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By JKeyes at 1:44 pm, Dec 31, 2015

APPROVED

By JKeyes at 1:44 pm, Dec 31, 2015

CONOCOPHILLIPS

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

ABO 13-10

1RP-3145

Termination Request

API No. 30-025-03070

Release Date: May 14th, 2014

Unit Letter J, Section 5, Township 18S, Range 35E



PO Box 2948 | Hobbs, NM 88241 | Phone 575.393.2967

May 1, 2015

Dr. Tomáš Oberding, PhD

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

**RE: Termination Request
ConocoPhillips ABO 13-10 (1RP-3145)
UL/J sec. 5 T18S R35E
API No. 30-025-03070**

Dr. Oberding:

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 2.5 miles southeast of Buckeye, New Mexico in UL/J sec. 5 T18S R35E. NM OSE, BLM and Non-COP monitor well records indicate that groundwater will likely be encountered at a depth of approximately 67 +/- feet.

On May 14th, 2014, a pilot, conducting a fly-over inspection of the area, discovered a release from the ABO 13-10 flow line. The well was shut in and the line was isolated. A total of 21.05 barrels of oil and produced water were released over 5,747 square feet of pasture land. A vacuum truck was called to the site and recovered 3 barrels of fluid. An initial C-141 was submitted to NMOCD on May 15th, 2014, and NMOCD approved the initial C-141 on July 7th, 2014 (Appendix A).

Basin personnel were on site beginning July 15th, 2014. Three points within the release area were sampled at the surface and at 6 inches bgs. The samples were field tested for chlorides and organic vapors, and all samples were taken to a commercial laboratory for analysis. All surface samples returned laboratory chlorides readings and Diesel Range Organics (DRO) readings above regulatory standards. Gasoline Range Organics (GRO) readings were low or non-detect. At 6 inches bgs, Point 1 returned a laboratory chloride reading of 304 mg/kg, a GRO reading of 50.8 mg/kg and a DRO reading of 1,250 mg/kg. Point 2 and Point 3 returned laboratory chloride readings and DRO readings that were still elevated at 6 inches bgs; however, GRO readings were still below regulatory standards.

Based on the laboratory analysis, a Corrective Action Plan (CAP) was submitted to NMOCD on October 22nd, 2014 and was approved the same date. The CAP stated that the area around Point

1 would be scraped down 6 inches bgs to 1 foot bgs. At the base of the scrape, a composite sample would be taken and sent to a commercial laboratory to confirm that chloride, GRO and DRO readings returned readings below regulatory standards. The area around Point 2 and Point 3 would be scraped down until field sampling indicated that all constituents would return laboratory readings below regulatory standards. Once this occurred, a bottom composite of the scrape around Point 2 and Point 3 would be taken to a commercial laboratory to confirm that chloride, GRO and DRO levels were below regulatory standards.

All excavated soils would be evaluated for use as backfill, and any soils that did not meet regulatory standards would be taken for disposal at a NMOCD approved site. Clean soil would be imported to the site to replace any soils taken for disposal. The clean soil would be blended with the excavated soil for use as backfill. A sample of the blended soil would be taken to a commercial laboratory to confirm that chloride, GRO and DRO values were below regulatory standards. The scrapes would be backfilled with blended soil and contoured to the surrounding location. The site would then be seeded with a blend of native vegetation.

CAP activities began at the site January 15th, 2015. The release area was scraped down to 1 ft bgs and a 5 point bottom composite was taken and sent to a commercial laboratory for analysis (Figure 1). Laboratory analysis confirmed chloride, GRO and DRO levels were below regulatory standards (Appendix B). All excavated soil, a total of 360 yards, was taken to a NMOCD approved facility for disposal. On February 27th, 2015, NMOCD gave approval to backfill. The site was backfilled with 420 yards of clean, imported top soil and contoured to the surrounding location. On March 2nd, 2015, the site was seeded with BLM mix #2.

Photo documentation of CAP activities can be found in Appendix C.

Given that CoP has completed the actions as stated in the approved 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 Hack Conder at (575) 631-6432 or me if you have any questions or wish to discuss the site.

Sincerely,

A handwritten signature in black ink that reads "Kyle Norman". The signature is fluid and cursive, with a long horizontal line extending from the end of the name.

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

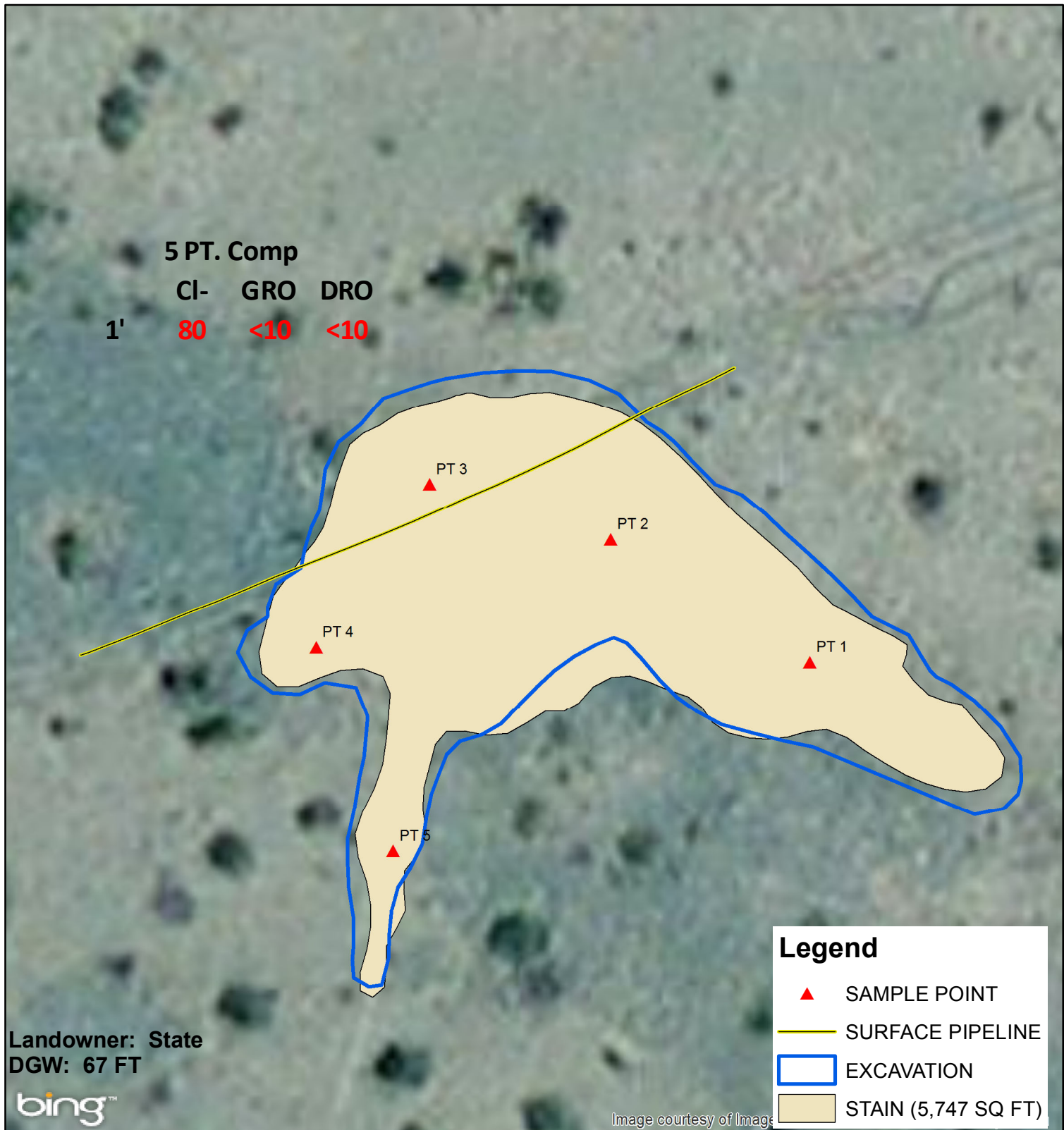
Attachments:

Figure 1 – Excavation Map
Appendix A – Initial C-141

Appendix B – Laboratory Analysis
Appendix C – Photo Documentation
Appendix D – Final C-141

Figures

Excavation Data



CONOCOPHILLIPS
ABO 13-10
1RP-3145
Legals: UL/J sec. 5
T-18-S R-35-E
LEA COUNTY, NM

Figure 1

0 10 20
HHH Feet

GPS date: 2/19/15 KS
Drawing date: 2/20/15
Drafted by: L. Weinheimer, T. Grieco



Appendix A

Intial 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

HOBBS OCD

MAY 15 2014

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

Form C-141
Revised August 8, 2011

RECEIVED

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: ConocoPhillips	Contact: Spencer Cluff
Address: 29 Vacuum Complex Lane	Telephone No. 575-391-3143
Facility Name: ABO 13-10	Facility Type: Well

Surface Owner: NMOCD	Mineral Owner: NMOCD	API No. 30-025-03070
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	05	18S	35E	1980	South	2310	East	LEA

Latitude **32.8057498009579** Longitude **103.446081589692**

NATURE OF RELEASE

Type of Release: Spill	Volume of Release: 21.05 BBLS	Volume Recovered: 3 BBLS
Source of Release: Flow Line	Date and Hour of Occurrence 5/14/2014 7:00 am	Date and Hour of Discovery 5/14/14 2:45 pm
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom? Spencer Cluff	Date and Hour: 05/15/2014 10:15 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.* *depth to gH₂O 50'-75'*

Describe Cause of Problem and Remedial Action Taken.*
May 13, 2014 at 1100, a discharge occurred on the ABO 13-10 flow line. Pipeline pilot discovered the leak while flying the area. Well was shut down within a few minutes after discovery and flow line was isolated at the well and header. Total volume of the spill was 21.05 bbls, with 6 BO and 15.05 BPW. Vacuum truck recovered approximately 1.5 BO and 1.5 BPW. Affected area was 45 ft. X 36 ft. X 12 inches deep in soil of pasture. MSO notified Operation Supervisor and the HSE. G.P.S. of leak location is 32°46'34"N 103°28'33"W.

Describe Area Affected and Cleanup Action Taken.*
Affected area was 45 ft. X 36 ft. X 12 inches deep in soil of pasture.

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 Cluff	Approved by Environmental Specialist:	
Title: LEAD HSE	Approval Date: 7-2-14	Expiration Date: 9-10-14
E-mail Address: spencer.a.cluff@conocophillips.com	Conditions of Approval: <i>Site Samples required Delimited remediate areas Per NMOCD guides. Submit find</i>	Attached <input type="checkbox"/> 7-14-3145
Date: 05/15/2014	Phone: 575-391-3143	

* Attach Additional Sheets If Necessary

C-141 by 9-10-14

ogrid 217817

JUL 09 2014

HTO 1418 852147
P TO 1418 852434

Appendix B

Laboratory Analysis

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

February 26, 2015

LAURA FLORES

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: ABO 13-10

Enclosed are the results of analyses for samples received by the laboratory on 02/25/15 16:15.

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:

 RICE ENVIRONMENTAL CONSULTING & SAFETY
 LAURA FLORES
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	02/25/2015	Sampling Date:	02/25/2015
Reported:	02/26/2015	Sampling Type:	Soil
Project Name:	ABO 13-10	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: 5 PT. COMP 1' EXCAVATION (H500546-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/26/2015	ND	416	104	400	3.92	
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	02/26/2015	ND	201	101	200	2.35	
DRO >C10-C28	<10.0	10.0	02/26/2015	ND	179	89.3	200	9.82	
Surrogate: 1-Chlorooctane	79.1 %	47.2-157							
Surrogate: 1-Chlorooctadecane	74.4 %	52.1-176							

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.



Celey D. Keene, Lab Director/Quality Manager



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 $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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 hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>Kyle Schwardt</i>		Date: <i>2-25-15</i>		Time: <i>4:15</i>		Received By: <i>Jodi Hinson</i>		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Fax #:	
Relinquished By:		Date:		Time:		Received By:		REMARKS: email: hconder@riceswd.com; lflores@rice-ecs.com; lweinheimer@rice-ecs.com; knorman@rice-ecs.com; jkamplain@rice-ecs.com; sedwards@rice-ecs.com; cursanic@rice-ecs.com Environmental Tech: <i>ice hardt</i> @rice-ecs.com			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:						Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		CHECKED BY: (Initials) <i>JA</i>			

† 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 Abo 13-10

Unit Letter J, Section 5, T18S, R35E



Initial release area, facing northeast

7/15/14



Initial release area, facing west

7/15/14



Excavating to 1', facing east

2/19/15



Completed excavation, facing northwest

2/25/15



Exporting soil, facing southeast

2/25/15



Importing soil, facing northeast

3/2/15



Backfilling excavation, facing east

3/2/15



Spreading amendments, facing southeast

3/2/15



Seeding site, facing east

3/2/15



Completed site, facing south

3/2/15



Completed site, facing southwest

3/2/15



Completed site, facing west

3/2/15

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
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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	Abo 13-10	Facility Type	Well
Surface Owner	NMOCD	Mineral Owner	NMOCD
		API No.	3002503070

LOCATION OF RELEASE

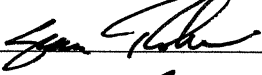

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	05	18S	35E	1980	South	2310	East	Lea

Latitude 32.8057498009579 Longitude 103.446081589692

NATURE OF RELEASE

Type of Release	Spill	Volume of Release	21.05 BBLS	Volume Recovered	3 BBLS
Source of Release	Flow Line	Date and Hour of Occurrence	5/14/2014 7:00 am	Date and Hour of Discovery	5/14/14 2:45 pm
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?			
By Whom?	Spencer Cluff	Date and Hour 05/15/2014 10:15 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.* May 13, 2014 at 11:00, a discharge occurred on the ABO 13-10 flow line. Pipeline pilot discovered the leak while flying the area. Well was shut down within a few minutes after discovery and flow line was isolated at the well and header. Total volume of the spill was 21.05 bbls, with 6 BO and 15.05 BPW. Vacuum truck recovered approximately 1.5 BO and 1.5 BPW. Affected area was 45 ft. X 36 ft. X 12 inches deep in soil of pasture. MSO notified Operation Supervisor and the HSE. G.P.S. of the leak location is 32°46'34"N 103°28'33"W					
Describe Area Affected and Cleanup Action Taken.* The release area was scraped down to 1 ft bgs and a 5 point bottom composite was taken and sent to a commercial laboratory for analysis. Laboratory analysis confirmed chloride, GRO and DRO levels were below regulatory standards. A total of 360 cubic yards of contaminated soil was taken to a NMOCD approved facility for disposal. The site was backfilled with 420 cubic yards of clean, imported top soil and contoured to the surrounding location. On March 2 nd , 2015, soil amendments were added to the disturbed area, and the site was seeded with BLM mix #2.					
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: 	Approved by Environmental Specialist: 		
Printed Name: SEAN ROBINSON	Approval Date: 12/31/2015	Expiration Date: ///	
Title: OPERATIONS SUPERVISOR	Conditions of Approval: ///		
E-mail Address: strahin@cop.com	Attached <input type="checkbox"/>		IRP 3145
Date: 11/4/15	Phone: 575-390-6673		

* Attach Additional Sheets If Necessary