



**RECEIVED**

By JKeyes at 1:46 pm, May 11, 2016

**APPROVED**

# CONOCOPHILLIPS

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

## Ruby Unit #19 (1RP-3623)

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# Termination Request

API No. 30-025-41015

Release Date: April 30<sup>th</sup>, 2015

Unit Letter I, Section 18, Township 17S, Range 32E



PO Box 2948 | Hobbs, NM 88241 | Phone 575.393.2967

May 9<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 Ruby Unit 19 (1RP-3623)  
UL/I sec. 18 T17S R32E  
API No. 30-025-41015**

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 2.6 miles southwest of Maljamar, New Mexico at UL/I sec. 18 T17S R32E. NM OSE and BLM installed monitor well records indicate that groundwater will likely be encountered at a depth of approximately 145 +/- feet.

On April 30<sup>th</sup>, 2015, CoP discovered a flow line leak. A total of 1.8 barrels of oil and 8 barrels of produced water was released over 668 sq ft of Pasture land. None of the fluid was recovered. BLM and NMOCD were notified of the release on April 30<sup>th</sup>, 2015, and an initial C-141 was submitted to both parties the same day. NMOCD approved the initial C-141 on May 1<sup>st</sup>, 2015 (Appendix A).

On March 1<sup>st</sup>, 2016, Basin personnel were on site to assess the release. Three 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).

On April 5<sup>th</sup>, 2016, a Corrective Action Plan (CAP) was submitted to NMOCD and BLM. The Cap was approved by NMOCD on April 6<sup>th</sup>, 2016 and by BLM on April 7<sup>th</sup>, 2016. Based on the assessment and sampling data, the release will be excavated down at various depths. The area around Point 1 as depicted in (Figure 1), will be excavated to a depth of three and one-half (3.5) feet bgs. The area around Point 2 will be excavated to a depth of one (1) feet bgs. The area around Point 3 will be excavated to a depth of three (3) feet 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 site will be contoured to the surrounding location. The pasture area will be seeded with a blend of native vegetation.

Basin received NMOCD's approval of CAP on April 6<sup>th</sup>, 2016 and BLM's approval on April 7<sup>th</sup>, 2016.

CAP activities began on April 12<sup>th</sup>, 2016. The area around Point 1 was excavated to a depth of three and one-half (3.5) feet bgs, the area around Point 2 to was excavated to a depth of one (1) feet bgs and the area around Point 3 was excavated to a depth of three (3) feet bgs. An approximately 80 yards of excavated soil was exported to an NMOCD approved facility for disposal and on April 13<sup>th</sup>, 2016 an approximately 80 yards top soil was imported for backfill purposes. A sample of the imported material was taken to a commercial laboratory for analysis. The imported sample returned a chloride value of 48 kg/mg. Site was then backfilled with imported material and contoured to the surrounding area. On April 19<sup>th</sup>, 2016 site was seeded with a blend of native vegetation.

Photo documentation of the field activities can be found in Appendix C.

Given that CoP has completed the work stated in the NMOCD and BLM 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 contact me if you have any questions or wish to discuss the site.

Sincerely,



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

Attachments:

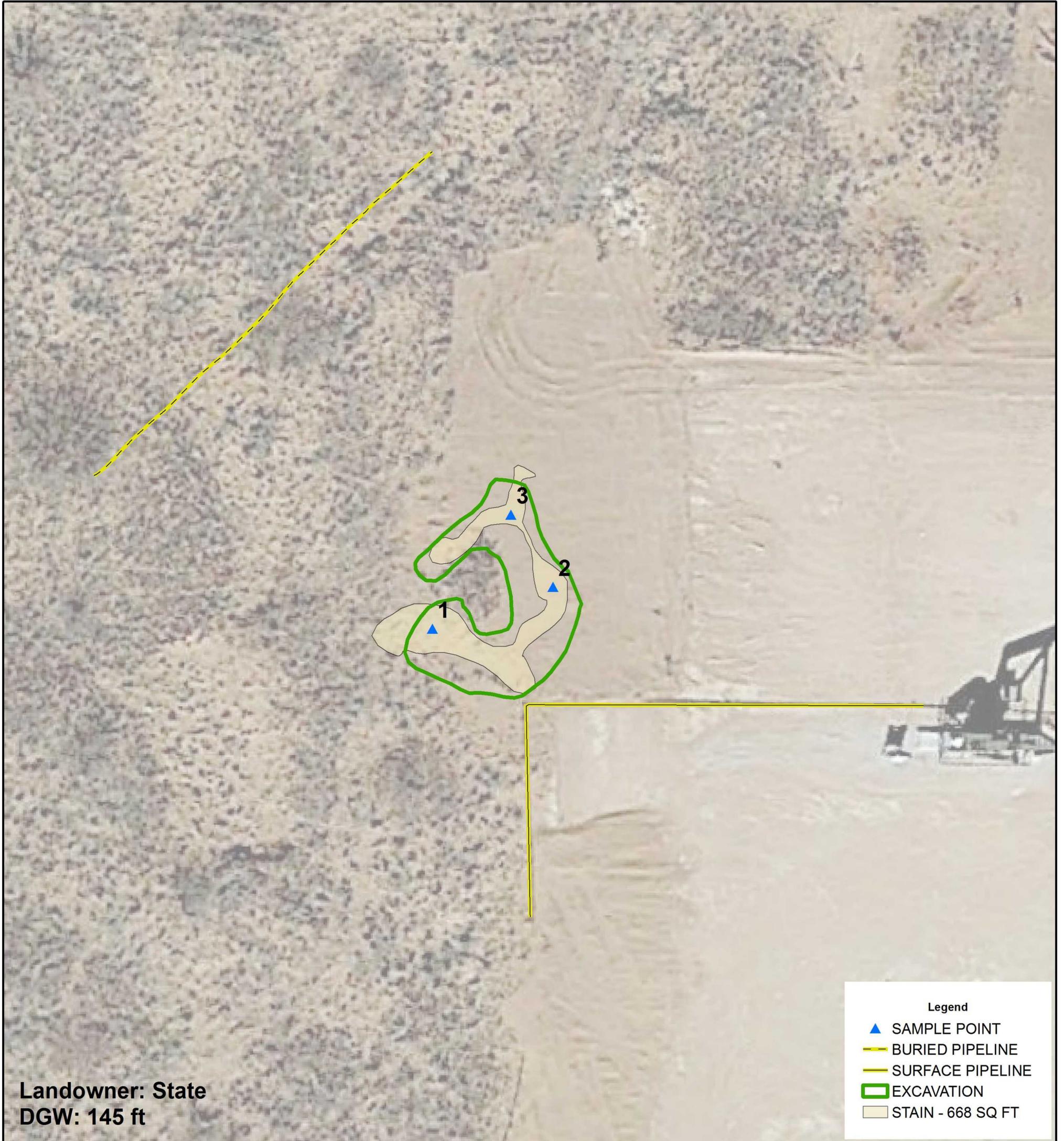
- Figure 1 – Initial Sampling
- Appendix A – Initial C-141
- Appendix B – Laboratory Analysis
- Appendix C – Photo Documentation
- Appendix D – Final C-141



# Figures

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

# Excavation



Landowner: State  
DGW: 145 ft

**Legend**

- ▲ SAMPLE POINT
- BURIED PIPELINE
- SURFACE PIPELINE
- ▭ EXCAVATION
- ▭ STAIN - 668 SQ FT



**CONOCOPHILLIPS**  
**RUBY UNIT #19**  
1RP-3623  
  
UL I SECTION 18  
T-17-S R-32-E  
LEA COUNTY, NM

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

**GPS: 32.831905 -103.798338**

0 25 50 Feet

GPS date: 3/1/16 KN, 4/13/16 KN  
Drawing date: 4/14/16  
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

Form C-141  
Revised August 8, 2011

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

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>Ruby Unit #19</b>	Facility Type: <b>Well</b>
Surface Owner: <b>NMOCD</b>	Mineral Owner: <b>BLM</b>
API No. <b>30-025-41015</b>	

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	18	17S	32E	1650	North	330	East	LEA

Latitude 32.8319050826125,- Longitude 103.798338235027

**NATURE OF RELEASE**

Type of Release: <b>Spill</b>	Volume of Release: <b>8BPW/1.8BO</b>	Volume Recovered: <b>0 BBLS</b>
Source of Release: <b>Flow Line</b>	Date and Hour of Occurrence <b>04/30/2015 9:15 am</b>	Date and Hour of Discovery <b>04/30/2015 9:15 am</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 NMOCD &amp; S Hughes BLM</b>	
By Whom? <b>Jay Garcia</b>	Date and Hour: <b>04/30/2015 2:30 pm</b>	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

**RECEIVED**

**By OCD District 1 at 8:12 am, May 01, 2015**

If a Watercourse was Impacted, Describe Fully.\*

Describe Area Affected and Cleanup Action Taken.\*  
ENV –Agency Reportable – 8 BPW & 1.8 BO – Ruby Unit # 19 – RR II – MCBU – Maljamar:  
On Thursday April 30, 2015 at 9:00 MDT, at Ruby Unit # 19 a flow line leak was found during normal rounds resulting in a release of 8 bbl. of produced water and 1.8 bbl. of oil with none recovered. The affected area will be remediated according to BLM/NMOCD and COPC guidelines. This is a PSE Tier 3 event. Consequence: 1, Likelihood: 5, RR: 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.

		<b>OIL CONSERVATION DIVISION</b>	
Signature: <i>Jay Garcia</i>	Approved by Environmental Specialist: <i>[Signature]</i>		
Printed Name: Jay Garcia	Approval Date: <b>05/01/2015</b>	Expiration Date: <b>08/01/2015</b>	
Title: LEAD HSE	Conditions of Approval:		Attached <input type="checkbox"/> 217817
E-mail Address: <b>jay.c.garcia@conocophillips.com</b>	Site samples required. Delineate and remediate as per MNOCD guides. Geotag photographs of remediation required.		1RP-3623
Date: 04/30/2015	Phone: 575-704-2455		

\* Attach Additional Sheets If Necessary

pKJ1512130746  
nKJ1512130095

# Appendix B

## Laboratory Analysis

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

April 21, 2016

KYLE NORMAN

BASIN ENVIRONMENTAL - HOBBS

419 W. CAIN

HOBBS, NM 88240

RE: RUBY UNIT 19

Enclosed are the results of analyses for samples received by the laboratory on 04/18/16 14:25.

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](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,



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:	04/18/2016	Sampling Date:	04/13/2016
Reported:	04/21/2016	Sampling Type:	Soil
Project Name:	RUBY UNIT 19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	COP		

**Sample ID: IMPORTED SAMPLE (H600840-01)**

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>48.0</b>	16.0	04/20/2016	ND	416	104	400	8.00	

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





# Appendix C

Photo Documentation

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

# ConocoPhillips Ruby Unit #19 (1RP-3623)

Unit Letter I, Section 18, T17S, R32E



Initial Release, Facing East

3/1/2016



Initial Release, Facing North West

3/1/2016



Collecting Sample, Facing North West

3/1/2016



Collecting Sample, Facing North West

3/1/2016



Installing Vertical1, Facing East

3/28/16



Excavating Leak Area, Facing North East

4/12/16



Site Excavated, Facing North West

4/13/16



Importing Soil, Facing North West

4/13/16



Backfilling Excavation, Facing North East 4/13/16



Seeding site, Facing North West 4/19/16



Site Complete, Facing North East 4/19/16

# Appendix D

Final C-141

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

District I  
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Form C-141  
Revised August 8, 2011

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

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**OPERATOR**

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Name of Company: <b>ConocoPhillips</b>	Contact: <b>Jose Zepeda</b>
Address: <b>29 Vacuum Complex Lane</b>	Telephone No. <b>575-391-3165</b>
Facility Name: <b>Ruby Unit #19</b>	Facility Type: <b>Well</b>

Surface Owner: <b>NMOCD</b>	Mineral Owner: <b>BLM</b>	API No. <b>30-025-41015</b>
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By Whom? <b>Jay Garcia</b>	Date and Hour: <b>04/30/2015 2:30 pm</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.\*  
N/A

Describe Cause of Problem and Remedial Action Taken.\*  
ENV – Agency Reportable – 8 BPW & 1.8 BO – Ruby Unit # 19 – RR II – MCBU – Maljamar:  
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Signature: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: <b>Robert Dobbbs</b>	Approved by Environmental Specialist: 	
Title: <b>SENM SURFACE PROJECTS SUPERVISOR</b>	Approval Date: <b>05/11/2016</b>	Expiration Date: <b>///</b>
E-mail Address: <b>Robert.A.Dobbbs@conocophillips.com</b>	Conditions of Approval: <b>///</b>	Attached <input type="checkbox"/> <b>IRP 3623</b>
Date: <b>5/6/2016</b> Phone: <b>281-455-0821</b>		

\* Attach Additional Sheets If Necessary