

CONOCOPHILLIPS

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

EVGSAU 0546-001

Termination Request

API No. 3002526514

Release Date: October 17th, 2013

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



October 30th, 2014

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 EVGSAU 0546-001 UL/B sec. 5 T18S R35E API No. 3002526514

Dr. Oberding:

ConocoPhillips (CoP) has retained Rice Environmental Consulting and Safety (RECS) to address potential environmental concerns at the above-referenced site.

Background and Previous Work

The site is located approximately 2.2 miles southeast of Buckeye, New Mexico at UL/B sec. 5 T18S R35E. NM OSE and BLM records indicate that groundwater will likely be encountered at a depth of approximately 71 +/- feet.

On October 17th, 2013, CoP found a stuffing box leak at the well head. A total of 5.6 barrels of fluid was released and 5 barrels of fluid was recovered. The release affected 1,087 square feet of lease pad. NMOCD was notified of the release on October 18th, 2013, and an initial C-141 was submitted to NMOCD for approval (Appendix A).

RECS personnel were on site on December 9th, 2013 to visually assess the release. Based on this assessment, a Corrective Action Plan (CAP) was submitted to and approved by NMOCD on April 10th, 2014. The CAP stated that the site would be scraped down 6 inches to 1 foot. A composite sample of the release would be taken to a commercial laboratory to confirm that the chloride value and TPH value 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 disposed of at a NMOCD approved facility. The remaining soil would be blended on site to serve as backfill. Clean soil would be imported to the site to replace any soils taken for disposal. A sample of the blended backfill would be taken to a commercial laboratory for analysis to confirm that the constituents were below regulatory standards. The blended backfill would be used to backfill the entire site to ground surface and to contour the site to the surrounding area.

Corrective actions began at the site on May 13th, 2014. The release was scraped down to 6 inches bgs and a composite sample of the bottom of the release was taken to a commercial laboratory for analysis. The laboratory chloride reading returned a value of 560 mg/kg, which was too high for site closure. The release area was then scraped down to 1 foot bgs and another bottom composite of the scrape was taken to a commercial laboratory for analysis (Figure 1). The bottom composite at 1 ft bgs returned a laboratory chloride reading of 144 mg/kg and a GRO and DRO reading of non-detect (Appendix B). A request to backfill the site was sent to NMOCD on June 10th, 2014, and the request was approved on June 11th, 2014.

All excavated soil, a total of 120 cubic yards, was taken to a NMOCD approved facility for disposal. A total of 140 cubic yards of base coarse caliche was imported to the site to serve as backfill. A sample of the base coarse caliche was taken to a commercial laboratory for analysis and returned a chloride value of 160 mg/kg. The site was backfilled with the imported base coarse caliche and contoured to the surrounding location.

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

Given that the site was scraped down to chloride, GRO and DRO levels below regulatory standards and backfilled with clean, imported soil, CoP respectfully requests 'remediation termination' and site closure. A final C-141 can be found in Appendix D.

RECS appreciates the opportunity to work with you on this project. Please call Hack Conder at (575) 393-2967 or me if you have any questions or wish to discuss the site.

Sincerely,

JC.We

Lara Weinheimer Project Scientist RECS (575) 441-0431

Attachments:

Figure 1 – Excavation Data Appendix A – Initial C-141 Appendix B – CAP Labs Appendix C – Photo Documentation Appendix D – Final C-141

Figures

RICE Environmental Consulting and Safety (RECS) P.O. Box 2948, Hobbs, NM 88241 Phone 575.393.2967

Excavation Data



Legend							
CONTROL BOX			5 Pt	. Com	posite		
->- DEADMAN			CI-	PID	GRO	DRO	~
ELECTRICAL BOX		1'	144	1.5		<10	
SAMPLE POINT		-		1.5	-10	-10	
WELLHEAD							
BURIED ELECTRIC LINE							
SURFACE ELECTRIC LINE	CI- FIELD DATA						
SURFACE PIPELINE	CI- LAB DATA						
PUMPJACK							
SCRAPE @ 1 ft STAIN (1,087 sq ft)	Landowner: State DGW: 71 ft	CNES	Airbus D	S, USDA		, i-cubed, Earthstar EX, Getmapping, A nunity	
	CONOC	OPI	HIL	LIP	s Fi	gure 1	W
RECS	EVGSAU	05	46-	00	1		V S

Appendix A Initial C-141

RICE Environmental Consulting and Safety (RECS) P.O. Box 2948 Hobbs, NM 88241 Phone 575.393.2967 State of New Mexico Energy Minerals and Natural Resources

> 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.

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			Rei	ease nound	cation					1 -	<u> </u>			
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		SAU 0546-0				Facility Type: oil well								
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				<i>.</i>		FION OF RELEASE								
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By Whom? David May						Date and Hour: 10/18/13 1:30 pm								
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Appendix B

RICE Environmental Consulting and Safety (RECS) P.O. Box 2948 Hobbs, NM 88241 Phone 575.393.2967



June 03, 2014

LAURA FLORES RICE ENVIRONMENTAL CONSULTING & SAFETY LLC 419 W. CAIN HOBBS, NM 88240

RE: EVGSAU 0546-001

Enclosed are the results of analyses for samples received by the laboratory on 05/28/14 16:10.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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. Keine

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:	05/28/2014	Sampling Date:	05/28/2014
Reported:	06/03/2014	Sampling Type:	Soil
Project Name:	EVGSAU 0546-001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CONOCO		

Sample ID: 5 PT. BOTTOM COMP @ 1' (H401634-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/29/2014	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/29/2014	ND	190	94.9	200	1.85	
DRO >C10-C28	<10.0	10.0	05/29/2014	ND	199	99.3	200	0.141	
Surrogate: 1-Chlorooctane	90.2	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	94.3	% 63.6-15	4						

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 whatscever 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 whoto limitation, business interruptors, loss of growths incurred by client, its subsidiaries, affiliates or successor 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. Keine

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 sample identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 2476 (225) 673-7001 FAX (325)673-7020

(505) 393-2326 FAX (505) 393-24	0	(32	5) 0	10-1						BI	LL	10				-	A	NAL	YSIS R	EQUEST	1 1	-	\neg			
Company Name: REC5	-					-	P.	0. #													1 1		- 1			
Project Manager: Laura Flores , Kyle Norman							Company:						1			S										
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affiliates or successors artsing out of or related to the performa Relinquished By: Relinquished By: Relinquished By:	Date: Time:	Received By: Received By:	Phone Result: Yes No Addriver Fax Result: Yes No Addriver 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;
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition CHEC Cool Infact In Ves Ves No	ED BY: cursanic@rice-ecs.com Environmental Tech: cflores@rice-ecs.com

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



June 26, 2014

LAURA FLORES RICE ENVIRONMENTAL CONSULTING & SAFETY LLC 419 W. CAIN HOBBS, NM 88240

RE: EVGSAU 0546-001

Enclosed are the results of analyses for samples received by the laboratory on 06/24/14 10:22.

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 accreditated 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. Keine

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:	06/24/2014	Sampling Date:	06/24/2014
Reported:	06/26/2014	Sampling Type:	Soil
Project Name:	EVGSAU 0546-001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CONOCO		

Sample ID: IMPORTED BASE COARSE BACKFILL (H401885-01)

Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/25/2014	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 daim 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 whatscever 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 whose shall be instrumed by client, its subsidiaries, affiliates or successor 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. Keine

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. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

E

RDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

	(505) 393-2326 FAX (505) 393-2476 (325) 673-7001					Î	BILL TO					ANALYSIS REQUEST					_									
Company Name:		_					-	P.O. #:																		
Project Manager:	Laura Flores Kyle Norman	_					-										S									
Address:								Company:							1	5										
City: Hobbs	State: NM	Zip:	88	240			- f	Attn:	tn: Idress:								Ē	S								
Phone #:	Fax #:						- 1	Addr			dress:		ess:				Σ	-	A							
Project #:	Project Owner:						_	City:	-	_			S	5		1	ns									
Project Name:	onoco Phillips													State	e:	-	Zip:		Chlorides	1	BTEX	Texas TPH	Cations/Anions	S		
Project location	: EVGSAU 0546-001		_	_				Phone #:			ori	801	H	as	a	TDS		-								
Sampler Name:	Chris Flores						-	Fax #:				-		F	HH	B	X									
FOR LAB USE ONLY	MATRIX		(P	RES	ERV.	SAMPL	NG	0	린		Ĕ	ete													
Lab I.D. H401895	Sample I.D.	(G)RAB OR (C)ON	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER :	ACID/BASE:	OTHER :	DATE	TIME	X				Complete									
	Imported Base Coarse Backfill		1								6-24-14	\$'.30Aw														

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 consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

service. In no event shall Cardinal be labeled in the behavior of affiliates or successors arising out of or related to the performance of the service of t	nce of services hereunder by Cardinal, re-	pardless of whether such claim is based upon any o	Phone Result: Yes V No Add'I Ph Fax Result: Yes No Add'I Fa	
Relinquished By:	10-24-2014	an · MI MA	REMARKS:	
Relinquished By:	Time: 222 Date: Rece Time:	Sived By:	email: hconder@riceswd.com lweinheimer@rice-ecs.com; kn ikamplain@rice-ecs.com; sedv	orman@rice-ecs.com;
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	3.2°c	Cool datact	cursanic@rice-ecs.com	offeres @rice-ecs.com

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

Appendix C Photo Documentation

RICE Environmental Consulting and Safety (RECS) P.O. Box 2948 Hobbs, NM 88241 Phone 575.393.2967

ConocoPhillips EVGSAU 0546-001 Unit Letter B, Section 5, T18S, R35E



Initial release area, facing southwest

12/9/13



Initial site photo, facing southeast



Initial release area, facing southwest

12/9/13



Scraping to 6 inches bgs, facing northwest 5/13/14



Exporting soil, facing east

5/13/14



Excavation completed to 1 foot bgs, facing west 6/11/14



Scraping to 1 foot bgs, facing south

6/10/24



Importing caliche, facing southeast

6/23/14



Backfilling site, facing southeast

6/23/14



Site completed, facing northeast

6/24/14

Appendix D Final C-141

RICE Environmental Consulting and Safety (RECS) P.O. Box 2948 Hobbs, NM 88241 Phone 575.393.2967 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.

				5	anta re, inivi o/.	505				
			Rel	ease Notifi	cation and Co	orrective A	ction			
					OPERA	TOR	🗌 Initi	al Report	Final Report	
Name of C	ompany	ConocoPhil	lips		Contact S	Contact Sean Robinson				
Address 2	29 Vacuum	n Complex L	ane		Telephone	Telephone No. 575-390-8873				
Facility Na	me EVG	SAU 0546-0	001		Facility Typ	Facility Type oil well				
Surface Owner State Mineral Owner					Owner	A			PI No. 3002526514	
				LOCA	TION OF RE	LEASE				
Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County		
В	5	185	35E	1100	North	1600	East	Lea		
			Latitu	de_32.7811394	316077_Longitud	le103.476475	577022			
				NAT	URE OF REL	EASE				
Type of Rele	ease Spill				Volume of	Volume of Release 5.6 BBLS		Volume Recovered 5 BBLS		
Source of Re	elease Stuf	fing box			Date and H 10/17/13	Date and Hour of Occurrence 10/17/13 8:25 am		Date and Hour of Discovery SAME		
Was Immedi	ate Notice (Given?	1.11.1	Annuari	If YES, To	Whom?				

Geoffrey Leking

Date and Hour 10/18/13 1:30 pm

If YES, Volume Impacting the Watercourse.

🗌 Yes 🛛 No

If a Watercourse was Impacted, Describe Fully.*

By Whom? David May

Was a Watercourse Reached?

Describe Cause of Problem and Remedial Action Taken.*

MSO found the stuffing box packing leaking on the EVGSAU 0546-001. MSO isolated well and replaced packing.

Yes 🗌 No 🗌 Not Required

Describe Area Affected and Cleanup Action Taken.*

The release affected 1,087 square feet of lease pad. RECS personnel were on site on December 9th, 2013 to visually assess the release. Based on this assessment, a Corrective Action Plan (CAP) was submitted to and approved by NMOCD on April 10th, 2014. Corrective actions began at the site on May 13th, 2014. The release area was scraped down to 1 foot bgs and a bottom composite of the scrape was taken to a commercial laboratory for analysis. The bottom composite at 1 ft bgs returned a laboratory chloride reading of 144 mg/kg and a GRO and DRO reading of non-detect. A request to backfill the site was sent to NMOCD on June 10th, 2014, and the request was approved on June 11th, 2014. All excavated soil, a total of 120 cubic yards, was taken to a NMOCD approved facility for disposal. A total of 140 cubic yards of base coarse caliche was imported to the site to serve as backfill. A sample of the base coarse caliche was taken to a commercial laboratory for analysis and returned a chloride value of 160 mg/kg. The site was backfilled with the imported base coarse caliche and contoured to the surrounding location.

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.

<i>.11</i>	OIL CONSERVATION DIVISION Approved by Environmental Specialist:			
Printed Name: SEAN TLOREN JON				
Title: OPERATIONS SUPERSTR	Approval Date:	Expiration Date:		
E-mail Address: 5001 f, 106 1950 - Cop. Con Date: 9/2/14 Phone: 575 - 390 - 5873	Conditions of Approval:	Attached		

* Attach Additional Sheets If Necessary