Bubbles (Y or N)

[illegible]

Date:	Time:	Relinquished by:	Received by:	Date	Time
6/14	1614	[Signature]	Christ Walt	4/6/16	1616
Date:	Time:	Relinquished by:	Received by:	Date	Time
6/16	1745	Christine Lee	[Signature]	6/17/16	0700

Remarks:
W/O 20531139

Approved Breed In

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.