

## **LINN ENERGY**

2130 W. Bender Blvd. Hobbs, NM 88241 Phone 575.738.1739

# Fren Battery – Friess Fed #5 Inj. (2RP-1286)

# **Termination Request**

API No. 3001529719

Release Date: August 23<sup>rd</sup>, 2012

Unit Letter J, Section 19, Township 17S, Range 31E

## Rice Environmental Consulting & Safety

P.O. Box 2948, Hobbs, NM 88241 Phone 575.393.2967

## October 31<sup>st</sup>, 2013

Mike Bratcher New Mexico Energy, Minerals, & Natural Resources Oil Conservation Division, Environmental Bureau – District 2 811 S. First St. Artesia, NM 88210



## RE: Termination Request Linn Energy – Fren Battery – Friess Fed #5 Inj (2RP-1286) UL/J sec. 19 T17S R31E API No. 3001529719

Mr. Bratcher:

Linn Energy (Linn) 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 4 miles east of Loco Hills in UL/J sec. 19 T17S R31E in Eddy County, NM. The site is in an area of no known groundwater. On August 23<sup>rd</sup>, 2012, a release at the battery occurred when the water dump line, which was corroded, discharged a total of 60 barrels of produced water over 2,201 square feet of the battery. A vacuum truck was called to the site and recovered at total of 45 barrels of produced water. NMOCD and BLM were informed of the release on August 23<sup>rd</sup>, 2012 and an initial C-141 detailing this release was approved by NMOCD on October 12<sup>th</sup>, 2012 (Appendix A).

The site was excavated to 1 - 2.5 ft bgs under the supervision of E-Tech Environmental (E-Tech). On October 16<sup>th</sup>, 2012, BLM stated that per BLM's conversation with E-Tech, it was determined that further excavation may compromise the integrity of standing equipment on site and/or prove to be a safety hazard. BLM requested that confirmation samples be pulled and sent to a lab (Appendix B). On October 17<sup>th</sup>, 2012, E-Tech took final samples of the site and sent them to a commercial laboratory for analysis (Figure 1 and Appendix C). This final data was sent to BLM on November 7<sup>th</sup>, 2012 with a request to backfill the site. BLM responded on November 24<sup>th</sup>, 2012 that the soil samples above closure levels are in proximity to standing equipment. BLM approved closure of the excavation and required full mitigation of the contaminants at the abandonment of the location (Appendix D). The site was backfilled with clean, imported caliche. Photo documentation of these activities can be found in Appendix E.

The site was excavated to a depth of 1 - 2.5 ft bgs and safety issues negated further excavation. BLM approved closure of the excavation. Therefore, Linn requests 'remediation termination' and closure of the regulatory file. The final C-141 can be found in Appendix F.

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.W-

Lara Weinheimer Project Scientist RECS (575) 441-0431

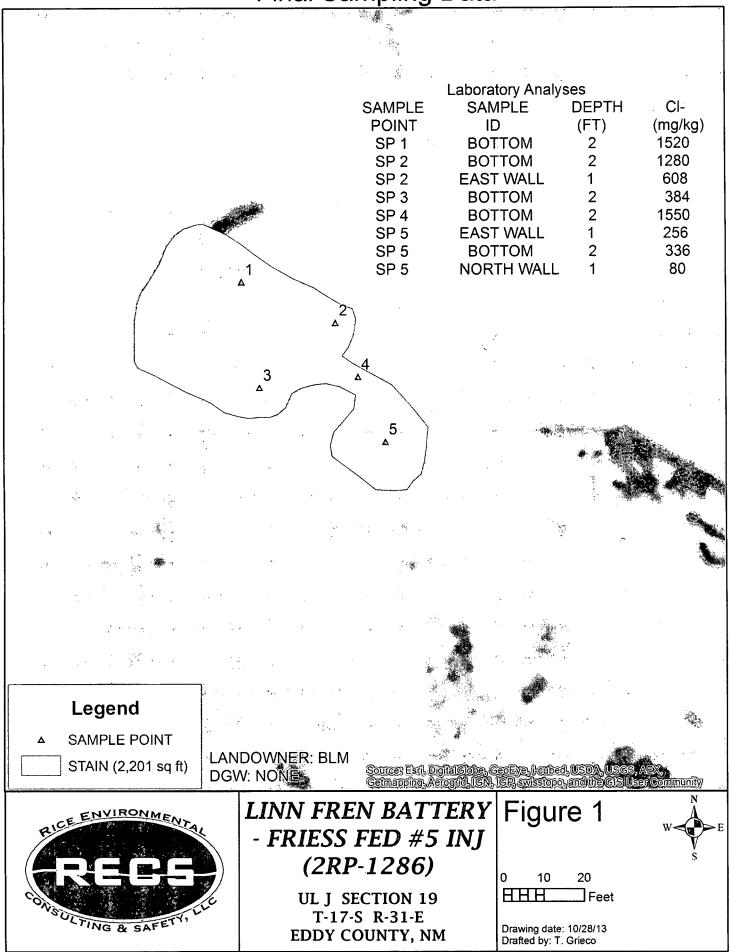
Attachments:

Figure 1 – Final Sampling Data Appendix A – Initial C-141 Appendix B – October 16<sup>th</sup>, 2012 BLM Response Appendix C – Laboratory Analysis Appendix D – November 24<sup>th</sup>, 2012 BLM Closure Approval Appendix E – Photo Documentation Appendix F – Final C-141

,

# Figures

## **Final Sampling Data**



# Appendix A Initial C-141

625 N French Dr. Hobbs NM 38240	State of New M		UG 3 0 201	D. 2. Bysed Quicher II	É-441;
<u>istriči 11</u> 30]- W. (Grind <sup>i</sup> Aveijič, Arlesni, NM 88210-	Energy Minerals and Nat	74 H F F F F F F F F F F F F F	•		
istrict (III) 100 Riotarazos Read, Aziće, NM 87410	.Oil Conservation	Division NMC	CD ARTE	Birtaniaite Distrite Of	fice in IMAC,
istrict (V 220:S. St. Françis Dr., Santa F., NM 87505	1220 South St. Fr. Santa Fe. NM	ancis Dr.	an a		
	elease Notification and		····		
TMU1225640\$74	•	RÁTOR	ມ ເວີນີ້: (ທີມລີ)	Report [] (El (Elina))	ലടക്ക
Name of Company: Linn Operating		Joe Hernandez		cepture les arana	<u></u>
Address: 2130 W. Bender 'Hobbs: NM	:88240	ine No.: 575-738-1739			
Racility Name: Fren Battery- Friess Fed		Type: Battery			
Sunface Owner: Federal	Mineral'Owner: Federal		APINOS	300.152971.9	· ·
the state of the s	LOCATION OF J		ALL PLANT IN		
Unit Lener Section Township. Ran I U.S. 1. 19 178 34		iné Vect front (hč) (East 1454 -	/WestLing C East	County Eddy	
1Ľa	titude: 32.81888817257110 Long	juude: 4103.9051959402	05		
	NÄTURE ÖF R	ËLËASE	ar <sup>ar</sup> aran ta <b>r</b> -	· · · ·	
Type-of-Release: Produced Water		te of Release: 60 bbls		coverted: 45:bbls:	
Source of Release. Pipeline Steel	1 08/23/	nd Hourtof Qecurrence?" (2012 10am	Date and Hr 08/23/2012	ur of Discovery: 10:30an	
Was Immediate Notice Given?"	D No. DUNGERSQUITED M. Br	S. To: Whom? aucher - SM. OCD - Terry (		-	
By Whom? Joe Hernánd(2)	with the same types was a same day at the same	md/Hour 08/23/2012 12pm	and a share of the		
Wusia Waterçourse Reached?		S. Volume Impacting the W		******	
يوس والمسية	C3 (19)				
Describe Cause of Problem and Remedial A		und isaict. Tüside dike: Wait	fftlumği line Ma	នុខ្មែស៊ីវេទីវ៉ាត់ជានៃប៉ុណានី លេ វារាប	ks ind.
IPa Waterçourse was Tupacted, Describe Er Describe Gause of Problem and Remedial A dumped water out of holeinno dike. Describe Area (fleeted and Cleanop Action Photess are regulations and more the second	çtion' Takén, * Pulléd, up fé Battery fé Taken (* 545 x45' årea, 45 bbls were f	ickydrup byginacking comp	iny. Futher ren	edial action pending;	
Describe Gause of Problem and Remedial A dumped water out of hole little diffe. Describe Aren Milected and Cleanup Action Phenety certify that the information given a regulations all operators are required to repo public bettill, or deservition great The accep should their borgations have that the accept	etion Taken, *. Pulled, up to Battery for Taken, * : 45'x45' area, 45 bbls were f for file certain release notificatio infrand/or file certain release notificatio infrand/or file certain release notificatio infrance of a C-141 report by the NMOC tely investigate anti-report does not r	lickýľ úp hydrucking cómpi liny knowledge and unders as and perform corrective a 1D murkýd as "Pinal Kepoří lination dlát pose a threat to chéve the operator of respu	iny, Futher ren fand that pirgar citions for celea videes not reliev ground tyder, stability for con	ເຕດເຕີ ລະຕິດັກ ກະກຸດໃຫ້ຮູ້ ດີກ (ດາNMOQD ກົດໄຮ້ແລ້ກ ແຮງ ທີ່ມີຢູ່ກາງແຈງ ຈາກໃດກ່ຽວ ແຮງທີ່ຈາກເຮັດການການການ ເມັນເລັດ ຈາກເຮັດ ການການການ ທີ່ມີມີກາວດ ທີ່ມີຖືກການ ດູເມື່ອງ	d te lý
Describe Gause of Problem and Remedial A dumped water out of hole fillio, diffe. Describe Area Affected and Cleanup Action Photeby-certify that the information given a regulations all operators are required to repe should their operators are required to adequ or the covironment. In addition, NMOCD a federal state, or tocal lows and/or regulation	etion Taken, *. Pulled, up to Battery for Taken, * : 45'x45' area, 45 bbls were f for file certain release notificatio infrand/or file certain release notificatio infrand/or file certain release notificatio infrance of a C-141 report by the NMOC tely investigate anti-report does not r	SickýPúp bydrucking compi Ruy knowledge and unders ans and perform corrective a 1D nurked as "Piñal Report Ination that pose a threat the	iny, Futher ren fand that pirgar citions for celea videes not reliev ground tyder, stability for con	ເຕດເຕີ ລະຕິດັກ ກະກຸດໃຫ້ຮູ້ ດີກ (ດາNMOQD ກົດໄຮ້ແລ້ກ ແຮງ ທີ່ມີຢູ່ກາງແຈງ ຈາກໃດກ່ຽວ ແຮງທີ່ຈາກເຮັດການການການ ເມັນເລັດ ຈາກເຮັດ ການການການ ທີ່ມີມີກາວດ ທີ່ມີຖືກການ ດູເມື່ອງ	d te lý
Describe Gause of Problem and Remedial A dumped water out of bole information gives Describe Aren Affected and Cleanup Action Photeose certify that the information given a regulations all operators are required to repr public benith of the environment. The acce about their operators are required to adedu of the their operators and required to adedu of the their operations have failed to adedu of the their operations have failed to adedu of the their operations have failed to adedu of the their operations in the acception of the acception of the theory of the the defendence of the operations of the theory of the the defendence of the operations of the theory of the theory of the defendence of the operations of the operation of the theory of the defendence of the operation of the operation of the theory of the defendence of the operation of the operation of the theory of the defendence of the operation of the operation of the theory of the defendence of the operation operation of the operation operation of the operation operation operation of the operation opera	etion Taken, A.Pulled, up to Battery for Taken, A.F. 45'x45' area, 45 bbls were f Nove is true and complete for the best of it and/or file certain release not ficalic infector a C-141 report by the NMOC teptance of a C-141 report does not r se	lickýľ úp hydrucking cómpi liny knowledge and unders as and perform corrective a 1D murkýd as "Pinal Kepoří lination dlát pose a threat to chéve the operator of respu	iny, Futher ren fand that pirgar citions for celea videes not reliev ground tyder, stability for con	iedral action pending in to NMOQD relession acts which may endange where operator of that it in face water, thing in he influer with any other DIVISION:	d te lý
Describe Gause of Problem and Remedial? dumped water out of hole/into.dike. Describe Area Affected and Cleanup Action Photets: certify that the information given a regulations all operators are required to repr phote betiff, or deservironment. The accession phote betiff, or deservironment. The accession of the profromment. In addition, NMOCD a regulations state or tocal laws and or regulation Silenature.	cuon Takén, APúllód, up to Battery, to Taken, Arta Stats area, 45 bbls werer fové istrice and complete to the best o trand/or file certain release notificatio tand/or file certain release notificatio teptance of a C-140 report does not r se	ickýľup hydrucking cómpi funy knowiedge and unders ns and rerform corrective a D murkýd as "Pinal Report ination flát pôse a threat (o cheve the operator of respor <u>OIL CONSER</u>	iny, Futher ren thud that púysus clibits for relea ground avater, stability for cent VATHON'I Signed By	iedral action pending int tooNMOQD rules an ective operator of hinding with contract of hindin in face water shim in hi in face water shim in his in face sources in the shift of the information in the shift of the shift of the information in the shift of the shift of the information in the shift of the shift of the shift of the information in the shift of the shift of the shift of the information in the shift of the shift of the shift of the information in the shift of the shift of the shift of the information in the shift of the shift of the shift of the information in the shift of the shift of the shift of the information in the shift of the shift of the shift of the information in the shift of the shift of the shift of the information in the shift of the shift of the shift of the information in the shift of the shift of the shift of the shift of the information in the shift of the shif	d te lý
Describe Gause of Problem and Remedial? dumped water out of hole into dike. Describe Area Affected and Cleanup Action Photopy certify that the information given a regulations all operators are required to repr public benith of the environment. The accep should their operators are required to adequ of the environment. In addition, NMOCD a federal, state, or tocal tows and/or regulation Signature.	cuon Takén, APUICI, up to Battery to Taken, APUICI, up to Battery to Taken, APUICI, APUICI, up to Battery to tové is true and completents include tand/or file certain release notificatio tanceof a Cel 41 report by the NMOC nety investigate and concellate contain teptance of a Cel 41 report does not r se	bickýthúp hydracking compo funy knowledge and unders nistand perform corrective a 1D merked as "Piñal Report ination flát pôse arthréar (o clicve flie operator of respor <u>OIL CONSER</u> 19	iny, Futher ren thud that púysus clibits for relea ground avater, stability for cent VATHON'I Signed By	iedral action pending int tooNMOQD rules an ective operator of hinding with contract of hindin in face water shim in hi in face water shim in his in face sources in the shift of the information in the shift of the shift of the information in the shift of the shift of the information in the shift of the shift of the shift of the information in the shift of the shift of the shift of the information in the shift of the shift of the shift of the information in the shift of the shift of the shift of the information in the shift of the shift of the shift of the information in the shift of the shift of the shift of the information in the shift of the shift of the shift of the information in the shift of the shift of the shift of the information in the shift of the shift of the shift of the information in the shift of the shift of the shift of the shift of the information in the shift of the shif	d te lý

## Appendix B October 16th, 2012 BLM Response

## Gregston, Terry G

From: Sent: To: Cc: Subject: Gregston, Terry G Tuesday, October 16, 2012 5:16 PM 'Steve McGee' 'Fred Holmes'; 'Kit Prichard' RE: Fren Friess Battery (Field Samples)

i

As per our phone conversation about this site and the field screen results on 10/16/12, it has been determined that further excavation may compromise the integrity of standing equipment on the site and/or prove to be a safety hazard. The BLM requests that confirmation samples be pulled and sent to a lab; forward the lab results to the BLM for closure approval prior to backfilling.

Thank you,

### **Terry Gregston**

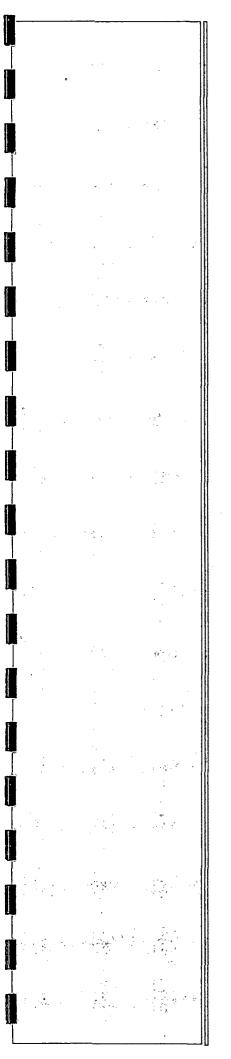
Environmental Protection Specialist Bureau of Land Management 620 E. Greene St. Carlsbad, NM 88220 Office (575) 234-5958 Cell (575) 361-2635 Fax (575) 234-5927

Confidentiality Warning: This message along with any attachments are intended only for use of the individual or entity to which it is addressed and may contain information that is privileged or confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution, ör copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately.

From: Steve McGee [mailto:steve@etechenv.com] Sent: Tuesday, October 16, 2012 9:14 AM To: Gregston, Terry G Cc: 'Fred Holmes'; 'Kit Prichard' Subject: Fren Friess Battery (Field Samples)

Terry, Here are our field samples on the Fren Friess Battery. There are two samples that are above the limit but we are at 2.5 ft. deep and the integrity of the battery equipment may be in question if we excavate deeper. I have not taken any confirmation samples to the lab until I hear from you on this matter. Thankyou.

1



Appendix C Laboratory Analysis



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

October 22, 2012

FRED HOLMES

ETECH Environmental & Safety Solutions, Inc.

P. O. BOX 8469

MIDLAND, TX 79708

**RE: FREN FRIESS BATTERY** 

Enclosed are the results of analyses for samples received by the laboratory on 10/17/12 11:45.

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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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,

Celez D. Keine

Celey D. Keene Lab Director/Quality Manager

Page 1 of 5

## **EXCARDINAL** Laboratories

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

#### Analytical Results For:

ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX; 79708 Fax To: (432) 563-2213

Received:	10/17/2012	Sampling Date:	10/17/2012
Reported:	10/22/2012	Sampling Type:	Soil
Project Name:	FREN FRIESS BATTERY	Sampling Condition:	** (See Notes)
Project Number:	253-3620-000	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

#### Sample ID: SP 1 BOTTOM 2' (H202533-01)

Chloride, SM4500Cl-B mg/kg		Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	10/18/2012	ND	416	104	400	0.00	

#### Sample ID: SP 2 BOTTOM 2' (H202533-02)

Chloride, SM4500CI-8	DOCI-8 mg/kg		Analyzed By: HM					and the second	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	10/18/2012	ND	416	104	40Ò	0.00	
Sample ID: SP 2 E WALL Chloride, SM4500Cl-B	1' (H202533 mg.	-	٥٩٦١٧٦٩	d By: HM					

	<sup>1</sup>	 		······································						
	Analyte	Result	Reporting Limit	Analyzed	Method Blank	85	% Recovery	True Value QC	RPD	Qualifier
Chloride		608	16.0	10/18/2012	ND	416	104	400	0.00	

#### Sample ID: SP 3 BOTTOM 2' (H202533-04)

Chloride, SM4500Cl-B mg/kg		/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	10/18/2012	ND	416	104	400	0.00	

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Condition's liability and distants exclusive remotes for any claim analog, whether bases in contract or tord, shall be limited to the amount paid by ident for analytics. All claims, including those for negligence and any other cause whetever that be degined whete limited within and retermental by Cancinal works thinky (3D) days after competion of ne applicable service, in no event shall be degined whete limited and the service inclusion of the service inclusional by cancinal works thinky (3D) days after competion of ne applicable service, in no event shall be limited to the service inclusion of use of the service inclusional or consequential camages, including, whether such distance be services inclusion in the service inclusion in the service inclusion of the service inclusion of the service inclusion of the service inclusion of the service inclusion in the service inclusion of the service inclusion of the service inclusion of the service inclusion or the service inclusion or the service inclusion in the service inclusion of the service inclusion or the service inclus

Celicy D. Kune

Celey D. Keene, Lab Director/Quality Manager

## **NCARDINAL** Laboratories

î

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

#### Analytical Results For:

ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	10/17/2012	Sampling Date:	10/17/2012
Reported:	10/22/2012	Sampling Type:	Soil
Project Name:	FREN FRIESS BATTERY	Sampling Condition:	** (See Notes)
Project Number:	253-3620-000	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

#### Sample 1D: SP 4 BOTTOM 2' (H202533-05)

Chloride, SM4500CI-B mg/kg		/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1550	16.0	10/18/2012	ND	416	104	400	0.00	

#### Sample ID: SP 5 E. WALL 1' (H202533-06)

Chloride, SM4500CI-B	hloride, SM4500Cl-B mg/kg		Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/19/2012	ND	416	104	400	0.00	

#### Sample ID: SP 5 BOTTOM 2' (H202533-07)

Chloride, SM4500CI-B mg/kg		Analyze	d By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	10/19/2012	ND	416	104	400	0.00	

#### Sample ID: SP 5 N. WALL 1' (H202533-08)

Chloride, SM4500Cl-B mg/kg		kg	Analyzed By: HM							
Å	nalyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		80.0	16.0	10/19/2012	ND <sup>.</sup>	416	104	400	0.00	

#### Cardinal Laboratories

## \*=Accredited Analyte

PLEASE NOTE: Ustary and Damages. Cardwall's labelity and clean's exclusive remedy for any claim anxing, whether based in contract or test, shall be limited to the amount paid by clean for any clean, including these for negligence and any other quies whiteoper shall be termed: weived onless made in writing and received by Cardinal writing 100 days after completion of the applicable service. In no event, shall Cardinal be liable for indexing these for indexing these for indexing the analysis, addition, to the applicable service. In no event, shall Cardinal be liable for indexing these for indexing these is a bability and received by Cardinal, regardless of since some starting out of or related to the performance of the services hereinder by Cardinal, regardless of whether such dates based upon any of the above stander stander cardinal benefitied above. This expondent correct is not wintow successful.

Celey D. Kee

Celey D. Keene, Lab Director/Quality Manager

Page □ of 5

# 

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

#### **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 SM4500CI-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 Quimages. Candinul's liability and clerit's evolutive remedy for any claim arising, whether based in contract or text, shall be brated to the amount paid by clerit for analyses. All claims, including those for negligence and any other cause whatsomer shall be deemed waterid unless mode in writing and received by Cardinal within thirty (30) cary after completion of the applicable isoricit. In no event shall bedding to be lable for indexent or consequential damages, including, without limitation, business interingtions, items of use, or loss of profits above down of the state to the services beneficiency of whether such damas based one subside resons or blocks. Result related by clerit is unstatantes, affiliates or succession a rising out of or related to the services based relation by Clerit by Clerit by Clerit by Clerit by clerit state such damas based one subside resons or blocks. Result relations the terrorities and with writen approach of a floatoraties.

Celecy D. Kee

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		
ompany Name: Efect	BILLTO	ANALYSIS REQUEST
olectiManager: Fred Holmes	P.O. #: 253-3620-000	
ddress:	Company: Etech	
ty::State: Zīp:.	Attn:	
rone #: Fax #:	Address:	
oject #: 253-3620-000 project Owner:	City:	
oject Name: Fren Friess Battery	State: Zip:	
oject Location: Eddy county	Phone #:	
Impley Name: Terry Ostorn.	Fax #:	
Labil.D. Sample I.D. BUILT	PRESERV SAMPLING	
bises. All chaim, induktar tense far negtense end ver obne save unataneve steril in deened terver allerste ander te many or nes, han jenn and Garthal be habe to fenden all or somere pesti dianoper, incluing vitigal Midason, bairnes verseçioni ander a vises fan jenn inny dia on selded to be originance si ceritor historisti ty Cardeni regularia, et al de	en regenerative Continue extrine 30 days after completive of the apphenicle. Nais of use, or loss of privilies secured by client, its metridaness.	
alinguished By:   Date:   Received By:	Phone Result: D Yes D No	Add'I Phone #:
Teigoila Time: Strate	huncher, REMARKS:	lAdd'l Fax #:
ellinguished By:		
Styrumances Time: Pricks Wall of	MARA	
Delivered By: (Circle One)		
ampler - UPS Bus - Other:	(Inflials)	
1 Cardinal cannot acceptiverbal changes. Please fax written changes to	(575) 393-2326	Page

#26

## Appendix D November 24th, 2012 BLM Closure Approval

## Gregston, Terry G

From:Gregston, Terry GSent:Saturday, November 24, 2012 5:52 PMTo:'Kit Prichard'; mike.bratcher@state.nm.usCc:Gary Wink; Ron Ragland; Joe Hernandez; Fred Holmes; Steve McGeeSubject:RE: Fren Friess Battery Backfill Request

Gentlemen,

This notification is in regard to the following location and undesirable event:

Event Number: NU12185TG Event Date: 8/23/2012 Event Name: Fren Battery-Friess Federal 5 Legals: T17S/R31E, sec. 19, NWSE

A review of this case indicates that soil samples that are above closure levels are in proximity to standing equipment. The BLM approves closure of the excavation and full mitigation of the contaminants will be addressed at abandonment of the location. OCD like approval is required.

Thank you for your attention to these concerns,

Terry Gregston Environmental Protection Specialist Bureau of Land Management 620 E. Greene St. Carlsbad, NM 88220 Office (575) 234-5958 Cell (575) 361-2635 Fax (575) 234-5927

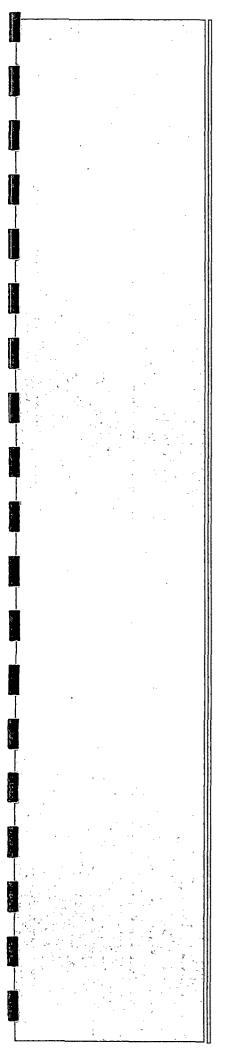
Confidentiality Warning: This message along with any attachments are intended only for use of the individual or entity to which it is addressed and may contain information that is privileged or confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately.

From: Kit Prichard [mailto:kit@etechenv.com] Sent: Tuesday, November 13, 2012 10:49 AM To: Gregston, Terry G; <u>mike.bratcher@state.nm.us</u> Cc: Gary Wink; Ron Ragland; Joe Hernandez; Fred Holmes; Steve McGee Subject: Fren Friess Battery Backfill Request

Mike & Terry ,

Attached is the backfill request for the Fren Friess Battery for your approval. Thank you Have a great day.

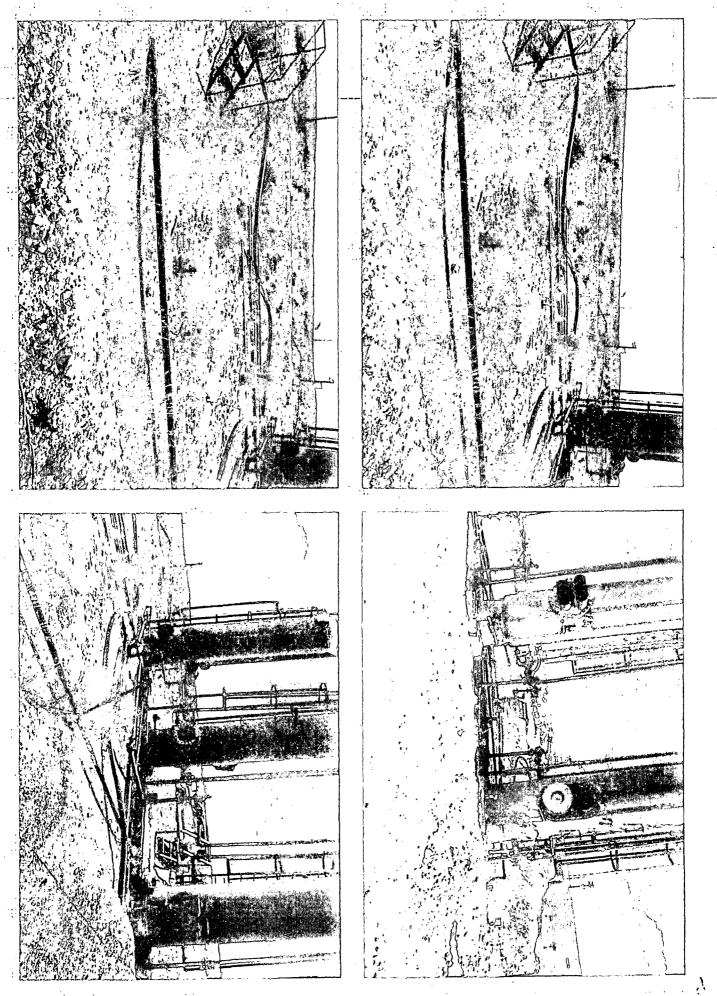
Kit Prichard



## Appendix E Photo Documentation

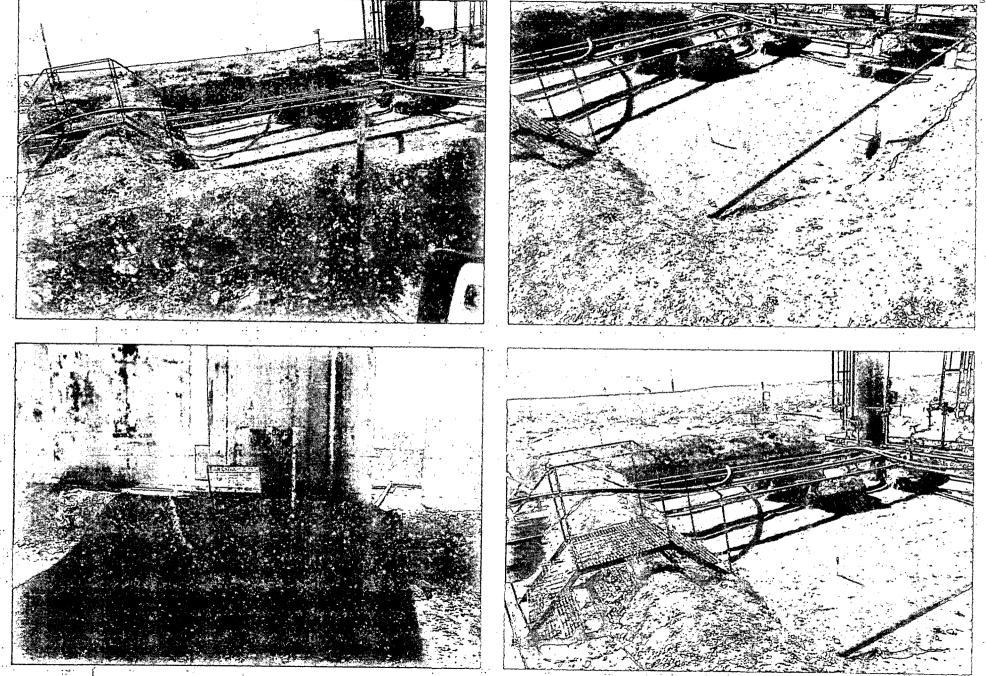
Linn Fren Battery - Friess Fed #5 Inj - Initial Photos - 8/29/12

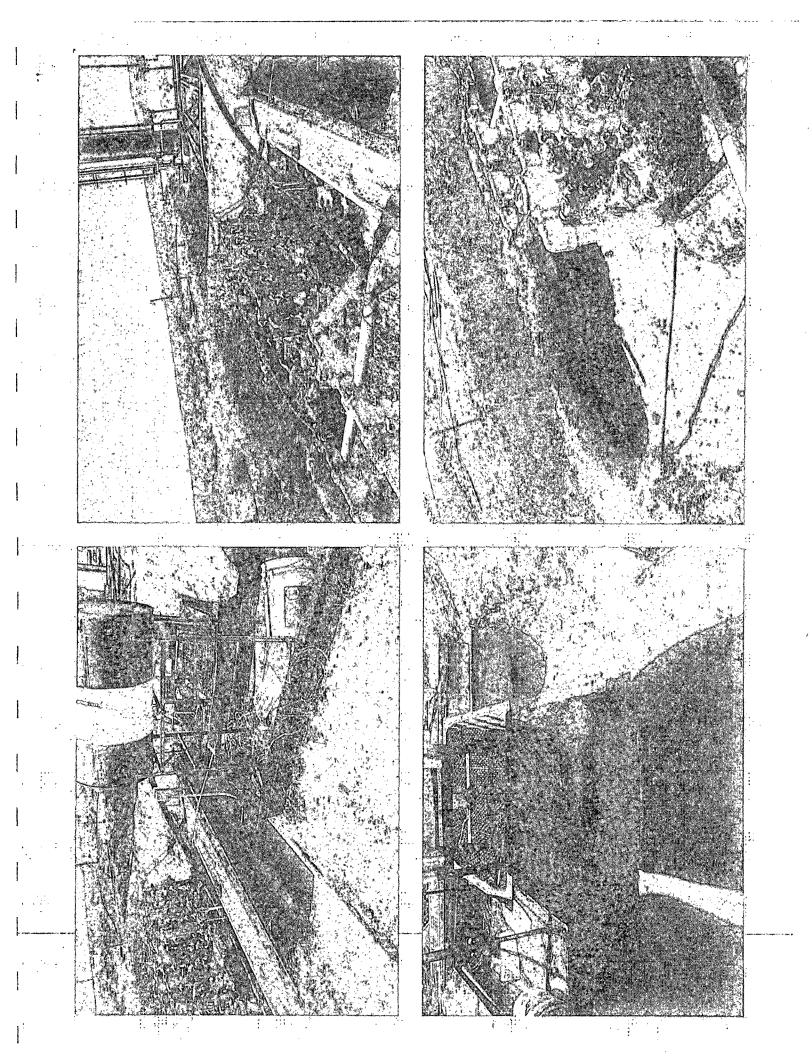


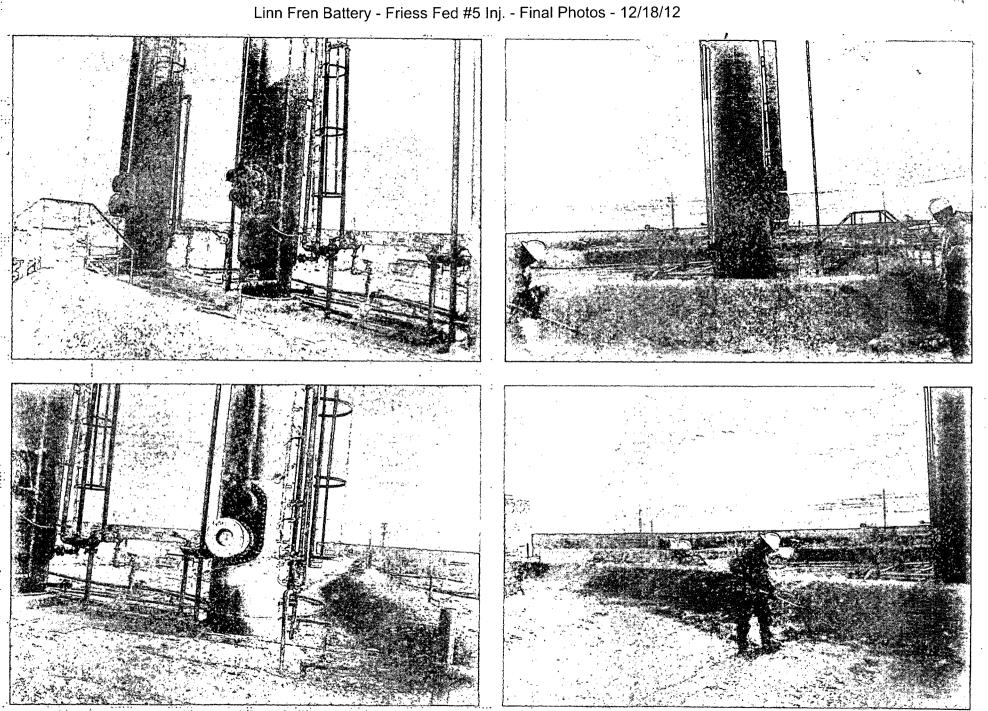


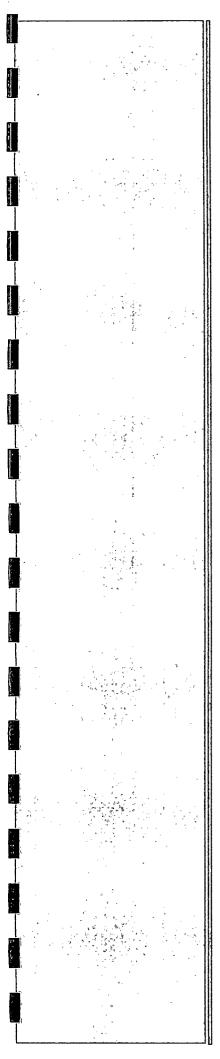
د م محمد المحمد المحمد المحمد الحارين المحمد الم . .

## Linn Fren Battery - Friess Fed #5 Inj. - Excavation Completed - 11/29/12









# Appendix F Final C-141

REC	EIV	ED

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<sub>NOV</sub> 01 2013 Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

accordance with 19.15.29 NMAC.

Oil Conservation Division CO ARTESIAL Copy to appropriate District Office in

1220 South St. Francis Dr.

Santa Fe, NM 87505

#### **Release Notification and Corrective Action OPERATOR** Initial Report Final Report Contact Brian Wall Name of Company Linn Energy Address 2130 W. Bender Blvd., Hobbs, NM 88240 Telephone No. (806) 367-0645 Facility Name Fren Battery - Friess Fed #5 Inj Facility Type Battery

Surface Owner	BLM	

Mineral Owner BLM

API No. 3001529719

## LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	19	175	31E	2220	FSL	1434	FEL	Eddy

Latitude\_32.8188881725711\_\_ Longitude\_-103.905195940205\_

### NATURE OF RELEASE

ļ	Type of Release Produced water	Volume of Release 60 bbls	Volume Re	covered 45 bbls			
	Source of Release Steel Pipeline			lour of Discovery			
	-			0:30 am			
	Was Immediate Notice Given?	If YES, To Whom?					
	Yes 🗌 No 🗌 Not Required	M. Bratcher – NMOCD; Terry Gre	egston - BLM				
	By Whom? Joe Hernandez	Date and Hour 8/23/12 12:00 pm					
	Was a Watercourse Reached?	If YES, Volume Impacting the Wa	tercourse.				
ļ	🗌 Yes 🖾 No						
	If a Watercourse was Impacted, Describe Fully.*						
;	Describe Cause of Problem and Remedial Action Taken.*						
Ì	Linn arrived at battery and found water inside the dike. The water dump	line was corroded going into the tanks	s and dumped	water out of the hole into the			
	dike.						
i	Describe Area Affected and Cleanup Action Taken.*						
	A 45' x 45' area was affected inside the diked area. The site was excava	ted to $1 - 2.5$ ft bos under the supervision	sion of F-Tecl	Fnvironmental (F-Tech) On			
İ	October 16 <sup>th</sup> , 2012, BLM stated that per BLM's conversation with E-Tec						
	standing equipment on site and/or prove to be a safety hazard. BLM requ						
	2012, E-Tech took final samples of the site and sent them to a commercia	al laboratory for analysis. This final d	ata was sent to	b BLM on November 7 <sup>th</sup> , 2012			
	with a request to backfill the site. BLM responded on November 24th, 20						
	equipment. BLM approved closure of the excavation and required full mitigation of the contaminants at the abandonment of the location. The site was						
	backfilled with clean, imported caliche.						
	I hereby certify that the information given above is true and complete to t	the best of my knowledge and underst	and that pursu	ant to NMOCD rules and			
	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	e NMOCD marked as "Final Report"	does not relie	we 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							
		<u>OIL CONSER</u>	VATION	DIVISION			
	Signature: Fred B Wall						
		Approved by Environmental Specialist:					
	Printed Name: Brian Wall	Approved by Environmental Specialist:					
	Title: Construction Foreman II	Approval Date:	Expiration D	ate:			
ļ	E-mail Address: Bwall@linnenergy.com	Conditions of Approval:		Attached			
j	Date: Phone: (806) 367-0645						

\* Attach Additional Sheets If Necessary