



AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



App Number: pJK1431630173

3RP - 1020

CONOCOPHILLIPS COMPANY

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

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: Williams 29-6 #4 CDP	Facility Type: CDP

Surface Owner Private	Mineral Owner	API No.
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LOCATION OF RELEASE

Unit Letter P	Section 19	Township 29N	Range 06W	Feet from the	North/South Line	Feet from the	East/West Line	County Rio Arriba
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Latitude 36.704939 Longitude -107.497322

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 170bbl	Volume Recovered 80bbl
Source of Release Above Ground Produced Water Tank	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 08/23/2016 @ 10:30 a.m.
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Cory Smith, OCD	
By Whom? Lisa Hunter	Date and Hour 08/24/2016 @ 9:08 a.m.	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	

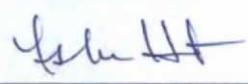
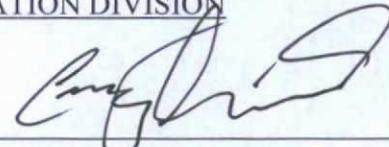
OIL CONS. DIV DIST. 3
SEP 14 2016

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

Describe Cause of Problem and Remedial Action Taken.*
Corrosion hole at bottom of tank caused the release of 170bbs of Produced Water in the earthen bermed secondary containment. Release was contained and did not leave location. Water truck was called immediately recovering 80 bbls from secondary containment, and removed remaining tank fluid.

Describe Area Affected and Cleanup Action Taken.*
On 08/24/2016, ConocoPhillips Environmental collected five-point composite (4 corners/ 1 center) soil sample from inside bermed containment, at a depth of approximately 8 inches. Sample was placed in a laboratory supplied 4oz glass jar and maintained on ice until delivery to Hall Environmental Laboratory. Sample analytical results are below applicable NMOCD action levels. The final report is attached for review. Approximately 12 c/yds of surface stained soil was removed and transported to IEI land farm. No further work will be performed.

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: 9/16/16	Expiration Date:
E-mail Address: Lisa.Hunter@cop.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: September 9, 2016	Phone: (505) 258-1607	

* Attach Additional Sheets If Necessary #WCS 16260 52050

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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

August 26, 2016

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

RE: Williams 29-6 #4 CDP

OrderNo.: 1608E29

Dear Lisa Hunter:

Hall Environmental Analysis Laboratory received 1 sample(s) on 8/25/2016 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 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", is written over a light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Conoco Phillips

Client Sample ID: Will 29-6 #4 CDP

Project: Williams 29-6 #4 CDP

Collection Date: 8/24/2016 12:50:00 PM

Lab ID: 1608E29-001

Matrix: MEOH (SOIL)

Received Date: 8/25/2016 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	30		mg/Kg	20	8/25/2016 11:25:29 AM	27168
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	80	9.8		mg/Kg	1	8/25/2016 10:50:31 AM	27162
Surr: DNOP	94.4	70-130		%Rec	1	8/25/2016 10:50:31 AM	27162
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	16		mg/Kg	5	8/25/2016 12:29:08 PM	G36759
Surr: BFB	89.6	68.3-144		%Rec	5	8/25/2016 12:29:08 PM	G36759
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.079		mg/Kg	5	8/25/2016 12:29:08 PM	B36759
Toluene	ND	0.16		mg/Kg	5	8/25/2016 12:29:08 PM	B36759
Ethylbenzene	ND	0.16		mg/Kg	5	8/25/2016 12:29:08 PM	B36759
Xylenes, Total	ND	0.31		mg/Kg	5	8/25/2016 12:29:08 PM	B36759
Surr: 4-Bromofluorobenzene	94.4	80-120		%Rec	5	8/25/2016 12:29:08 PM	B36759

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	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1608E29

26-Aug-16

Client: Conoco Phillips
Project: Williams 29-6 #4 CDP

Sample ID	MB-27168	SampType:	mblk	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	27168	RunNo:	36775					
Prep Date:	8/25/2016	Analysis Date:	8/25/2016	SeqNo:	1139951	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-27168	SampType:	ics	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	27168	RunNo:	36775					
Prep Date:	8/25/2016	Analysis Date:	8/25/2016	SeqNo:	1139952	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.5	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#: 1608E29

26-Aug-16

Client: Conoco Phillips
Project: Williams 29-6 #4 CDP

Sample ID	LCS-27162	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	27162	RunNo:	36745					
Prep Date:	8/25/2016	Analysis Date:	8/25/2016	SeqNo:	1138933	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.7	62.6	124			
Surr: DNOP	4.2		5.000		83.5	70	130			

Sample ID	MB-27162	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	27162	RunNo:	36745					
Prep Date:	8/25/2016	Analysis Date:	8/25/2016	SeqNo:	1138934	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	8.9		10.00		89.3	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#: 1608E29
 26-Aug-16

Client: Conoco Phillips
Project: Williams 29-6 #4 CDP

Sample ID	5ML RB	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	G36759	RunNo:	36759					
Prep Date:		Analysis Date:	8/25/2016	SeqNo:	1139606	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	890		1000		88.7	68.3	144			

Sample ID	2.5UG GRO LCS	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	G36759	RunNo:	36759					
Prep Date:		Analysis Date:	8/25/2016	SeqNo:	1139607	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	104	80	120			
Surr: BFB	960		1000		96.5	68.3	144			

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#: 1608E29
26-Aug-16

Client: Conoco Phillips
Project: Williams 29-6 #4 CDP

Sample ID: 5ML RB	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: B36759	RunNo: 36759								
Prep Date:	Analysis Date: 8/25/2016	SeqNo: 1139612			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	0.93		1.000		92.8	80	120			

Sample ID: 100NG BTEX LCS	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: B36759	RunNo: 36759								
Prep Date:	Analysis Date: 8/25/2016	SeqNo: 1139613			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	107	75.3	123			
Toluene	1.1	0.050	1.000	0	107	80	124			
Ethylbenzene	1.0	0.050	1.000	0	101	82.8	121			
Xylenes, Total	2.9	0.10	3.000	0	97.8	83.9	122			
Surr: 4-Bromofluorobenzene	1.1		1.000		108	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
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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

Sample Log-In Check List

Client Name: **Conoco Phillips Farm HW**

Work Order Number: **1608E29**

RcptNo: **1**

Received by/date:

[Signature]

08/25/16

Logged By: **Lindsay Mangin**

8/25/2016 8:00:00 AM

[Signature]

Completed By: **Lindsay Mangin**

8/25/2016 8:49:45 AM

[Signature]

Reviewed By:

Jc 08/25/16

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° 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
 - 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 °C	Condition	Seal Intact?	Seal No	Seal Date	Signed By
1	3.5	Good	Yes			

Chain-of-Custody Record

Turn-Around Time:

Standard Rush Same Day

Project Name:

Williams 29-6 #4 CDP

Project #:

Project Manager:

Lisa Hunter

Sampler: LH

On Ice: Yes No

Sample Temperature: 3.5

Client: ConocoPhillips

Mailing Address: PO Box 4289

Armington, NM 87499

Phone #: 505-258-1607

Email or Fax#: Lisa.Hunter@cop.com

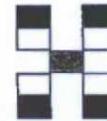
VQC Package:

Standard Level 4 (Full Validation)

Creditation:

NELAP Other _____

EDD (Type): _____



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No	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 ₃ , NO ₂ , PO ₄ , SO ₄)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Chlorides	Air Bubbles (Y or N)	
<u>8/16</u>	<u>18:50P</u>	<u>Soil</u>	<u>Will 29-6 #4 CDP</u>	<u>402/1</u>	<u>Cold</u>	<u>165829 -001</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											<input checked="" type="checkbox"/>	

Date:	Time:	Relinquished by:	Received by:	Date:	Time:
<u>8/16</u>	<u>15:31</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>8/24/16</u>	<u>15:31</u>
Date:	Time:	Relinquished by:	Received by:	Date:	Time:
<u>8/16</u>	<u>1710</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>8/24/16</u>	<u>1710</u>

Remarks: Change Code: A054015
Approver: KAITLW

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.

Will 29-6 #4 CDP