

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: Sean Robinson
Address: 29 Vacuum Complex Lane	Telephone No. 575-390-8873
Facility Name: Philmex #9 SWD	Facility Type: SWD

Surface Owner: State	Mineral Owner: N/A	API No. 3002520516
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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
B	26	17S	33E	660	North	1980	East	LEA

Latitude 32.811160152804 Longitude 103.631763148299

**NATURE OF RELEASE**

Type of Release: Spill	Volume of Release: 13.68 BBLS	Volume Recovered: 10 BBLS
Source of Release: 500 BBL tank	Date and Hour of Occurrence 10/11/2013 5:25 am	Date and Hour of Discovery SAME
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Geoffrey Leking	
By Whom? David May	Date and Hour: 10/11/2013 2:00 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.\*  
N/A

Describe Cause of Problem and Remedial Action Taken.\*

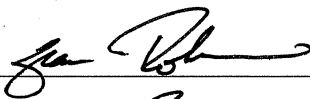
On Friday October 11, 2013 @ 0525 hrs a release occurred at Philmex #9 SWD Located ~ 10 miles north east of the Maljamar Production Office. Contract Vacuum truck driver notified COPC Employee that the SWD tank at the Philmex #9 SWD had ran over. Employee immediately notified Supervisor and HSE Lead. Spill amount was ~ 13.68 BBLS of Produced Water with 10 BBLS of produced water recovered. Spill area was contained inside the diked area.

Describe Area Affected and Cleanup Action Taken.\* The release affected a total of 1,965 square feet of diked containment area. RECS personnel were on site beginning on January 8<sup>th</sup>, 2014 to assess the release. Three points within the release were hand augered to 1.5 ft. Based on the initial sampling, the area was scraped to 1 ft bgs and 15 cubic yards of contaminated soil was taken to a NMOCD approved facility for disposal. A final five point composite sample was taken at the base of the scrape and sent to a commercial laboratory for analysis. Base coarse caliche was imported to the site to serve as backfill. A composite sample from the imported base coarse caliche was taken to a commercial laboratory for analysis. The imported base coarse caliche returned a laboratory chloride reading of 48 mg/kg. On August 7<sup>th</sup>, 2014, RECS requested permission to backfill the site from NMOCD. NMOCD approved the site to be backfilled on August 8<sup>th</sup>, 2014. The remainder of the contamination will be remediated as site abandonment.

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:



Printed Name:

SEAN ROBINSON

Title:

OPS SUPERVISOR

Approved by Environmental Specialist:

Approval Date:

Expiration Date:

E-mail Address:

sean.t.robinson @ cop. ca

Conditions of Approval:

Attached ☐

Date:

11/18/14

Phone: 575 390 8873

\* Attach Additional Sheets If Necessary

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Address: 29 Vacuum Complex Lane	Telephone No. 575-390-8873
Facility Name: Philmex #9 SWD	Facility Type: SWD

Surface Owner: State	Mineral Owner: N/A	API No. 3002520516
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**LOCATION OF RELEASE**

Unit Letter B	Section 26	Township 17S	Range 33E	Feet from the 660	North/South Line North	Feet from the 1980	East/West Line East	County LEA
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Latitude 32.8111601528043 Longitude 103.631763148299

**NATURE OF RELEASE**

Type of Release: Spill	Volume of Release: 15 BBLS	Volume Recovered: 13 BBLS
Source of Release: 500 BBL tank	Date and Hour of Occurrence 10/11/13 9:45 pm	Date and Hour of Discovery SAME
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Geoffrey Leking	
By Whom? David May	Date and Hour: 10/14/13 10:30 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.\*

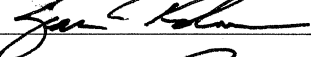
Describe Cause of Problem and Remedial Action Taken.\*

Spill was caused by a piece of rubber lodging inside of disposal pump causing it to lock down. MSO Shut in lease and other incoming fluids.

Describe Area Affected and Cleanup Action Taken.\* The release affected a total of 1,965 square feet of diked containment area. RECS personnel were on site beginning on January 8<sup>th</sup>, 2014 to assess the release. Three points within the release were hand augered to 1.5 ft. Based on the initial sampling, the area was scraped to 1 ft bgs and 15 cubic yards of contaminated soil was taken to a NMOCD approved facility for disposal. A final five point composite sample was taken at the base of the scrape and sent to a commercial laboratory for analysis. Base coarse caliche was imported to the site to serve as backfill. A composite sample from the imported base coarse caliche was taken to a commercial laboratory for analysis. The imported base coarse caliche returned a laboratory chloride reading of 48 mg/kg. On August 7th, 2014, RECS requested permission to backfill the site from NMOCD. NMOCD approved the site to be backfilled on August 8<sup>th</sup>, 2014. The remainder of the contamination will be remediated as site abandonment.

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**OIL CONSERVATION DIVISION**

Signature:   
Printed Name: SEAN ROBINSON

Approved by Environmental Specialist:

Title: OPS SUPERVISOR

Approval Date:

Expiration Date:

E-mail Address: sean.t.robinson@cop.com

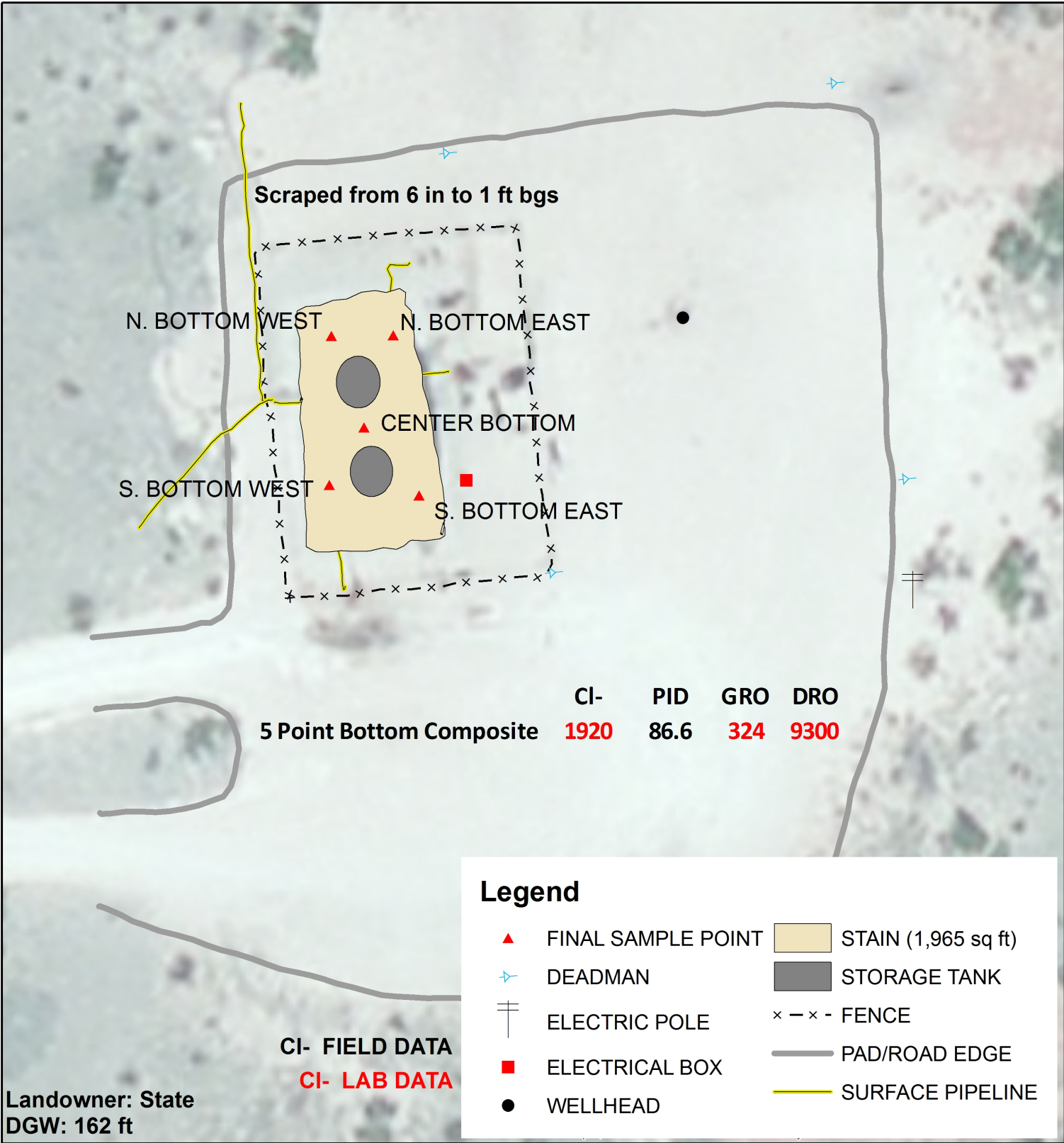
Conditions of Approval:

Attached ☐

Date: 11/18/14 Phone: 575 390 8873

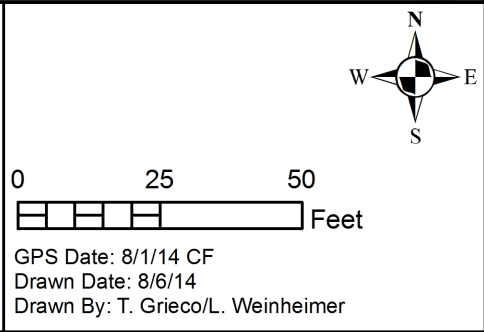
\* Attach Additional Sheets If Necessary

# Excavation Data



**CONOCOPHILLIPS**  
**PHILMEX #9**

UL B SECTION 26  
T-17-S R-33-E  
LEA COUNTY, NM



August 06, 2014

KYLE NORMAN

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: PHILMEX #9 SWD

Enclosed are the results of analyses for samples received by the laboratory on 08/05/14 8:30.

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](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:**

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

Received: 08/05/2014  
Reported: 08/06/2014  
Project Name: PHILMEX #9 SWD  
Project Number: NONE GIVEN  
Project Location: CONOCO PHILLIPS

Sampling Date: 08/01/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: 5 PT. BOTTOM COMP (H402387-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1920	16.0	08/05/2014	ND	400	100	400	0.00		
TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	324	100	08/05/2014	ND	201	101	200	3.43		
DRO >C10-C28	9300	100	08/05/2014	ND	209	105	200	6.60		

Surrogate: 1-Chlorooctane 143 % 65.2-140

Surrogate: 1-Chlorooctadecane 272 % 63.6-154

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

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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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Cardinal Laboratories

\*=Accredited Analyte

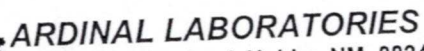
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Celey D. Keene, Lab Director/Quality Manager





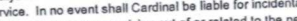


RDINAL LABORATORIES  
101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603  
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[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.

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Relinquished By: 	Date: 8-5-2014 Time: 8:30	Received By: 	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	CHECKED BY:  (Initials)	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: cflores @rice-ecs.com

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

#54

September 08, 2014

KYLE NORMAN

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: PHILMEX #9 SWD

Enclosed are the results of analyses for samples received by the laboratory on 08/29/14 13:25.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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Sincerely,



Celey D. Keene

Lab Director/Quality Manager



**Analytical Results For:**

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

Received: 08/29/2014  
Reported: 09/08/2014  
Project Name: PHILMEX #9 SWD  
Project Number: NONE GIVEN  
Project Location: CONOCO PHILLIPS

Sampling Date: 08/29/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: IMPORTED BASE COARSE (H402680-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/04/2014	ND	416	104	400	3.92	

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

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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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Cardinal Laboratories

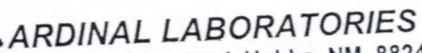
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Celey D. Keene, Lab Director/Quality Manager

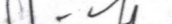




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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's acknowledgment of the above written changes to 505-393-2476

Relinquished By: 		Date: 8-29-2014	Received By: 	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By:		Time: 1:25	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)		Date:	Checked By: (Initials) 	REMARKS:	
Sampler - UPS - Bus - Other:		Time:	Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	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: cflores @rice-ecs.com	

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

#54



# ConocoPhillips Philmex #9 SWD

Unit Letter B Section 26, T17S, R33E



Inside Battery, facing northeast

1/8/14



Hand Auger pt. 2, facing west

1/8/14



Collecting composite sample, facing southwest

4/4/14



Exporting spoiled material, facing east

4/24/14





Backfilling battery, facing west

8/29/14



Final photo, facing southwest

9/4/14



Final photo, facing northeast

9/4/14



Final photo, facing east

9/4/14