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By JKeyes at 2:31 pm, May 23, 2016



APPROVED

CONOCOPHILLIPS

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

ABO 13-10
(1RP-3737)

Corrective Action Plan

API No. 30-025-03070

Release Date: July 15th, 2015

Unit Letter E, Section 4, Township 18S, Range 35E



PO Box 2948 | Hobbs, NM 88241 | Phone 575.393.2967

May 23rd, 2016

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 Abo 13-10 (1RP-3737)
UL/E sec. 4 T18S R35E
API No. 30-025-03070**

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 2.8 miles southeast of Buckeye, New Mexico at UL/E sec. 21 T17S R35E. NM OSE and Basin installed monitor well records indicate that groundwater will likely be encountered at a depth of approximately 67 +/- feet.

On June 15th, 2015, CoP discovered a release from a steel flow line. A total of 8 barrels of oil and 2 barrels of produced water was released over 5,178 sq ft of pasture with 4 barrels of oil and 1 barrel of produced water recovered. NMOCD was notified of the release on July 16th, 2015, and an initial C-141 was submitted and approved by NMOCD the same day (Appendix A).

On July 30th, 2015, Basin personnel were on site to assess the release. On May 19th, 2016 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 excavated down to 3 ft bgs. Representative wall samples will be taken to a commercial laboratory to confirm that all constituents are below regulatory standards. There are buried and surface lines running throughout the release. To

provide for the safety of people and equipment at the site, the excavation will remain 5 ft away from the buried and surface lines.

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 pasture will be backfilled with clean, imported top soil. The site will be contoured to the surrounding location. The pasture area will be seeded with a blend of native vegetation.

Once these activities have been completed, a report will be sent to NMOCD 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 cursive script that reads "Kyle Norman". The signature is written in black ink and has a horizontal line extending to the right from the end of the name.

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

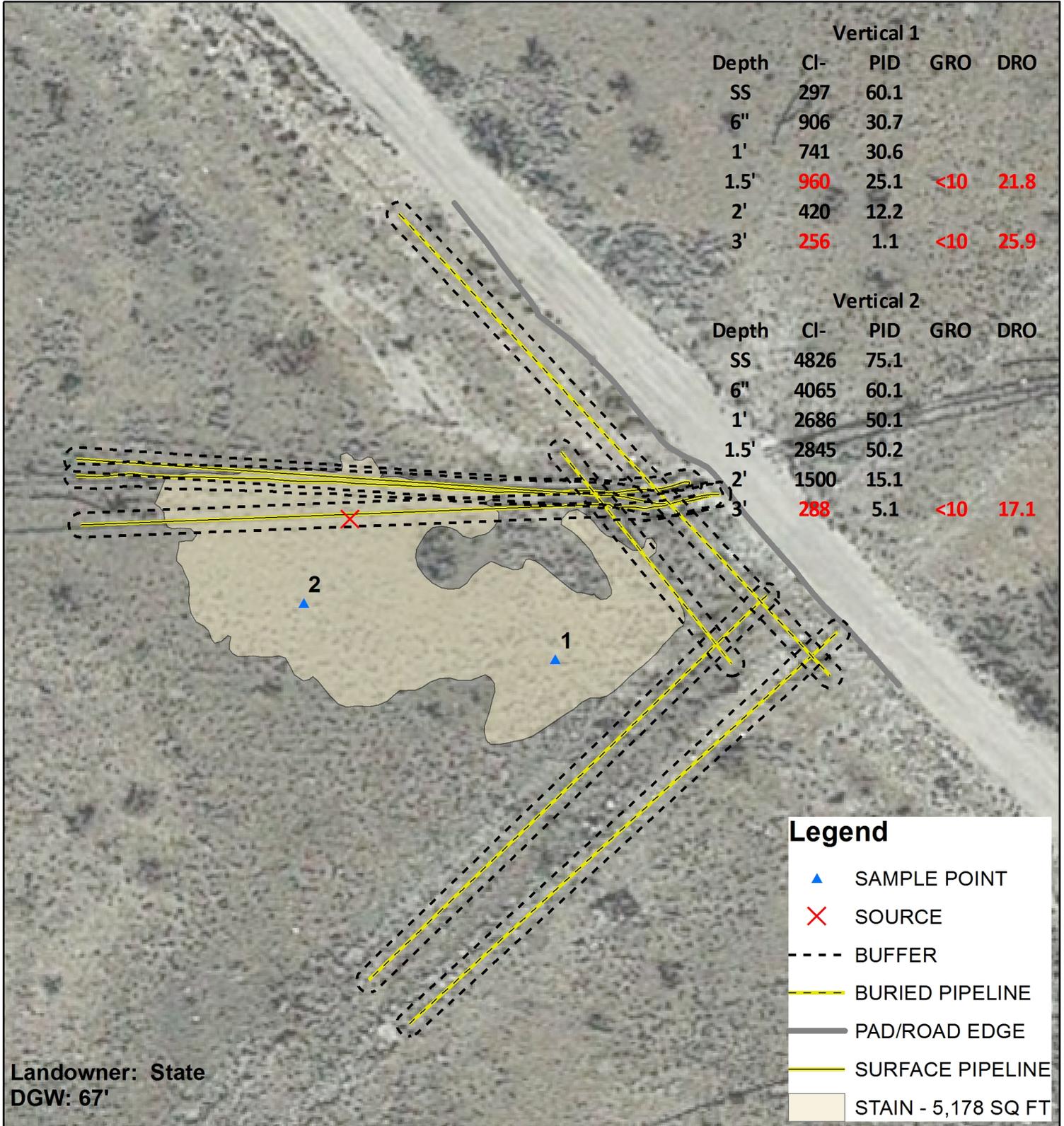
Attachments:

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

Figures

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

Initial Sampling Data



CONOCOPHILLIPS

ABO 13-10
1RP-3737

UL E SECTION 4
T-18-S R-35-E
LEA COUNTY, NM

Underground facilities are spatially projected and need to be field verified.

GPS Source: 32.777516 -103.467643
0 10 20
HHH Feet
GPS date: 7/30/15 CF
Drawing date: 7/31/15
Drafted by: T. Grieco

Appendix A

Intial C-141

Basin Environmental Service Technologies, LLC
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: Spencer Cluff
Address: 29 Vacuum Complex Lane	Telephone No. 575-746-7248
Facility Name: Ab0 13-10	Facility Type: Well

Surface Owner: NMOCD	Mineral Owner: BLM	API No. 30-025-03070
-----------------------------	---------------------------	-----------------------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	5	18S	35E	1980	South	2310	East	LEA

Latitude 32.7751007 Longitude 103.4787369 NAD83

NATURE OF RELEASE

Type of Release: Spill	Volume of Release: 10 BBLs	Volume Recovered: 5 BBLs
Source of Release: Flow line	Date and Hour of Occurrence 07/15/2015 4:00 am	Date and Hour of Discovery 07/15/2015 10:10 am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jamie Keyes	
By Whom? Spencer Cluff	Date and Hour: 07/16/2015 2:20 pm	
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.*

On July 15, 2015 at 1010 hrs MDT, a discharge of 8 bbls oil and 2 bbls produced water occurred on the ABO 13-10 flow line with 4 bbls oil and 1 bbls produced water recovered.

Describe Area Affected and Cleanup Action Taken.*

Immediate action by the MSO was to shut down the well and isolate the flowline. A work order has been submitted to repair the line. 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>Spencer A. Cluff</i>		OIL CONSERVATION DIVISION	
Printed Name: Spencer A. Cluff		Approved by Environmental Specialist: <i>Jamie Keyes</i>	
Title: LEAD HSE		Approval Date: 07/16/2015	Expiration Date: 10/16/2015
E-mail Address: spencer.a.cluff@conocophillips.com		Conditions of Approval: Discrete site samples required. Delineate and remediate per NMOCD guides. Geotagged photos of remediation required.	Attached <input type="checkbox"/>
Date: 07/16/2015	Phone: 575-746-7248		ogrid 217817 IRP 3737

* Attach Additional Sheets If Necessary

nJXK1519752626

pJXK1519752854

Appendix B

Laboratory Analysis

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



May 23, 2016

KYLE NORMAN

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: ABO 13-10 (1RP-3737)

Enclosed are the results of analyses for samples received by the laboratory on 05/20/16 8:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive 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:	05/20/2016	Sampling Date:	05/19/2016
Reported:	05/23/2016	Sampling Type:	Soil
Project Name:	ABO 13-10 (1RP-3737)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: VERTICAL 1 @ 3' (H601101-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/20/2016	ND	416	104	400	3.77	
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	05/20/2016	ND	188	94.2	200	1.60	
DRO >C10-C28	25.9	10.0	05/20/2016	ND	208	104	200	4.73	

Surrogate: 1-Chlorooctane 71.5 % 35-147

Surrogate: 1-Chlorooctadecane 90.7 % 28-171

Sample ID: VERTICAL 2 @ 3' (H601101-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/20/2016	ND	416	104	400	3.77	
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	05/20/2016	ND	188	94.2	200	1.60	
DRO >C10-C28	17.1	10.0	05/20/2016	ND	208	104	200	4.73	

Surrogate: 1-Chlorooctane 73.5 % 35-147

Surrogate: 1-Chlorooctadecane 93.6 % 28-171

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: 05/20/2016
 Reported: 05/23/2016
 Project Name: ABO 13-10 (1RP-3737)
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/19/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: VERTICAL 1 @ 1.5' (H601101-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	05/20/2016	ND	416	104	400	3.77	
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	05/20/2016	ND	188	94.2	200	1.60	
DRO >C10-C28	21.8	10.0	05/20/2016	ND	208	104	200	4.73	

Surrogate: 1-Chlorooctane 74.7 % 35-147

Surrogate: 1-Chlorooctadecane 97.7 % 28-171

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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



ARDINAL 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

Handwritten signature: RUSBY

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: ConocoPhillips
 Project Manager: Kyle Norman
 Address: 419 W Cain
 City: Hobbs State: NM Zip: 88240
 Phone #: 575-393-2967 Fax #: 575-393-0293
 Project #: _____ Project Owner: _____
 Project Name: _____
 Project Location: Abq 13-10
 Sampler Name: Skayphos CRP3737
 FOR LAB USE ONLY

P.O. #: _____
 Company: Basin
 Attn: _____
 Address: 419 W Cain
 City: Hobbs State: NM Zip: 88240
 Phone #: 575-393-2967 Fax #: 575-393-0293

Lab I.D. AW01101 Sample I.D. _____
 (G)RAB OR (C)OMP. _____
 # CONTAINERS _____
 GROUNDWATER _____
 WASTEWATER _____
 SOIL _____
 OIL _____
 SLUDGE _____
 OTHER: _____
 ACID/BASE: _____
 ICE / COOL _____
 OTHER: _____
 MATRIX _____
 PRESERV. _____
 SAMPLING _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS
	1	Vert 1 @ 3'	1										5-19-16	1:30						
	2	Vert 2 @ 3'	1										5-19-16	2:30						
	3	Vert 1 @ 1.5'	1										5-19-16	1:45						

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Relinquished By: [Signature] Date: 5-20-16 Time: 5:00
 Received By: [Signature] Date: 5-19-16 Time: 8:05
 Relinquished By: _____ Date: _____ Time: _____
 Received By: _____ Date: _____ Time: _____
 Delivered By: (Circle One) Basin
 Sampler - UPS - Bus - Other: -11.02
 Sample Condition: Cool Intact
 Yes No Yes No
 CHECKED BY: [Signature]
 Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS: _____
 email results: TGarrico@basinenv.com
knorman@basinenv.com; jkampplain@basinenv.com

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476
Corrected - 10.9e

Appendix C

Photo Documentation

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

**Conoco Phillips ABO 13-10 (1RP-3737)
Unit E, Section 4, T-18-S, R-35-E**



Initial release facing west 7/30/15



Initial release facing east 7/30/15



Initial release facing north 7/30/15



Initial release facing north west 7/30/15



Excavating vertical 1 facing south west 5/19/16



Excavating vertical 2 facing north west 5/19/16