



RECEIVED

By JKeyes at 1:10 pm, Dec 22, 2015

APPROVED

By JKeyes at 1:10 pm, Dec 22, 2015

CONOCOPHILLIPS

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

MCA #126
(1RP-3542)

Corrective Action Plan

API No. 30-025-12709

Release Date: February 24th, 2015

Unit Letter A, Section 26, Township 17S, Range 32E



PO Box 2948 | Hobbs, NM 88241 | Phone 575.393.2967

December 22, 2015

Jamie Keyes

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

**RE: Corrective Action Plan
ConocoPhillips MCA #126 (1RP-3542)
UL/A sec. 26 T17S R32E
API No. 30-025-12709**

Mr. Keyes:

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

Background and Previous Work

The site is located approximately 3.6 miles southeast of Maljamar, New Mexico at UL/A sec. 26 T17S R32E. NM OSE, BLM and Basin installed monitor well records indicate that groundwater will likely be encountered at a depth of approximately 69 +/- feet.

On February 24th, 2015, CoP discovered a stuffing box leak during normal rounds. A total of 5.1 barrels of oil and 5.1 barrels of produced water was released over 590 sq ft of caliche pad with 5 barrels of oil and 5 barrels of produced water recovered. BLM and NMOCD were notified of the release on February 25th, 2015, and an initial C-141 was submitted to both parties the same day. NMOCD approved the initial C-141 on February 25th, 2015 (Appendix A).

On December 16th, 2015, Basin personnel were on site to assess the release. Two points within the release area were sampled with depth (Figure 1). All samples were field tested for chlorides and organic vapors, and representative samples were taken to a commercial laboratory for analysis (Appendix B).

Photo Documentation of these activities may be found in Appendix C.

Corrective Action Plan

Based on the assessment, the release will be scraped down to 6 inches bgs. All excavated soil will be taken to a NMOCD approved facility for disposal. Clean soil will be imported to the site to serve as backfill. A sample of the backfill soil will be taken to a commercial laboratory to confirm that the chloride reading is below regulatory standards. The lease pad will be backfilled with clean, imported caliche. The site will be contoured to the surrounding location. .

Once these activities have been completed, a report will be sent to NMOCD and BLM requesting 'remediation termination' and site closure.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Kyle Norman", followed by a horizontal line.

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

Attachments:

- Figure 1 – Initial Sampling
- Appendix A – Initial C-141
- Appendix B – Laboratory Analysis
- Appendix C – Photo Documentation

Figures

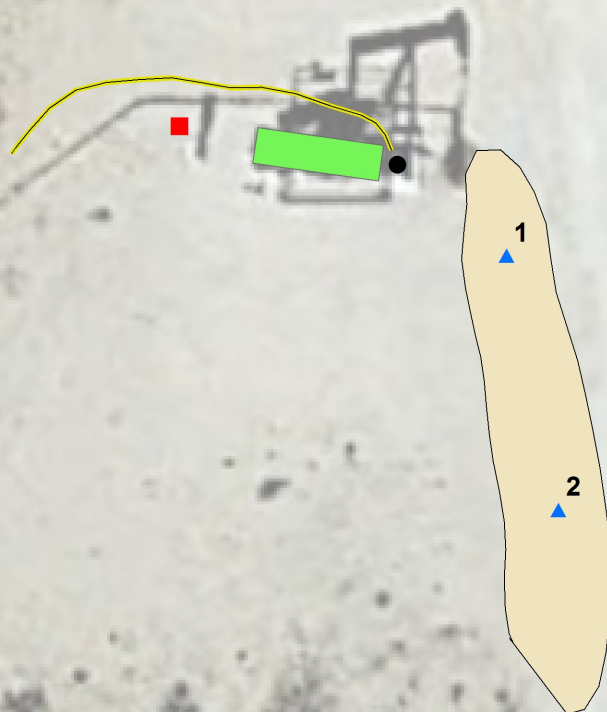
Initial Sampling

Vertical 1

Depth	Cl-	PID	GRO	DRO	B	T	E	X	TOTAL
SS	852	4.5							
6"	144	29.2	<10	833	<0.05	<0.05	<0.05	<0.15	<0.3

Vertical 2

Depth	Cl-	PID	GRO	DRO	B	T	E	X	TOTAL
SS	409	2.1							
6"	528	2.8	<10	669	<0.05	<0.05	<0.05	<0.15	<0.3
1'	176	1.2	<10	131	<0.05	<0.05	<0.05	<0.15	<0.3



Landowner: State
DGW: 69 ft

Legend

- DEADMAN
- ELECTRICAL BOX
- SAMPLE POINT
- WELLHEAD
- SURFACE PIPELINE
- PUMPJACK
- STAIN - 590 SQ FT



CONOCOPHILLIPS
MCA #126

1RP-3542

UL A SECTION 26
T-17-S R-32-E
LEA COUNTY, NM

Figure 1

GPS: 32.810982 -103.730651

0 10 20
Feet

GPS date: 12/16/15 KN
Drawing date: 12/16/15
Drafted by: T. Grieco



Appendix A

Intial 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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

By OCD; Dr. Oberding at 10:36 am, Feb 25, 2015
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: Jay Garcia	
Address: 29 Vacuum Complex Lane	Telephone No. 575-704-2455	
Facility Name: MCA #126	Facility Type: Well	
Surface Owner: NMOCD	Mineral Owner: BLM	API No. 30-025-12709

LOCATION OF RELEASE

Unit Letter A	Section 26	Township 17S	Range 32E	Feet from the 660	North/South Line North	Feet from the 660	East/West Line East	County LEA
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Latitude 32.810935420277 Longitude 103.730660592894

NATURE OF RELEASE

Type of Release: Spill	Volume of Release: 11.00 BBLS	Volume Recovered: 10.00 BBLS
Source of Release: Stuffing Box leak	Date and Hour of Occurrence 02/24/2015 8:43 am	Date and Hour of Discovery 02/24/2015 8:43 am
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: 02/25/2015 9:00 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.*

ENV – Agency Reportable – 5.1 BO & 5.1 BPW – MCA # 126– RR II – MCBU – Buckeye:
On Tuesday February 24, 2015 at 08:43 MST, at MCA #126, a stuffing box leak was found during normal rounds resulting in a release of 5.1 bbl. of oil and 5.1 bbls of produced water with 5.0 bbls of oil and 5.0 bbl. of produced water recovered. The affected area will be remediated according to NMOCD and COPC and guidelines. This is not a PSE. Consequence: 1, Likelihood: 5, RR: II

Describe Area Affected and Cleanup Action Taken.*

Release of 5.1 barrels produced water and 5.1 barrels of oil with 5.0 bbl.of oil and 5.0 bbl. of produced water recovered. Affected area was 80 foot by 6 foot X 5 inch deep on caliche pad and was 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.

Signature: <i>Jay Garcia</i>		OIL CONSERVATION DIVISION	
Printed Name: Jay Garcia		Hydrologist Approved by Environmental Specialist: <i>[Signature]</i> P&O	
Title: LEAD HSE		Approval Date: 02/25/2015	Expiration Date: 04/25/2015
E-mail Address: jay.c.garcia@conocophillips.com		Conditions of Approval: Site samples required. Delineate and remediate area as per NMOCD guides.	Attached <input type="checkbox"/>
Date: 01/06/2015	Phone: 575-704-2455	1RP-3542	217817

* Attach Additional Sheets If Necessary

nTO1505640182
pTO1505640422

Appendix B

Laboratory Analysis

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

December 18, 2015

KYLE NORMAN

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: MCA #126

Enclosed are the results of analyses for samples received by the laboratory on 12/17/15 11:00.

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.

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,



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: 12/17/2015
Reported: 12/18/2015
Project Name: MCA #126
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 12/16/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: PT. 1 @ 6" (H503281-01)

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2015	ND	2.09	104	2.00	5.69	
Toluene*	<0.050	0.050	12/17/2015	ND	2.07	104	2.00	6.88	
Ethylbenzene*	<0.050	0.050	12/17/2015	ND	2.10	105	2.00	7.92	
Total Xylenes*	<0.150	0.150	12/17/2015	ND	6.34	106	6.00	6.97	
Total BTX	<0.300	0.300	12/17/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.6-140

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	12/17/2015	ND	432	108	400	3.64	

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	12/18/2015	ND	206	103	200	1.31	
DRO >C10-C28	833	10.0	12/18/2015	ND	194	96.9	200	3.20	

Surrogate: 1-Chlorooctane 101 % 35-147

Surrogate: 1-Chlorooctadecane 101 % 28-171

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

Analytical Results For:

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

Received: 12/17/2015
Reported: 12/18/2015
Project Name: MCA #126
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 12/16/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: PT. 2 @ 6" (H503281-02)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2015	ND	2.09	104	2.00	5.69	
Toluene*	<0.050	0.050	12/17/2015	ND	2.07	104	2.00	6.88	
Ethylbenzene*	<0.050	0.050	12/17/2015	ND	2.10	105	2.00	7.92	
Total Xylenes*	<0.150	0.150	12/17/2015	ND	6.34	106	6.00	6.97	
Total BTEx	<0.300	0.300	12/17/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	12/17/2015	ND	432	108	400	3.64	

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	12/18/2015	ND	206	103	200	1.31	
DRO >C10-C28	669	10.0	12/18/2015	ND	194	96.9	200	3.20	

Surrogate: 1-Chlorooctane 83.8 % 35-147

Surrogate: 1-Chlorooctadecane 91.2 % 28-171

Cardinal Laboratories

*=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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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

email results:knorman@basinenv.com;
ikamplain@basinenv.com; tgrico@basinenv.com

#54



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

December 21, 2015

KYLE NORMAN

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: MCA #126

Enclosed are the results of analyses for samples received by the laboratory on 12/18/15 16:15.

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Method EPA 524.2	Total Trihalomethanes (TTHM)
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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: 12/18/2015
 Reported: 12/21/2015
 Project Name: MCA #126
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

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 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2015	ND	2.20	110	2.00	1.51	
Toluene*	<0.050	0.050	12/21/2015	ND	2.25	113	2.00	1.29	
Ethylbenzene*	<0.050	0.050	12/21/2015	ND	2.06	103	2.00	2.62	
Total Xylenes*	<0.150	0.150	12/21/2015	ND	6.56	109	6.00	1.77	
Total BTX	<0.300	0.300	12/21/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/19/2015	ND	173	86.5	200	7.80	
DRO >C10-C28	131	10.0	12/19/2015	ND	180	90.0	200	9.08	

Surrogate: 1-Chlorooctane 108 % 35-147

Surrogate: 1-Chlorooctadecane 106 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Celey D. Keene, Lab Director/Quality Manager

Appendix C

Photo Documentation

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

Conoco Phillips MCA #126 (1RP-3542)

Unit Letter A, Section 26, T17S, R32E



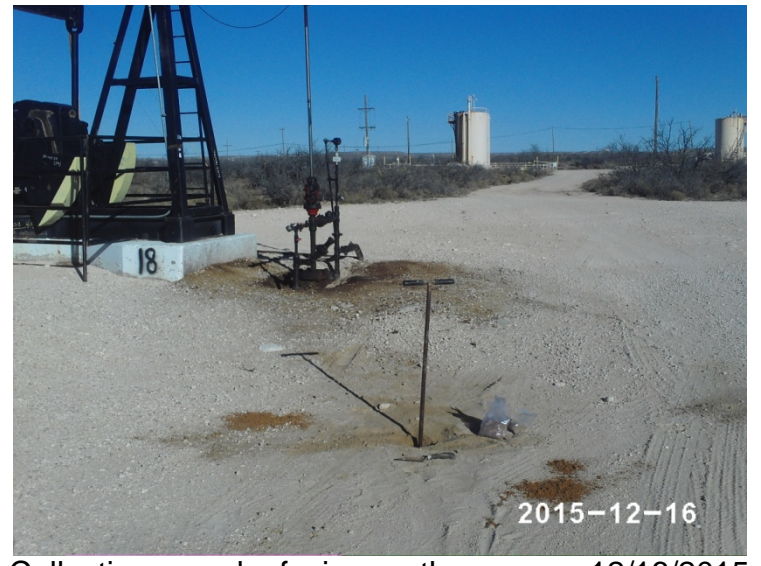
Initial release area, facing west south west 12/16/2015



Initial release area, facing north 12/16/2015



Initial release area, facing north west 12/16/2015



Collecting sample, facing north 12/16/2015

