

## Bratcher, Mike, EMNRD

---

**From:** Lara Weinheimer <lweinheimer@rice-ecs.com>  
**Sent:** Wednesday, September 18, 2013 3:37 PM  
**To:** 'Burton, Michael'; Bratcher, Mike, EMNRD  
**Cc:** Warren, JeanMarie, EMNRD; 'Hack Conder'; 'Wall, Fred'; 'Jacob Kamplain'  
**Subject:** Final Report for the Linn V.L. Foster #11 2RP-1866  
**Attachments:** Final Report Linn V.L. Foster #11 2RP-1866.pdf

**Categories:** Blue Category

Attached in the final C-141 for the Linn V.L. Foster #11. I added some additional information to the final C-141 (photos, labs, maps, etc.) for verification of field activities. If you have any questions or concerns, please let us know. Otherwise, we'll wait on your approval.

M. Bratcher, this site termination will be on the agenda for Friday; I will send you a hard copy of this data today.

Thanks!

Lara Weinheimer  
Rice Environmental Consulting & Safety  
Project Scientist  
419 West Cain  
Hobbs, NM 88240  
(575) 441-0431

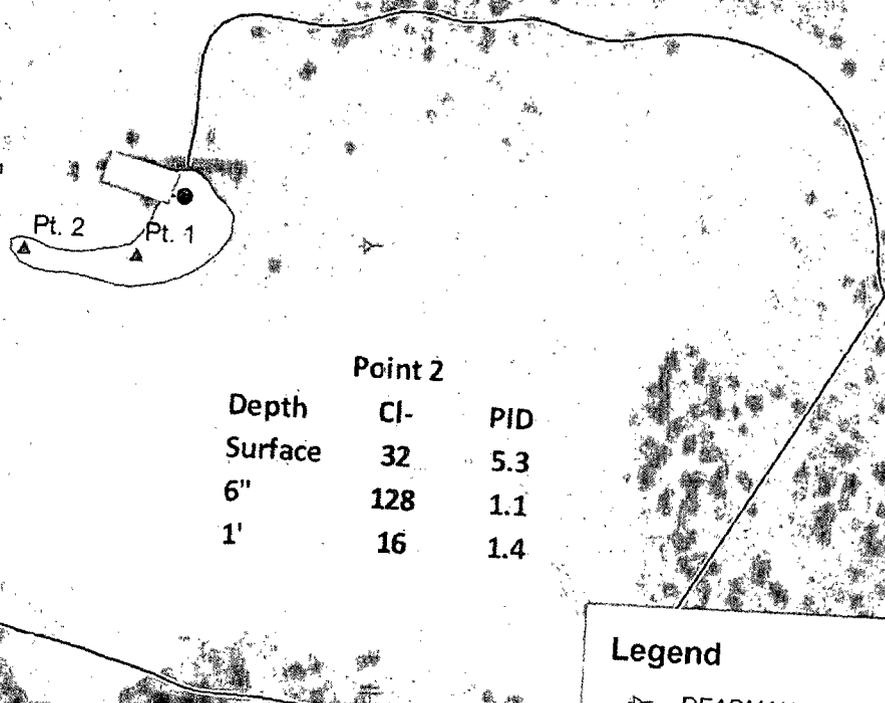
RECEIVED

SEP 19 2013

# Initial Sampling Data

NMOCD ARTESIA

Point 1		
Depth	Cl-	PID
Surface	7730	1675
6"	2950	1804
1'	1609	465
1.5'	407	388
2'	64	11.5
2.5'	32	6.3



Point 2		
Depth	Cl-	PID
Surface	32	5.3
6"	128	1.1
1'	16	1.4

### Legend

- DEADMAN
- ELECTRIC POLE
- ELECTRICAL BOX
- SAMPLE POINT
- WELLHEAD
- SURFACE PIPELINE
- PUMPJACK
- STAIN (623 sq ft)

Landowner: BLM  
DGW: None

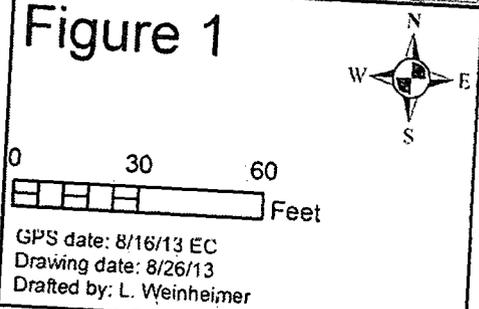
Cl- FIELD DATA  
Cl- LAB DATA

Source: Esri, DigitalGlobe, GeoEye, i-cub, Getmapping, Aerogrid, IGN, IGP, swisstopo



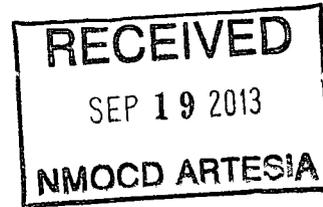
**LINN V.L.  
FOSTER #11**  
 LEGALS: UL/H sec. 17  
 T17S R31E  
 EDDY COUNTY, NM  
 NMOCD Case #: 2RP-1866

## Figure 1



August 26, 2013

HACK CONDER  
RICE ENVIRONMENTAL CONSULTING & SAFETY LLC  
419 W. CAIN  
HOBBS, NM 88240



RE: V. L. FOSTER #11

Enclosed are the results of analyses for samples received by the laboratory on 08/20/13 8:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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  
 HACK CONDER  
 419 W. CAIN  
 HOBBS NM, 88240  
 Fax To: (575) 397-1471

 Received: 08/20/2013  
 Reported: 08/26/2013  
 Project Name: V. L. FOSTER #11  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVVEN

 Sampling Date: 08/16/2013  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: PT. 1 SURFACE (H301979-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7730	16.0	08/22/2013	ND	416	104	400	0.00		

**Sample ID: PT. 1 2' (H301979-02)**

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	08/22/2013	ND	416	104	400	0.00		

**Sample ID: PT. 1 2.5' (H301979-03)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/22/2013	ND	416	104	400	0.00		

**Sample ID: PT. 2 SURFACE (H301979-04)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/22/2013	ND	416	104	400	0.00		

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

**Analytical Results For:**

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

Received:	08/20/2013	Sampling Date:	08/16/2013
Reported:	08/26/2013	Sampling Type:	Soil
Project Name:	V. L. FOSTER #11	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVVEN		

**Sample ID: PT. 2 6" (H301979-05)**

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/22/2013	ND	416	104	400	0.00	

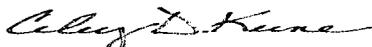
**Sample ID: PT. 2 1' (H301979-06)**

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	08/22/2013	ND	416	104	400	3.92	

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**

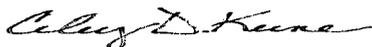
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported 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



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

Company Name: <b>LINN ENERGY</b>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>											
Project Manager: _____ X		P.O. #:		CHLORIDES X											
Address:		Company: <b>RECS</b>													
City:	State:	Zip:	Attn:												
Phone #:	Fax #:	Address:													
Project #:	Project Owner:		City:												
Project Name:		State:	Zip:												
Project Location: <b>V.L. FOSTER #11</b>		Phone #:													
Sampler Name: <b>EDWARD CESAREO</b>		Fax #:													
FOR LAB USE ONLY															
Lab I.D.	Sample I.D.	(C/RAB OR (C)COMP. # CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME		
H301979	V.L. FOSTER #11														
1	Pt. 1 Surface	9			/				/			8-16-13	10:10		
2	Pt. 1 2'	8			/				/				10:05		
3	Pt. 1 2.5'	8			/				/				10:10		
4	Pt. 2 Surface	8			/				/				10:20		
5	Pt. 2 6"	8			/				/				10:25		
6	Pt. 2 1'	8			/				/				10:30		

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

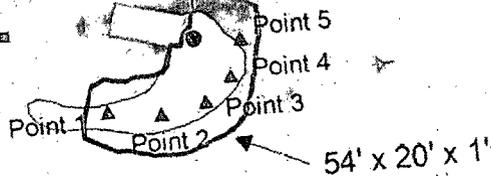
Relinquished By: <i>Zach Cano</i>	Date: <i>8-16-13</i>	Received By: <i>Jodi Henson</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <i>8:35</i>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS: <i>Hcondew@riceswd.com Lweinheimer@rice-ecs.com</i>	
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other:	Cool <input type="checkbox"/> Intact <input type="checkbox"/>	(Initials)		
	<input type="checkbox"/> Yes <input type="checkbox"/> No	<i>[Signature]</i>		

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

# Excavation

5 Point Bottom Composite @ 1'

Cl-	GRO	DRO	B	T	E	X	BTEX
224	<10	19.5	<0.05	<0.05	<0.05	<0.15	<0.3



## Legend

- △ FINAL SAMPLE POINTS
- ⋈ DEADMAN
- ⋈ ELECTRIC POLE
- ELECTRICAL BOX
- WELLHEAD
- SURFACE PIPELINE
- ▭ SCRAPE
- ▭ PUMPJACK
- ▭ STAIN (623 sq ft)

Landowner: BLM  
DGW: None

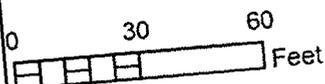
Cl- LAB DATA

Source: Esri, DigitalGlobe, GeoEye, Earthstar, CNR, IGN, IGP, swisstopo



**LINN V.L.  
FOSTER #11**  
LEGALS: UL/H sec. 17  
T17S R31E  
EDDY COUNTY, NM  
NMOCD Case #: 2RP-1866

Figure 2



GPS date: 8/16/13 EC  
Drawing date: 8/27/13  
Drafted by: L. Weinheimer



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

---

August 27, 2013

HACK CONDER

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: V. L. FOSTER #11

Enclosed are the results of analyses for samples received by the laboratory on 08/26/13 12:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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](http://www.tceq.texas.gov/field/ga/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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, sweeping initial 'C'.

Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

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

Received:	08/26/2013	Sampling Date:	08/26/2013
Reported:	08/27/2013	Sampling Type:	Soil
Project Name:	V. L. FOSTER #11	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVVEN		

**Sample ID: 5 PT. COMP (H302053-01)**

BTEX 8021B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2013	ND	2.20	110	2.00	6.60		
Toluene*	<0.050	0.050	08/27/2013	ND	2.14	107	2.00	6.10		
Ethylbenzene*	<0.050	0.050	08/27/2013	ND	2.18	109	2.00	6.27		
Total Xylenes*	<0.150	0.150	08/27/2013	ND	6.47	108	6.00	6.45		
Total BTEX	<0.300	0.300	08/27/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 104 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	08/27/2013	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: AR/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	08/27/2013	ND	191	95.7	200	3.91		
DRO >C10-C28	19.5	10.0	08/27/2013	ND	186	93.0	200	5.56		

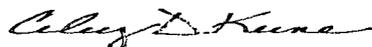
Surrogate: 1-Chlorooctane 86.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 90.8 % 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**

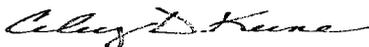
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported 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



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

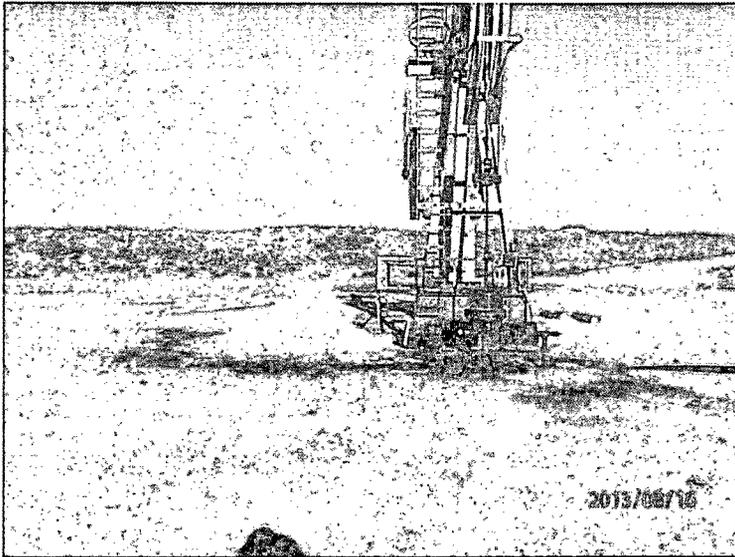
Company Name: <u>Linn Energy</u>		<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																							
Project Manager: <u>Steve Flemming</u>		P.O. #:																											
Address:		Company: <u>RECS</u>																											
City:	State:	Zip:	Attn:																										
Phone #:	Fax #:		Address:																										
Project #:	Project Owner:		City:																										
Project Name:		State:		Zip:																									
Project Location: <u>V.L. Foster #11</u>		Phone #:		Fax #:																									
Sampler Name: <u>Chris Flores</u>		Fax #:																											
FOR LAB USE ONLY																													
Lab I.D.	Sample I.D.	(GRAB OR (COMP. # CONTAINERS	MATRIX															PRESERV		SAMPLING									
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:	DATE	TIME																
<u>H3D2053</u>	<u>S Paint Comp</u>	<u>C</u>			<u>/</u>							<u>8-26-2013</u>	<u>10:30am</u>	<u>Chloride</u>	<u>TPH</u>	<u>BTEX</u>													
<u>1</u>														<u>X</u>	<u>X</u>	<u>X</u>													

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.

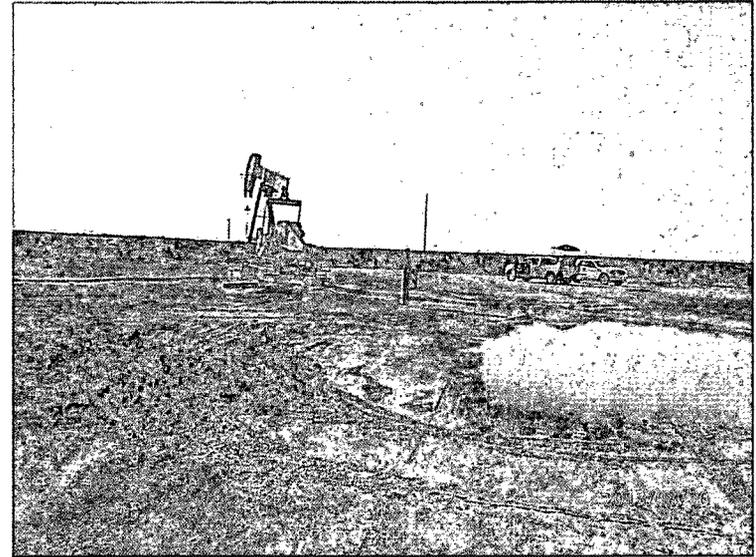
Relinquished By: <u>Chris Flores</u>	Date: <u>8-26-2013</u>	Received By: <u>Jodi Henson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <u>12:00</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS: <u>JKamplain</u> <u>Rweilheimer</u> <u>cflores</u>	
	Time:		<b>RUSH!!!</b>	
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other:	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	<u>JA</u>		

† Ca I cannot accept verbal changes. Please fax written changes to (575) 393-2326  
#54

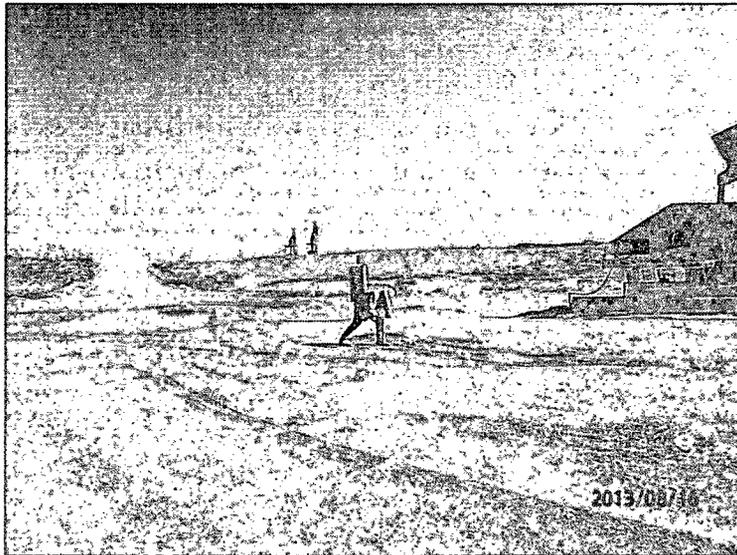
**Linn V.L. Foster #11**  
Unit Letter H, Section 17, T17S, R31E



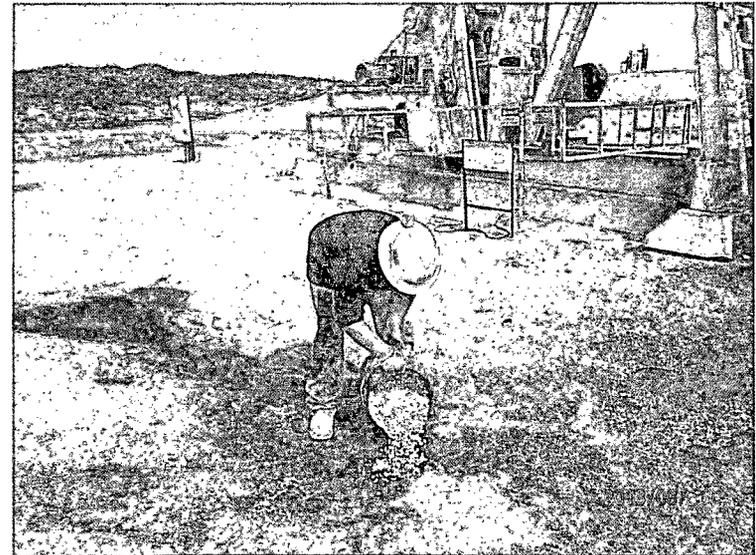
Initial release area, facing west 8/16/13



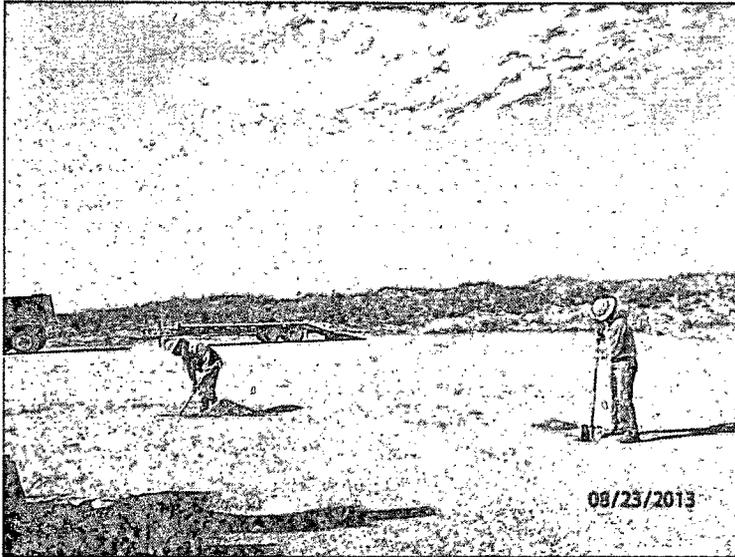
Initial release area, facing southeast 8/16/13



Auguring sample, facing northeast 8/16/13

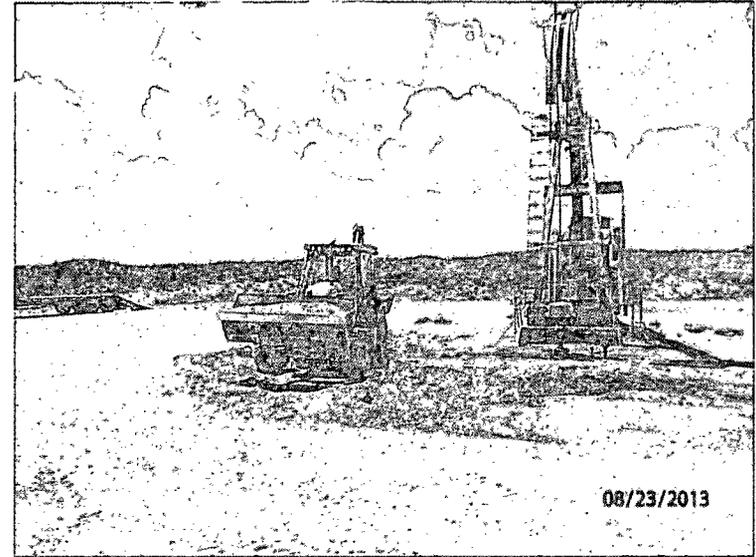


Plugging the augur in total with bentonite, facing NW 8/16/13



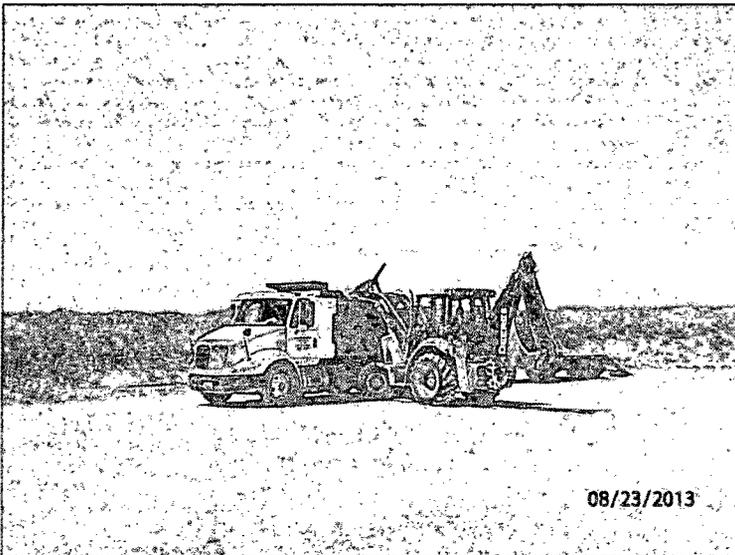
Spotting lines, facing south

8/23/13



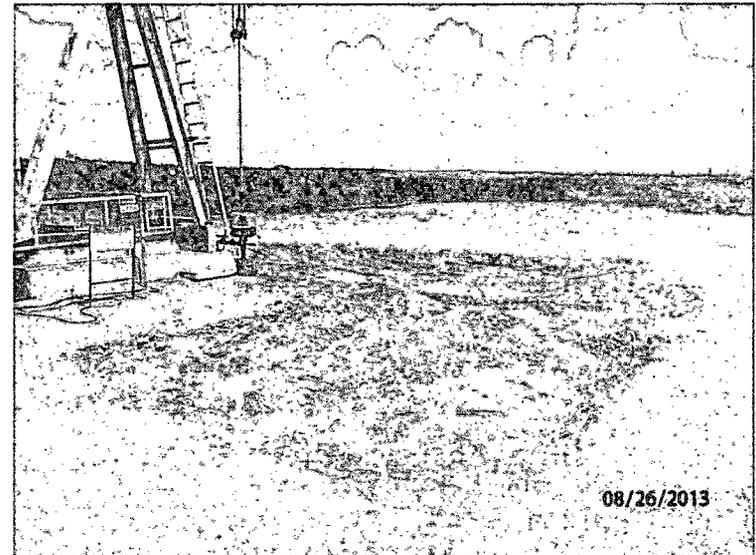
Excavating site, facing southwest

8/23/13



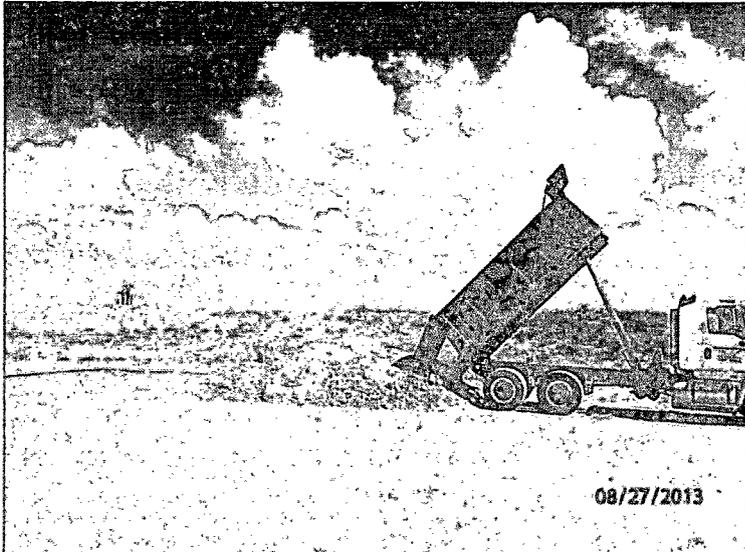
Exporting soil, facing southwest

8/23/13



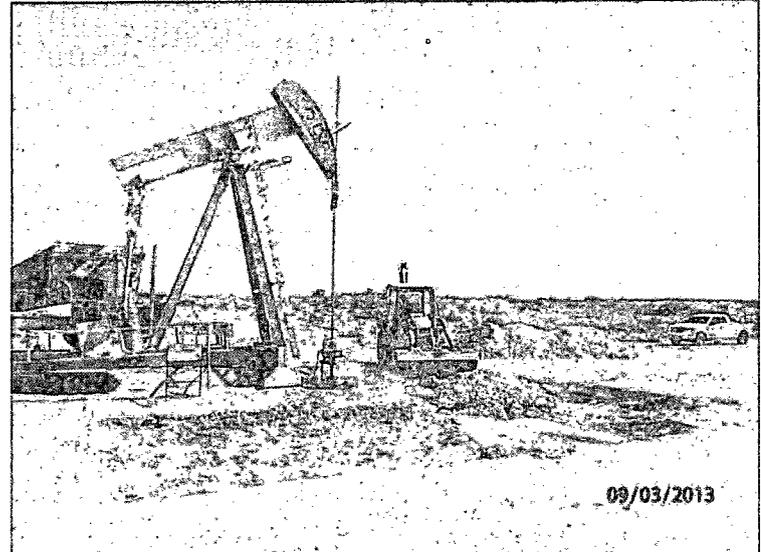
Final excavation, facing northeast

8/26/13



Importing caliche, facing north

8/27/13



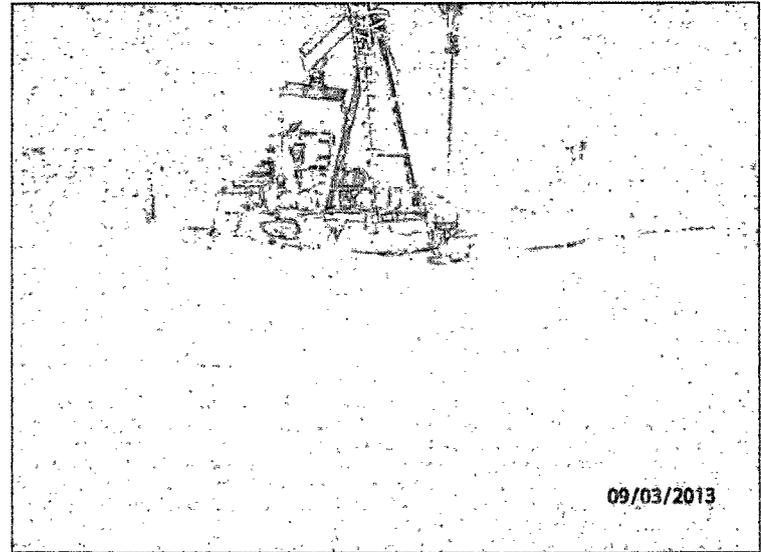
Backfilling site, facing northeast

9/3/13



Site backfilled, facing east

9/3/13



Site backfilled, facing northwest

9/3/13

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87604  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

**RECEIVED**  
SEP 19 2013  
NMOCD ARTESIA

State of New Mexico  
Minerals and Natural Resources  
Oil Conservation Division  
220 South St. Francis Dr.  
Santa Fe, NM 87505

**RECEIVED**  
AUG 22 2013  
NMOCD ARTESIA

Form C-141  
Revised October 10, 2003  
Copy to appropriate District Office in accordance with 19.15.29 NMAC

**Release Notification and Corrective Action**

*JMW* 1323841579

**OPERATOR**  Initial Report  Final Report

Name of Company: <i>Lin Energy 269324</i>	Contact: Brian Wall
Address: 2130 W. Bender Hobbs, NM 88240	Telephone No.: 575-738-1739
Facility Name: VL Foster # 11	Facility Type: Oil Producer
Surface Owner: Federal	Mineral Owner:
API No.: 3001529648	

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	17	17S	31E	1600	North	1050	East	Eddy

Latitude: 32.8373966652805 Longitude: -103.886812350343

**NATURE OF RELEASE**

Type of Release: Oil / Produced Water	Volume of Release: 5 bbl/56bl	Volume Recovered: 070
Source of Release: Stuffing Box	Date and Hour of Occurrence: 08/15/2013 10:00am	Date and Hour of Discovery: 08/15/2013 10:00am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Burton	
By Whom? Brian Wall	Date and Hour 08/15/2013 3:00pm	
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: Arrived at location at approximately 10:00am and found that stuffing box had leaked due to liner getting stuck in ON position and pumping oil. Approximately 1 bbl on ground on pad near well head combined water and oil. Replaced liner and returned to normal operation for unit.		
Describe Area Affected and Cleanup Action Taken: Impact area west of well head T&I 3		

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>[Signature]</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Brian Wall	Approved by District Supervisor:	Signed By: <i>[Signature]</i>
Title: Construction Foreman II	Approval Date: <b>AUG 26 2013</b>	Expiration Date:
E-mail Address: bwall@linenergy.com	Conditions of Approval:	Attached: <input type="checkbox"/>
Date: 08/15/2013 Phone: 806-367-0645	Remediation per OCD Rule & Guidelines & like approval by BLM. <b>SUBMIT REMEDIATION PROPOSAL NO LATER THAN:</b>	

September 26, 2013 *2 RP = 1866*

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 Linn Energy	Contact Brian Wall
Address 2130 W. Bender Blvd., Hobbs, NM 88240	Telephone No. (806) 367-0645
Facility Name VL Foster #11	Facility Type Oil Producer

Surface Owner BLM	Mineral Owner	API No. 3001529648	NMOCD Case # 2RP-1866
-------------------	---------------	--------------------	-----------------------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	17	17S	31E	1600	FNL	1050	FEL	Eddy

Latitude 32.83739666 Longitude -103.88681233

**NATURE OF RELEASE**

Type of Release Oil/Produced Water	Volume of Release 0.5 bbls/0.5bbls	Volume Recovered 0/0
Source of Release Stuffing box	Date and Hour of Occurrence 8/15/13 10:00 am	Date and Hour of Discovery 8/15/13 10:00 am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Burton	
By Whom? Brian Wall	Date and Hour 8/15/13 3:00 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.\*

Describe Cause of Problem and Remedial Action Taken.\*

The stuffing box leaked due to the time getting stuck in the 'on' position and pumping off. Approximately 1 bbl on the ground on the lease pad near the well head combined water and oil. The timer was replaced and returned to normal operation.

Describe Area Affected and Cleanup Action Taken.\* A total of 623 sq ft of lease pad was affected. On August 16<sup>th</sup>, 2013, BLM gave permission to begin work at the site. Two points were taken from the release area at the surface and at depth and field tested for chlorides and hydrocarbons. The samples were then taken to a commercial laboratory for analysis. Based on the lab data, the release was scraped to a depth of 1 ft bgs and a 5 point composite was taken from the base of the excavation and sent to a commercial laboratory. The 5 point composite returned a laboratory chloride result of 224 mg/kg a DRO reading of 19.5 mg/kg and a GRO and BTEX readings of non-detect. On August 28<sup>th</sup>, 2013, BLM approved the site to be backfilled. The site was backfilled with clean, imported caliche.

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: <i>Fred B Wall</i>	Approved by Environmental Specialist:	
Printed Name: Brian Wall	Approval Date:	Expiration Date:
Title: Construction Foreman II	Conditions of Approval:	
E-mail Address: Bwall@linenergy.com	Attached <input type="checkbox"/>	
Date:	Phone: (806) 367-0645	

\* Attach Additional Sheets If Necessary

**Warren, JeanMarie, EMNRD**

---

**From:** Lara Weinheimer <lweinheimer@rice-ecs.com>  
**Sent:** Monday, September 23, 2013 3:11 PM  
**To:** Bratcher, Mike, EMNRD; Warren, JeanMarie, EMNRD  
**Cc:** 'Hack Conder'; 'Jacob Kamplain'  
**Subject:** FW: Final Report for the Linn V.L. Foster #11 2RP-1866

FYI

---

**From:** Burton, Michael [<mailto:mburton@blm.gov>]  
**Sent:** Monday, September 23, 2013 3:00 PM  
**To:** Lara Weinheimer  
**Subject:** Re: Final Report for the Linn V.L. Foster #11 2RP-1866

Lara,  
This final report is approved and will be saved as a record.  
Thanks

**Mike Burton**  
**BLM-CFO**  
**Environmental Protection Specialist**  
**575-234-2226 office**  
**575-361-3574 cell**  
**[mburton@blm.gov](mailto:mburton@blm.gov)**

CONFIDENTIALITY NOTICE: The information in this email may be confidential and/or privileged. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination or copying of this email and its attachments, if any, or the information contained herein, is prohibited. If you have received this email in error, please immediately notify the sender by return email and delete this email from your system. Thank you.

On Wed, Sep 18, 2013 at 3:37 PM, Lara Weinheimer <[lweinheimer@rice-ecs.com](mailto:lweinheimer@rice-ecs.com)> wrote:

Attached in the final C-141 for the Linn V.L. Foster #11. I added some additional information to the final C-141 (photos, labs, maps, etc.) for verification of field activities. If you have any questions or concerns, please let us know. Otherwise, we'll wait on your approval.

M. Bratcher, this site termination will be on the agenda for Friday; I will send you a hard copy of this data today.

Thanks!

Lara Weinheimer

Rice Environmental Consulting & Safety

Project Scientist

419 West Cain

Hobbs, NM 88240

(575) 441-0431