



APPROVED

CONOCOPHILLIPS

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

Warren Unit Satellite 5 (1RP-3486)

Termination Request

API No. 30-025-30473

Release Date: January 3rd, 2015

Unit Letter F, Section 28, Township 20S, Range 38E



PO Box 2948 | Hobbs, NM 88241 | Phone 575.393.2967

May 18th, 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 Warren Unit Satellite 5 (1RP-3486)
UL/F sec. 28 T20S R38E
API No. 30-025-30473**

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 8.3 miles southwest of Monument, New Mexico at UL/F sec. 28 T20S R37E. NM OSE, BLM and Basin installed monitor well records indicate that groundwater will likely be encountered at a depth of approximately 62 +/- feet.

On January 3rd, 2015, CoP discovered a release from a transfer pump intake line. A total of 15.67 barrels of oil was released over 2,278 sq ft of caliche pad and pasture land with an overspray of 139 sq ft on the caliche pad. None of this fluid was recovered. BLM and NMOCD were notified of the release on January 5th, 2015, and an initial C-141 was submitted to both parties the same day. NMOCD approved the initial C-141 on January 7th, 2015 (Appendix A).

Basin personnel were on site to assess the release January 6th, 2015. The release was mapped and photographed (Figure 1). On August 8th, 2015, samples were taken at the surface and with depth and sent to a commercial laboratory for analysis (Appendix B). Laboratory analysis of Point 1 at the surface returned a chloride value of 1,740 mg/kg, Gasoline Range Organics (GRO), Diesel Range Organics (DRO) and BTEX values of non-detect. At 1 ft bgs, Point 1 returned a chloride reading of 48 mg/kg, GRO, DRO and BTEX values of non-detect. Laboratory analysis of Point 2 at the surface returned a chloride reading of 144 mg/kg, a GRO value of non-detect, a DRO value of 5,000 mg/kg and BTEX values of non-detect. At 6 in bgs, Point 2 returned a chloride value of non-detect, a GRO value of non-detect, a DRO reading of 2,520 mg/kg and BTEX values of non-detect.

A Corrective Action Plan (CAP) was submitted to NMOCD and BLM on September 30th, 2015 and was approved by NMOCD and by BLM on October 1st, 2015. Basin recommended that the release be scraped to a depth of 1 ft bgs. . Once the scrape is completed, discreet samples from the bottom of the scrape will be taken and field tested for chlorides and organic vapors. If the field data indicates that the composite will not achieve chloride, Gasoline Range Organics (GRO), Diesel Range Organics (DRO) and BTEX readings below regulatory standards, the scrape will be deepened until field testing indicates that all constituents from the bottom composite will return values below regulatory standards. The bottom composite will then be taken to a commercial laboratory to confirm that all constituents return readings are below regulatory standards.

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 and 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.

CAP activities began on November 19th, 2015. The release was scraped to a depth of 1 ft bgs and 2 discreet samples were obtained from the base of the scrape and sent to a commercial laboratory for analysis (Appendix B). The discreet sample at Pt.1 @ 1' returned a chloride result of <16 mg/kg, GRO and DRO value of <10 mg/kg and a BTEX value of <.03 mg/kg. The discreet sample at Pt.2 @ 1' returned a chloride result of 64 mg/kg, GRO value of 829 mg/kg, DRO value of 2160 mg/kg and a BTEX value of <.03 mg/kg. The scrape around Pt.2 was then deepened to a depth of 1.5', then a discreet sample was obtained from the base of the 1.5' scrape and taken to a commercial laboratory for analysis. The discreet sample at Pt.2 @ 1.5' returned a chloride result of <16 mg/kg, GRO value of <10 mg/kg, DRO value of 426 mg/kg and a BTEX value of <.03 mg/kg. Approximately 100 yards was exported to a NMOCD approved facility for disposal. On November 30th, 2015 a request to backfill was submitted to NMOCD and BLM. Basin received backfill approval from NMOCD and from BLM on the same day. Approximately 20 yards top soil and 8 yards caliche were imported to backfill. A sample was taken of the imported soil and sent to a commercial laboratory for analysis. The imported sample returned a chloride result of <16 mg/kg. The scrape was then backfilled with imported materials and contoured to the surrounding area. The pasture area was seeded with native vegetation.

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

Given that the CAP activities have been completed as approved by NMOCD and BLM, Conoco Phillips respectfully request 'remediation termination' and site closure. The final c-141 can be found in Appendix D

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 that reads "Kyle Norman" followed by a long horizontal flourish.

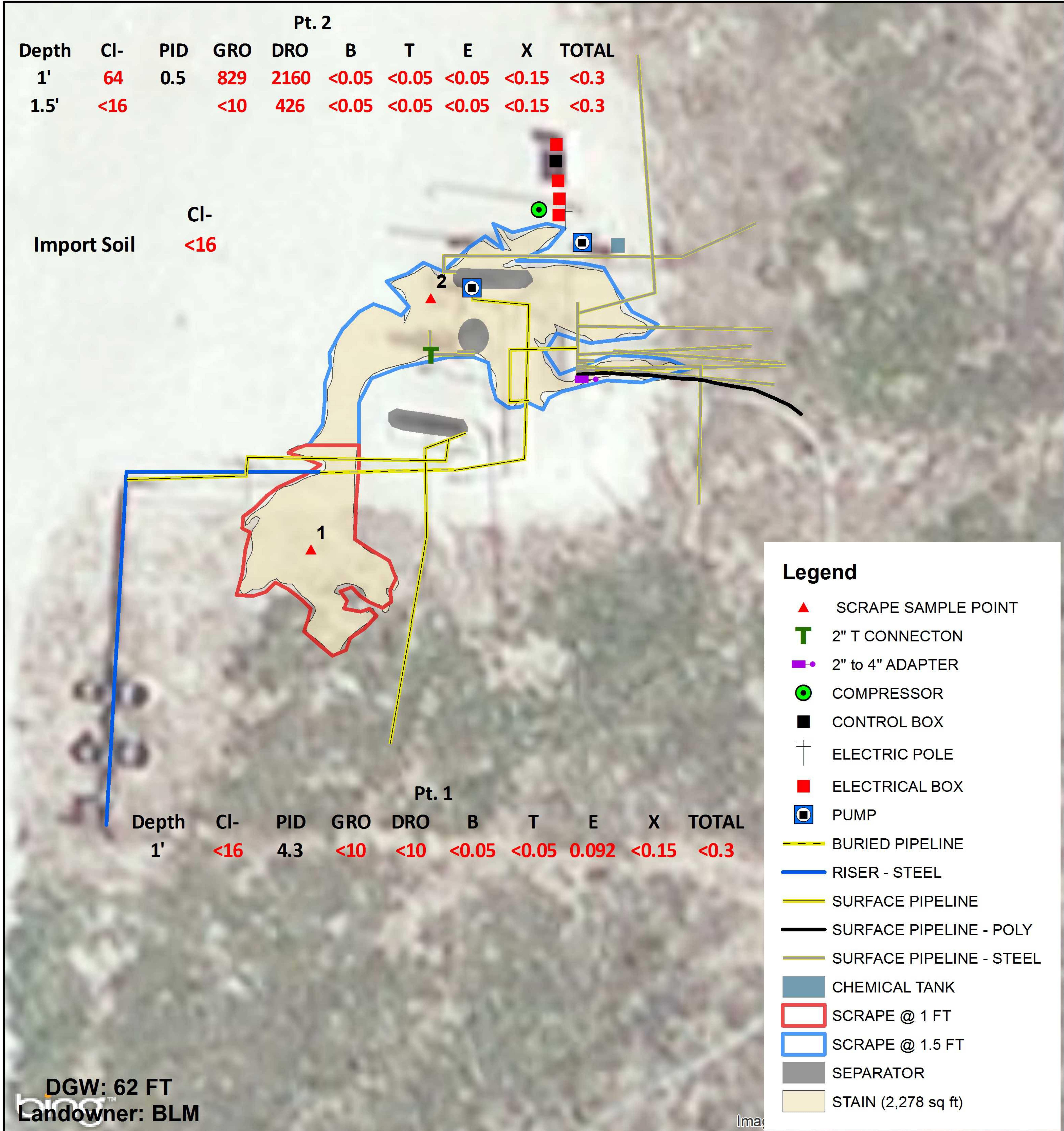
Kyle Norman
Project Lead
Basin Environmental Service Technologies
(575) 942-8542

Attachments:

- Figure 1 – Proposed Scrape
- Appendix A – Initial C-141
- Appendix B – Laboratory Analysis
- Appendix C – Photo Documentation
- Appendix D- Final C-141

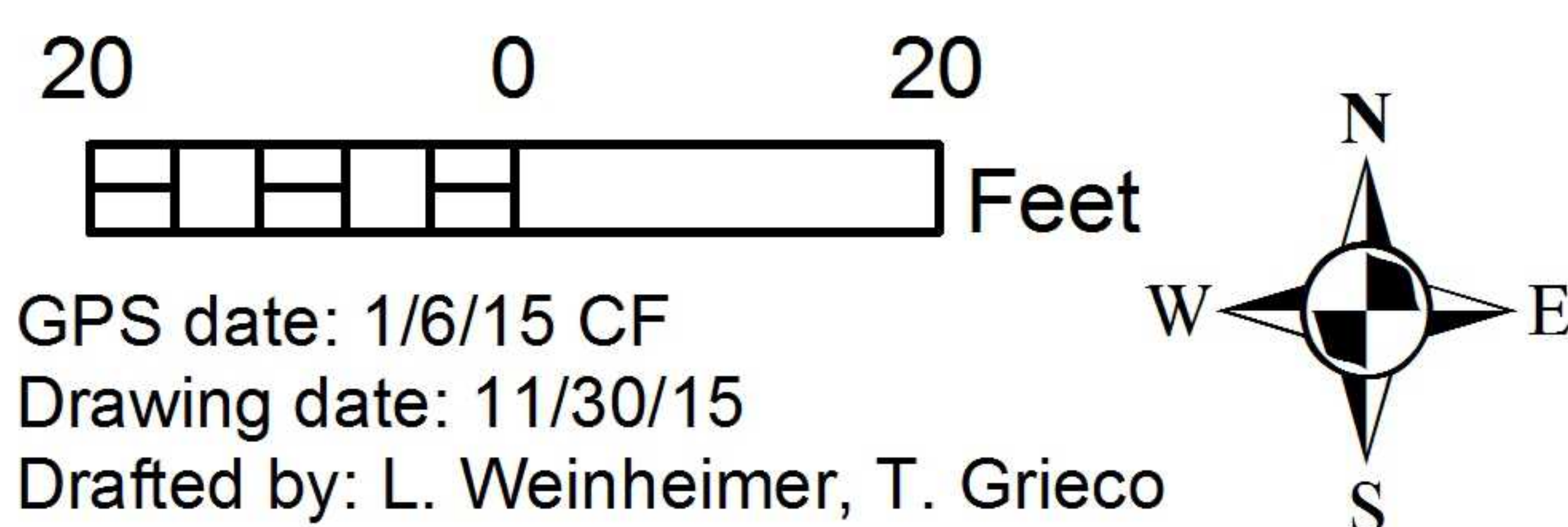
Figures

Scrape



CONOCOPHILLIPS
WARREN UNIT
SATELLITE 5
LEGALS: UL/F SEC. 28
T-20-S R-38-E
LEA COUNTY, NM
NMOCD CASE # 1RP-3486

Figure 1



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
NMOCD 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.

RECEIVED
Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: ConocoPhillips	Contact: Spencer Cluff	
Address: 1410 N West Country Road	Telephone No. 575-746-7248	
Facility Name: Warren Unit Satellite 5	Facility Type: Satellite	
Surface Owner: NMOCD	Mineral Owner: BLM	API No. 30-025-30473

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	28	20S	38E	1940	North	2020	West	LEA

Latitude 32.5462164601454 Longitude 103.155469948588

NATURE OF RELEASE

Type of Release: Spill	Volume of Release: 15.67 BBLS	Volume Recovered: 0 BBLS
Source of Release: transfer pump intake line	Date and Hour of Occurrence 01/03/2015 7:30 am	Date and Hour of Discovery 01/03/2015 1:30 pm
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Tomas Oberding Solomon Hughes	
By Whom? Spencer Cluff	Date and Hour: 01/05/2015 12:15 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 Saturday, January 3, 2015 at 1330 hrs. MST, a spill occurred at the Warren Unit Satellite 5. The spill originated from the transfer pump intake line. All valves were closed to the transfer pump and separator, and the transfer pump power was also disabled at the electrical box. Spill area was 120 ft. x 60 ft. x 1 inch deep for a total of 6.68 BO with none recovered. The spill remained on the caliche pad. The area will be remediated according to NMOCD guidelines.

Describe Area Affected and Cleanup Action Taken.*

Spill area was 120 ft. x 60 ft. x 1 inch deep for a total of 6.68 BO with none recovered. The spill remained on the caliche pad. The 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: Spencer A. Cluff		OIL CONSERVATION DIVISION	
Printed Name: Spencer A. Cluff		Approved by Environmental Specialist:	
Title: LEAD HSE		Approval Date: 1-7-15	Expiration Date: 2-7-15
E-mail Address: spencer.a.cluff@conocophillips.com		Conditions of Approval: <i>Site Super - good. Delude 2 names over as per NMOCD guide Shirley L. Cluff 2/7/15</i>	
Date: 01/05/2015		Attached <input type="checkbox"/> IRP-3486	
Phone: 575-746-7248			

* Attach Additional Sheets If Necessary

JAN 08 2015

NT01500737228
PT01500737322

217817

Appendix B

Laboratory Analysis

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



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

November 23, 2015

KYLE NORMAN

BASIN ENVIRONMENTAL - HOBBS

419 W. CAIN

HOBBS, NM 88240

RE: WARREN UNIT SAT 5

Enclosed are the results of analyses for samples received by the laboratory on 11/20/15 11:16.

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,

Hope S. Moreno For 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:	11/20/2015	Sampling Date:	11/20/2015
Reported:	11/23/2015	Sampling Type:	Soil
Project Name:	WARREN UNIT SAT 5	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

Sample ID: PT 1 @ 1' (H503076-01)

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	11/20/2015	ND	1.86	93.2	2.00	1.39	
Toluene*	<0.050	0.050	11/20/2015	ND	2.11	105	2.00	1.48	
Ethylbenzene*	0.092	0.050	11/20/2015	ND	2.07	104	2.00	1.61	
Total Xylenes*	<0.150	0.150	11/20/2015	ND	6.17	103	6.00	1.73	
Total BTEX	<0.300	0.300	11/20/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	<16.0	16.0	11/23/2015	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	11/20/2015	ND	203	102	200	1.41	
DRO >C10-C28	<10.0	10.0	11/20/2015	ND	206	103	200	0.0879	

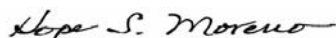
Surrogate: 1-Chlorooctane 115 % 35-147

Surrogate: 1-Chlorooctadecane 130 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Hope S. Moreno For Caley 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:	11/20/2015	Sampling Date:	11/20/2015
Reported:	11/23/2015	Sampling Type:	Soil
Project Name:	WARREN UNIT SAT 5	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

Sample ID: PT 2 @ 1' (H503076-02)

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	11/20/2015	ND	1.86	93.2	2.00	1.39	
Toluene*	<0.050	0.050	11/20/2015	ND	2.11	105	2.00	1.48	
Ethylbenzene*	<0.050	0.050	11/20/2015	ND	2.07	104	2.00	1.61	
Total Xylenes*	<0.150	0.150	11/20/2015	ND	6.17	103	6.00	1.73	
Total BTEX	<0.300	0.300	11/20/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	64.0	16.0	11/23/2015	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	829	50.0	11/20/2015	ND	203	102	200	1.41	
DRO >C10-C28	2160	50.0	11/20/2015	ND	206	103	200	0.0879	

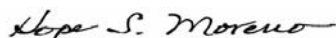
Surrogate: 1-Chlorooctane 101 % 35-147

Surrogate: 1-Chlorooctadecane 157 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Hope S. Moreno For Caley D. Keene, Lab Director/Quality Manager

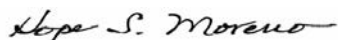
Notes and Definitions

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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Hope S. Moreno For Celey D. Keene, Lab Director/Quality Manager

ORDINAL 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

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 Name: Project Location: Warren Int Sat #5 Sample Name: Sample 1				P.O. #: Company: Basin Attn: Address: 419 W Cain City: Hobbs State: NM Zip: 88240 Phone #: 575-393-2967 Fax #: 575-393-0293			
BILL TO				ANALYSIS REQUEST			
FOR LAB USE ONLY							
Lab I.D. 1503016		Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		DATE TIME	
11-20-15 9:30		11-20-15 9:35		11-20-15 9:30 11-20-15 9:35		11-20-15 9:30 11-20-15 9:35	
PLEASE NOTE: Liability and Damages, Cardinal's liability and clients 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 services. 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 clients, 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.							
Reinforced By: [Signature]		Date: 11-20-15		Received By: [Signature]		Date: 11-20-15	
Relinquished By: [Signature]		Date: 11-20-15		Received By: [Signature]		Date: 11-20-15	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		CHECKED BY: [Signature]		REMARKS:	
email results: hconder@basinenr.com; knorman@basinenr.com; jkamlain@basinenr; lflores@basinenr; lweinheimer@basinenr; cursanic@basinenr; sedwards@basinenr environmental tech: @basinenr		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 #:					

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

#54



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

November 25, 2015

KYLE NORMAN

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: WARREN UNIT SAT. #5

Enclosed are the results of analyses for samples received by the laboratory on 11/24/15 9:45.

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.

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,

Hope S. Moreno For 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:	11/24/2015	Sampling Date:	11/24/2015
Reported:	11/25/2015	Sampling Type:	Soil
Project Name:	WARREN UNIT SAT. #5	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PT. 2 @ 1.5' (H503097-01)

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	11/25/2015	ND	2.02	101	2.00	0.897	
Toluene*	<0.050	0.050	11/25/2015	ND	2.00	99.9	2.00	1.29	
Ethylbenzene*	<0.050	0.050	11/25/2015	ND	2.07	104	2.00	0.196	
Total Xylenes*	<0.150	0.150	11/25/2015	ND	6.10	102	6.00	0.168	
Total BTX	<0.300	0.300	11/25/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	<16.0	16.0	11/24/2015	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	11/25/2015	ND	191	95.5	200	0.827	
DRO >C10-C28	426	10.0	11/25/2015	ND	185	92.7	200	0.693	

Surrogate: 1-Chlorooctane 94.3 % 35-147

Surrogate: 1-Chlorooctadecane 111 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Hope S. Moreno For Caley D. Keene, Lab Director/Quality Manager

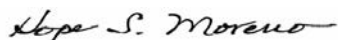
Notes and Definitions

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

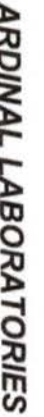
Cardinal Laboratories

*=Accredited Analyte

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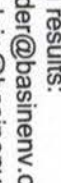
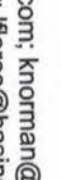
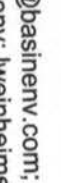

Hope S. Moreno For Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: ConocoPhillips Project Manager: Kyle Norman Address: 419 W Cain City: Hobbs Phone #: 575-393-2967 Project #: Project Name: Project Location: Sample Name:				P.O. #: Company: Basin Attn: Address: 419 W Cain City: Hobbs State: NM Zip: 88240 Phone #: 575-393-2967 Fax #: 575-393-0293			
FOR LAB USE ONLY				Chlorides TPH 8015 M BTEX Texas TPH Complete Cations/Anions TDS			
Lab I.D. H503097		Sample I.D. PH 201 1.51		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		DATE 11-24-15 TIME 8:00	
				MATRIX PRESERV SAMPLING			
Relinquished By: 		Received By: 		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>		CHECKED BY: 	
Relinquished By: Date: 11-24-15 Time: 9:45		Received By: Date: 11-24-15 Time: 9:45		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>		CHECKED BY: 	
Relinquished By: Date: 11-24-15 Time: 9:45		Received By: Date: 11-24-15 Time: 9:45		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>		CHECKED BY: 	
Relinquished By: Date: 11-24-15 Time: 9:45		Received By: Date: 11-24-15 Time: 9:45		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>		CHECKED BY: 	
Relinquished By: Date: 11-24-15 Time: 9:45		Received By: Date: 11-24-15 Time: 9:45		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>		CHECKED BY: 	
Relinquished By: Date: 11-24-15 Time: 9:45		Received By: Date: 11-24-15 Time: 9:45		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>		CHECKED BY: 	
Relinquished By: Date: 11-24-15 Time: 9:45		Received By: Date: 11-24-15 Time: 9:45		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>		CHECKED BY: 	

* Cardinal cannot accept verbal changes. Please fax written changes to 505-391-2476

Kash!

December 10, 2015

KYLE NORMAN

BASIN ENVIRONMENTAL - HOBBS

419 W. CAIN

HOBBS, NM 88240

RE: WARREN UNIT SAT 5

Enclosed are the results of analyses for samples received by the laboratory on 12/04/15 10:08.

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

Received: 12/04/2015
Reported: 12/10/2015
Project Name: WARREN UNIT SAT 5
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 12/02/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: IMPORT SOIL (H503165-01)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/08/2015	ND	400	100	400	0.00	

Cardinal Laboratories

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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

Cardinal Laboratories

*=Accredited Analyte

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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

BILL TO

ANALYSIS REQUEST

Lab I.D. | Sample I.D.

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Appendix C

Photo Documentation

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

ConocoPhillips Warren Unit Satellite 5

Unit Letter F, Section 28, T20S, R38E



Initial release area, facing southwest

1/6/15



Initial release area, facing south

1/6/15



Initial release area, facing north

1/6/15



Excavating, facing south

11/19/15



Hand digging, facing south

11/24/15



Final scrape photo, facing south east

11/30/15



Final scrape photo, facing north east

11/30/15



Importing soil, facing south west

12/1/15



Backfilling pasture, facing west

12/2/15



Backfilling facility, facing north

12/2/15



Seeding pasture, facing north west

12/2/15



Final site photo, facing south east

12/2/15

Appendix D

Final 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: 1410 N West Country Road	Telephone No. 575-746-7248
Facility Name: Warren Unit Satellite 5	Facility Type: Satellite
Surface Owner: NMOCD	Mineral Owner: BLM
API No. 30-025-30473	

LOCATION OF RELEASE

Unit Letter F	Section 28	Township 20S	Range 38E	Feet from the 1940	North/South Line North	Feet from the 2020	East/West Line West	County LEA
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Latitude 32.5462164601454 Longitude 103.155469948588

NATURE OF RELEASE



Type of Release: Spill	Volume of Release: 6.67 BBLs	Volume Recovered: 0 BBLs
Source of Release: transfer pump intake line	Date and Hour of Occurrence 01/03/2015 7:30 am	Date and Hour of Discovery 01/03/2015 1:30 pm
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Tomas Oberding Solomon Hughes	
By Whom? Spencer Cluff	Date and Hour: 01/05/2015 12:15 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 Saturday, January 3, 2015 at 1330 hrs. MST, a spill occurred at the Warren Unit Satellite 5. The spill originated from the transfer pump intake line. All valves were closed to the transfer pump and separator, and the transfer pump power was also disabled at the electrical box. Spill area was 120 ft. x 60 ft. x 1 inch deep for a total of 6.68 BO with none recovered. The spill remained on the caliche pad. The area will be remediated according to NMOCD guidelines.

Describe Area Affected and Cleanup Action Taken.* CAP activities began on November 19th, 2015. The release was scraped to a depth of 1 ft bgs and 2 discreet samples were obtained from the base of the scrape and sent to a commercial laboratory for analysis (Appendix B). The discreet sample at Pt.1 @1' returned a chloride result of <16 mg/kg, GRO and DRO value of <10 mg/kg and a BTEX value of <.03 mg/kg. The discreet sample at Pt.2 @1' returned a chloride result of 64 mg/kg, GRO value of 829 mg/kg, DRO value of 2160 mg/kg and a BTEX value of <.03 mg/kg. The scrape around Pt.2 was then deepened to a depth of 1.5', then a discreet sample was obtained from the base of the 1.5' scrape and taken to a commercial laboratory for analysis. The discreet sample at Pt.2 @1.5' returned a chloride result of <16 mg/kg, GRO value of <10 mg/kg, DRO value of 426 mg/kg and a BTEX value of <.03 mg/kg. Approximately 100 yards was exported to a NMOCD approved facility for disposal. On November 30th, 2015 a request to backfill was submitted to NMOCD and BLM. Basin received backfill approval from NMOCD and from BLM on the same day. Approximately 20 yards top soil and 8 yards caliche were imported to backfill. A sample was taken of the imported soil and sent to a commercial laboratory for analysis. The imported sample returned a chloride result of <16 mg/kg. The scrape was then backfilled with imported materials and contoured to the surrounding area. The pasture area was seeded with native vegetation.

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: Robert Dobbs		Approved by Environmental Specialist: 	
Title: SENM Surface Projects Supervisor		Approval Date: 05/18/2016	Expiration Date: //
E-mail Address: Robert.A.Dobbs@ConocoPhillips.com		Conditions of Approval: ///	
Date: 5/10/16 Phone: 281-455-0821		Attached <input type="checkbox"/> IRP 3486	

* Attach Additional Sheets If Necessary