



**RECEIVED**

*By JKeyes at 8:02 am, Jan 27, 2016*

**APPROVED**

*By JKeyes at 8:02 am, Jan 27, 2016*

# CONOCOPHILLIPS

P.O. Box 2197  
Houston, TX 77252-2197  
Phone 281.293.1000

## Santa Fe #133

(1RP-3494)

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# Termination Request

API No. 30-025-32333

Release Date: January 4<sup>th</sup>, 2015

Unit Letter O, Section 31, Township 17S, Range 35E



PO Box 2948 | Hobbs, NM 88241 | Phone 575.393.2967

**January 27<sup>th</sup>, 2016**

**Jamie Keyes**

Environmental Specialist – New Mexico Oil Conservation Division  
Energy, Minerals and Natural Resources Department  
1625 N. French Dr.  
Hobbs, NM 88240

**RE: Termination Request  
ConocoPhillips Santa Fe #133 (1RP-3494)  
UL/O sec. 31 T17S R35E  
API No. 30-025-32333**

Mr. Keyes:

ConocoPhillips (CoP) has retained Basin Environmental Service Technologies (Basin) to address potential environmental concerns at the above-referenced site.

**Background and Previous Work**

The site is located approximately 8.3 miles southwest of Monument, New Mexico at UL/O sec. 31 T17S R35E. NM OSE, BLM and RECS installed monitor well records indicate that groundwater will likely be encountered at a depth of approximately 95 +/- feet.

On January 4<sup>th</sup>, 2015, CoP discovered that a water tank had overflowed, releasing 3 barrels of oil and 17 barrels of produced water over 3,994 sq ft of caliche pad. A total of 2 barrels of oil and 13 barrels of produced water were recovered. NMOCD was notified of the release on January 7<sup>th</sup>, 2015, and an initial C-141 was submitted to NMOCD for approval. NMOCD approved the C-141 on January 9<sup>th</sup>, 2015 (Appendix A).

Basin personnel were on site to visually assess the release on January 15<sup>th</sup>, 2015. The release was mapped and photographed. Based on the assessment, a Corrective Action Plan (CAP) was submitted to NMOCD on March 17<sup>th</sup>, 2015. NMOCD approved the CAP with the stipulation that more sampling be conducted. The CAP stated that release would be scraped down 6 inches bgs. Once the scrape was completed, a composite sample from the bottom of the scrape would be taken and field tested for chlorides and organic vapors. If the field data indicated that the composite would not achieve chloride, Gasoline Range Organics (GRO) and Diesel Range Organics (DRO) readings below regulatory standards, the scrape would be deepened until field testing indicated that all constituents from the bottom composite would return values below

regulatory standards. The bottom composite would then be taken to a commercial laboratory to confirm that chloride, GRO and DRO readings were below regulatory standards.

An addendum to the CAP was submitted on April 29<sup>th</sup>, 2015. The addendum stated that, based on the additional assessment requested by NMOCD (Appendix B), the area around Points 1, 2 and 4 would be scraped to 6 inches bgs, while Point 3 would be scraped to 1 ft bgs. The addendum and backfill of this site was approved by NMOCD on April 30<sup>th</sup>, 2015.

CAP activities began April 21<sup>st</sup>, 2015. Points 1, 2 and 4 scraped to 6 inches bgs and Point 3 was scraped to 1 ft bgs, as approved in the addendum to the CAP (Figure 1). A total of 125 yards of contaminated soil were exported and disposed of at a NMOCD approved facility. A total of 105 yards of base course and 25 yards of pea gravel were imported for backfill. A sample of the imported soil was taken and sent to a commercial laboratory for analysis. Laboratory analysis returned a chloride level of 32 mg/kg. The site was backfilled with the clean, imported soil and contoured to the surrounding location.

Photo documentation of the backfilled site can be found in Appendix C.

Given that CoP has completed the work stated in the NMOCD approved CAP and Addendum to the CAP, CoP respectfully requests 'remediation termination' and site closure. A final C-141 can be found in Appendix D.

Basin appreciates the opportunity to work with you on this project. Please call me if you have any questions or wish to discuss the site.

Sincerely,

A handwritten signature in dark ink, reading "Kyle Norman" followed by a long horizontal flourish.

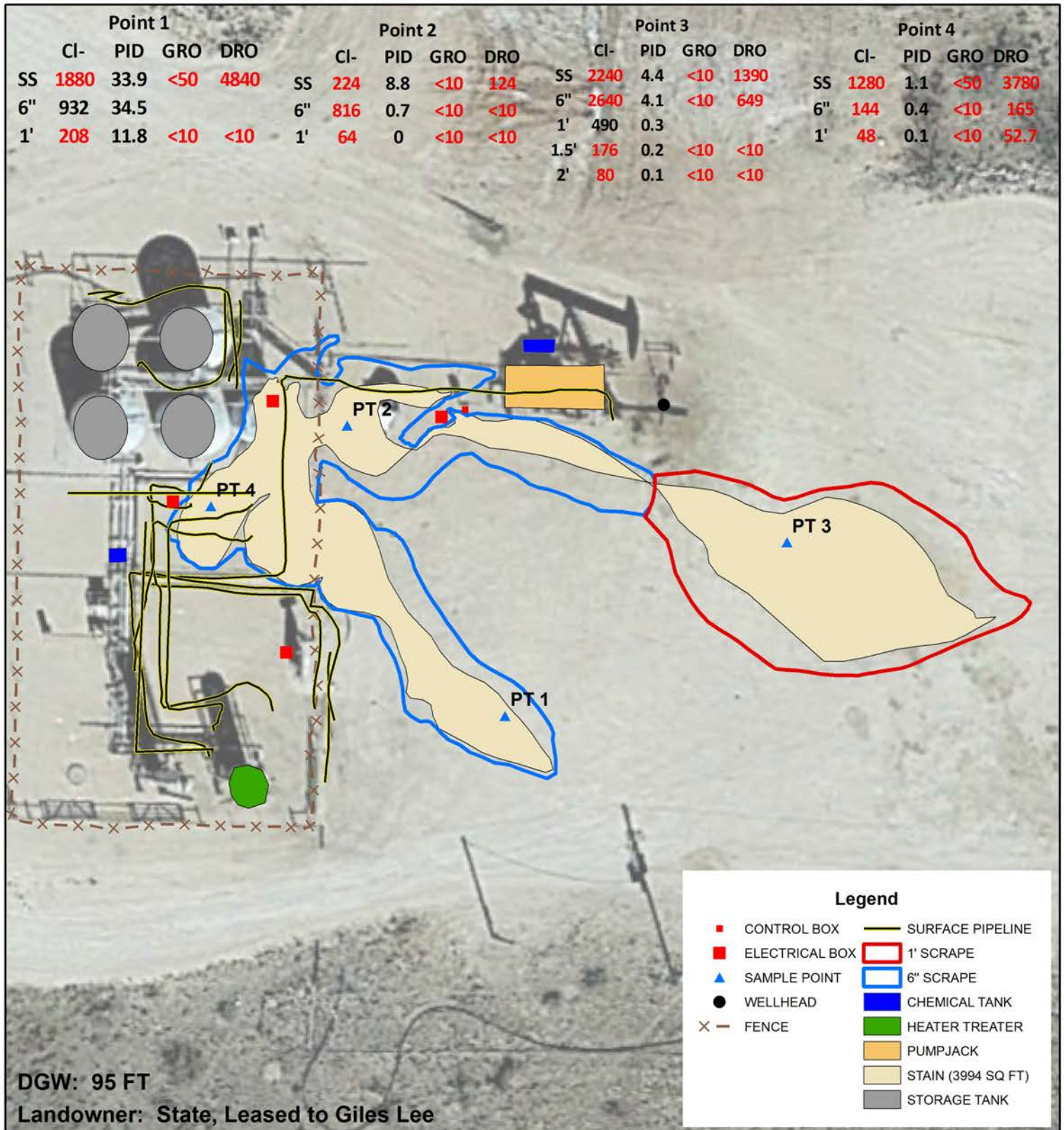
Kyle Norman  
Project Lead  
Basin Environmental Service Technologies  
(575) 942-8542

Attachments:

- Figure 1 – Excavation Map
- Appendix A – Initial C-141
- Appendix B – Laboratory Analyses
- Appendix C – Photo Documentation
- Appendix D – Final C-141

# Figures

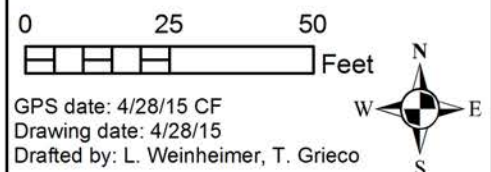
# Excavation



**ConocoPhillips  
Santa Fe #133**

(1RP-3494)  
Legals: UL/O sec. 31  
T-17-S R-35-E  
LEA COUNTY, NM

Figure 1



# Appendix A

Initial C-141



District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

~~HOBBS~~ **NMOC** State of New Mexico  
Energy Minerals and Natural Resources  
JAN 09 2015 Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505  
**RECEIVED**

Form C-141  
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

## Release Notification and Corrective Action

### OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: <b>ConocoPhillips</b>	Contact: <b>Jay Garcia</b>	
Address: <b>29 Vacuum Complex Lane</b>	Telephone No. <b>575-704-2455</b>	
Facility Name: <b>Santa Fe #133</b>	Facility Type: <b>Tank Batterys</b>	
Surface Owner: <b>NMOCD</b>	Mineral Owner: <b>NMOCD</b>	API No. <b>30-025-32333</b>

### LOCATION OF RELEASE

Unit Letter <b>O</b>	Section <b>31</b>	Township <b>17S</b>	Range <b>35E</b>	Feet from the <b>435</b>	North/South Line <b>South</b>	Feet from the <b>1930</b>	East/West Line <b>East</b>	County <b>LEA</b>
-------------------------	----------------------	------------------------	---------------------	-----------------------------	----------------------------------	------------------------------	-------------------------------	----------------------

Latitude **32.7854367361682** Longitude **103.494735819723**

### NATURE OF RELEASE

Type of Release: <b>Spill</b>	Volume of Release: <b>6.27 BBLS</b>	Volume Recovered: <b>0 BBLS</b>
Source of Release: <b>Tank overflow</b>	Date and Hour of Occurrence <b>01/04/2015 10:30 am</b>	Date and Hour of Discovery <b>01/04/2015 4:00 pm</b>
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? <b>Tomas Oberding</b>	
By Whom? <b>Jay Garcia</b>	Date and Hour: <b>01/07/2015 10:30 am</b>	
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.\*

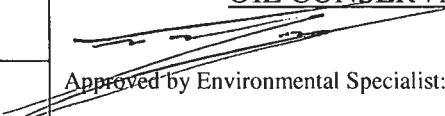
ENV – Agency Reportable – 3 BO & 17 BPW – Santa Fe #133– RR II – MCBU – Buckeye:  
On Sunday January 4<sup>th</sup>, 2015 @ 10:30 Hrs. MST, at Santa Fe #133, a water tank overflow was found during normal rounds resulting in a release of 3 bbls of oil and 17 bbls of produced water. 2 bbl. of oil and 13 bbl. of produced water were recovered. The affected area will be remediated according to NMOCD and COPC and BLM guidelines. This is not a PSE. Consequence: 1, Likelihood: 5, RR: II

Describe Area Affected and Cleanup Action Taken.\*

Release of 17 barrels produced water and 3 barrels of oil. Recovered 13 barrels of produce water and 2 barrels of oil. Affected area was 110 foot by 60 foot X 2 inch deep o caliche pad and was not contained. The affected area will be remediated according to NMOCD guidelines.

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.

### OIL CONSERVATION DIVISION

Signature: <i>Jay Garcia</i>		
Printed Name: <b>Jay Garcia</b>	Approved by Environmental Specialist:	
Title: <b>LEAD HSE</b>	Approval Date: <b>1-9-15</b>	Expiration Date: <b>3-9-15</b>
E-mail Address: <b>jay.c.garcia@conocophillips.com</b>	Conditions of Approval: <i>See Super report Releas 8 barrels over 2 pm NMOCD guides. Submit final C-141 by 2-9-15</i>	Attached <input type="checkbox"/> <b>IRP 3494</b>
Date: <b>01/07/2015</b>	Phone: <b>575-704-2455</b>	

**JAN 13 2015**

N70 15009 35732  
P70 15009 36051

# Appendix B

## Laboratory Analyses

**Basin Environmental Service Technologies**  
P.O. Box 2948 Hobbs, NM 88241  
Phone 575.393.2967





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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April 24, 2015

KYLE NORMAN

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: SANTA FE #133

Enclosed are the results of analyses for samples received by the laboratory on 04/23/15 8:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

 Basin Environmental Service  
 KYLE NORMAN  
 P.O. Box 301  
 Lovington NM, 88260  
 Fax To: (575) 396-1429

 Received: 04/23/2015  
 Reported: 04/24/2015  
 Project Name: SANTA FE #133  
 Project Number: NONE GIVEN  
 Project Location: COP

 Sampling Date: 04/22/2015  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: VERTICAL 3 @ 1.5' (H501047-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>176</b>	16.0	04/23/2015	ND	432	108	400	7.69	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/23/2015	ND	208	104	200	0.0576	
DRO >C10-C28	<10.0	10.0	04/23/2015	ND	222	111	200	1.11	
Surrogate: 1-Chlorooctane	96.4 %	47.2-157							
Surrogate: 1-Chlorooctadecane	90.4 %	52.1-176							

**Sample ID: VERTICAL 3 @ 2' (H501047-02)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>80.0</b>	16.0	04/23/2015	ND	432	108	400	7.69	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/23/2015	ND	208	104	200	0.0576	
DRO >C10-C28	<10.0	10.0	04/23/2015	ND	222	111	200	1.11	
Surrogate: 1-Chlorooctane	101 %	47.2-157							
Surrogate: 1-Chlorooctadecane	96.5 %	52.1-176							

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

Basin Environmental Service  
KYLE NORMAN  
P.O. Box 301  
Lovington NM, 88260  
Fax To: (575) 396-1429

Received: 04/23/2015  
Reported: 04/24/2015  
Project Name: SANTA FE #133  
Project Number: NONE GIVEN  
Project Location: COP

Sampling Date: 04/22/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: POINT 2 @ 6" (H501047-03)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	04/23/2015	ND	432	108	400	7.69	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/23/2015	ND	208	104	200	0.0576	
DRO >C10-C28	<10.0	10.0	04/23/2015	ND	222	111	200	1.11	
Surrogate: 1-Chlorooctane	97.6 %	47.2-157							
Surrogate: 1-Chlorooctadecane	96.1 %	52.1-176							

**Sample ID: POINT 2 @ 1' (H501047-04)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/23/2015	ND	432	108	400	7.69	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/23/2015	ND	208	104	200	0.0576	
DRO >C10-C28	<10.0	10.0	04/23/2015	ND	222	111	200	1.11	
Surrogate: 1-Chlorooctane	98.0 %	47.2-157							
Surrogate: 1-Chlorooctadecane	91.7 %	52.1-176							

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

Basin Environmental Service  
KYLE NORMAN  
P.O. Box 301  
Lovington NM, 88260  
Fax To: (575) 396-1429

Received: 04/23/2015  
Reported: 04/24/2015  
Project Name: SANTA FE #133  
Project Number: NONE GIVEN  
Project Location: COP

Sampling Date: 04/22/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: POINT 4 @ SURFACE (H501047-05)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	04/23/2015	ND	432	108	400	7.69	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	04/23/2015	ND	208	104	200	0.0576	
DRO >C10-C28	3780	50.0	04/23/2015	ND	222	111	200	1.11	
Surrogate: 1-Chlorooctane	106 %	47.2-157							
Surrogate: 1-Chlorooctadecane	153 %	52.1-176							

**Sample ID: POINT 4 @ 6" (H501047-06)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/23/2015	ND	432	108	400	7.69	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/23/2015	ND	208	104	200	0.0576	
DRO >C10-C28	165	10.0	04/23/2015	ND	222	111	200	1.11	
Surrogate: 1-Chlorooctane	99.4 %	47.2-157							
Surrogate: 1-Chlorooctadecane	94.9 %	52.1-176							

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 Basin Environmental Service  
 KYLE NORMAN  
 P.O. Box 301  
 Lovington NM, 88260  
 Fax To: (575) 396-1429

 Received: 04/23/2015  
 Reported: 04/24/2015  
 Project Name: SANTA FE #133  
 Project Number: NONE GIVEN  
 Project Location: COP

 Sampling Date: 04/22/2015  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: POINT 4 @ 1' (H501047-07)**

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	04/23/2015	ND	432	108	400	7.69		
TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/23/2015	ND	208	104	200	0.0576		
<b>DRO &gt;C10-C28</b>	<b>52.7</b>	10.0	04/23/2015	ND	222	111	200	1.11		
<hr/>										
Surrogate: 1-Chlorooctane	101 %	47.2-157								
Surrogate: 1-Chlorooctadecane	96.5 %	52.1-176								

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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\*=Accredited Analyte

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---

Celey D. Keene, Lab Director/Quality Manager

**CARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603  
 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

RUSH

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: Basin Environmental				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																				
Project Manager: Kyle Norman				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chlorides</div> <div>TPH 8015 M</div> <div>BTEX</div> <div>Texas TPH</div> <div>Complete Cations/Anions</div> <div>TDS</div> </div>																				
Address: 419 W Cain				Company: Basin																								
City: Hobbs State: NM Zip: 88240				Attn:																								
Phone #: 575-393-2967 Fax #: 575-393-0293				Address:																								
Project #: Project Owner:				City:																								
Project Name: Col				State: Zip:																								
Project Location: Santa Fe #133				Phone #:																								
Sampler Name: Chris Flores C				Fax #:																								
FOR LAB USE ONLY																												
Lab I.D.	Sample I.D.	(G/RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING																			
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME														
H1501047																												
1	Vertical 3 @ 1.5'	G	1			✓				✓	✓		9/22/2015	10:50 AM	X	X												
2	Vertical 3 @ 2'	G	1			✓				✓	✓			10:55 AM	X	X												
3	Point 2 @ 6"	G	1			✓				✓	✓			1:00 PM	X	✓												
4	Point 2 @ 1'	G	1			✓				✓	✓			1:05 PM	X	X												
5	Point 4 @ Surface	G	1			✓				✓	✓			1:40 PM	X	X												
6	Point 4 @ 6"	G	1			✓				✓	✓			1:45 PM	X	X												
7	Point 4 @ 1'	G	1			✓				✓	✓			1:50 PM	X	X												

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services provided by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 9/22/2015	Received By: Jodi Benson	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Time: 8:30	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)		Sample Condition	REMARKS:	
Sampler - UPS - Bus - Other:	-2.00	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	email results:	
		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	hconder@basinenv.com; knorman@basinenv.com;	
			jkamplain@basinenv.com; lflores@basinenv.com;	
			lweinheimer@basinenv.com; cursanic@basinenv.com	
			environmental tech: cflores @basinenv.com	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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May 27, 2015

KYLE NORMAN

BASIN ENVIRONMENTAL - HOBBS

419 W. CAIN

HOBBS, NM 88240

RE: SANTA FE #133 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/26/15 13:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

BASIN ENVIRONMENTAL - HOBBS  
KYLE NORMAN  
419 W. CAIN  
HOBBS NM, 88240  
Fax To: (575) 393-0293

Received:	05/26/2015	Sampling Date:	05/26/2015
Reported:	05/27/2015	Sampling Type:	Soil
Project Name:	SANTA FE #133 BATTERY	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CONOCOPHILLIPS		

**Sample ID: 5 PT. COMP IMPORT CALICHE (H501306-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/27/2015	ND	416	104	400	3.92	

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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Celey D. Keene, Lab Director/Quality Manager



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Relinquished By: <i>Kyle Schmidt</i>		Date: <i>5-26-15</i>	Received By: <i>Jodi Henson</i>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By:		Time: <i>1:45</i>	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)		Date:	CHECKED BY: <i>[Signature]</i>	REMARKS:	
Sampler - UPS - Bus - Other:		Time:		email results: hconder@basinenv.com; knorman@basinenv.com; jkamplain@basinenv; lflores@basinenv; lweinheimer@basinenv; cursanic@basinenv; sedwards@basinenv environmental tech: <i>KSchmidt</i> @basinenv	
22.82		Sample Condition			
		Cool Intact			
		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54

# Appendix C

Photo Documentation

**Basin Environmental Service Technologies**  
P.O. Box 2948 Hobbs, NM 88241  
Phone 575.393.2967



# ConocoPhillips Santa Fe #133

Unit Letter O, Section 31, T17S, R35E



Initial release area, facing southwest

1/15/15



Initial release area, facing northwest

1/15/15



Shoveling release, facing northwest

4/21/15



Scraping release, facing south

4/22/15





Exporting soil, facing northwest

4/22/15



Importing soil, facing northwest

4/22/15



Backfilling scrape, facing south

5/4/15



Completed site, facing southwest

5/4/15





Completed site, facing southwest

5/4/15



Completed site, facing south

5/4/15

# Appendix D

Final C-141

**Basin Environmental Service Technologies**  
P.O. Box 2948 Hobbs, NM 88241  
Phone 575.393.2967

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., 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 in  
accordance with 19.15.29 NMAC.

## Release Notification and Corrective Action

### OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: ConocoPhillips	Contact	
Address: 29 Vacuum Complex Lane	Telephone No.	
Facility Name: Santa Fe #133	Facility Type Tank Battery	
Surface Owner NMOCD	Mineral Owner NMOCD	API No. 30-025-32333

### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	31	17S	35E	435	South	1930	East	LEA

Latitude 32.78454367361682 Longitude 103.494735819723

### NATURE OF RELEASE

Type of Release: Spill	Volume of Release: 6.27 BBLS	Volume Recovered: 0 BBLS
Source of Release Tank overflow	Date and Hour of Occurrence 1/04/2015 10:30 am	Date and Hour of Discovery 01/04/2015 4:00 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Tomas Oberding	
By Whom? Jay Garcia	Date and Hour: 01/07/2015 10:30 am	
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.\*

ENV- Agency Reportable- 3 BO & 17 BPW - Santa Fe #133- RR II- MCBU- Buckeye:

On Sunday January 4<sup>th</sup>, 2015 @ 10:30 Hrs. MST, at Santa FE #133, a water tank overflow was found during normal rounds resulting in a release of 3 bbls of oil and 17 bbls of produced water. 2 bbl. of oil and 13 bbl. of produced water were recovered. The affected area will be remediated according to NMOCD and COPC and BLM guidelines. This is not a PSE. Consequence: 1, Likelihood: 5, RR: II.

Describe Area Affected and Cleanup Action Taken.\*☐ The release covered 3,994 square feet of lease pad. Points 1, 2 and 4 scraped to 6 inches bgs and Point 3 was excavated to 1 ft bgs, as approved in the addendum to the CAP. A total of 125 yards of contaminated soil were exported and disposed of at a NMOCD approved facility. A total of 105 yards of base course and 25 yards of pea gravel were imported for backfill. A sample of the imported soil was taken and sent to a commercial laboratory for analysis. Laboratory analysis returned a chloride level of 32 mg/kg. The site was backfilled with the clean, imported soil and contoured to the surrounding location.

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.

### OIL CONSERVATION DIVISION

Signature: *Sean Robinson*

Printed Name: SEAN ROBINSON

Title: OPERATIONS SUPERVISOR

E-mail Address: sean.f.robinson@cop.com

Date: 1-7-16

Phone: 505-391-3147

Approved by Environmental Specialist: *Jamie Hays*

Approval Date: 01/27/2016

Expiration Date: ///

Conditions of Approval:

///

Attached ☐

IRP 3494

\* Attach Additional Sheets If Necessary