<u>District 1</u> 1625 N French Dr., Hobbs, NM 88240 District II 1301 W Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St Francis Dr., Santa Fe, NM 87505

Type of Release: Oil/Produced Water

## State of New Mexico Energy Minerals and Natural Resources

SEP 15 2011

RECEIVED

Form C-141 Revised October 10, 2003

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

NMOCD ARTESIA with Rule 116 on back side of form

Volume Recovered: 25

30-010	5-268	78,3	Rele	ase Notific	ation and Co	rrective A	ction			_
nMLB 113	533862	20			<b>OPERA</b>	TOR	🛭 Initi	al Report	Final Repo	rt
Name of Company: Linn Energy 269324					Contact: Joe	Contact: Joe Hernandez				
Address: 21	30 W Ben	der Blvd H	lobbs, NI			Telephone No.: 575-942-8675				
Facility Name: Max Friess "MA" Tank Battery- Well #7					Facility Typ	Facility Type: Oil and Produced Water Tank Battery				
Surface Owner: State of NM Mineral Owner  LOCATIO					: BLM Lease No.: LC-065014  ON OF RELEASE			5014		
Unit Letter	Section 30	Township 17S	Range 31E	Feet from the 2610	North/South Line N	Feet from the 1460	East/West Line E	County	Eddy	
				Latitude: 32	.808228 Longitude	:: -103.905249				

NATURE OF RELEASE

Volume of Release: 25/3 bbl

Source of Release: Heater Treated	Date and Hour of Occurrence: 09/09/11 - 1500	Date and Hour of Discovery: 09/09/11 - 1515				
Was Immediate Notice Given?	If YES, To Whom?	03/03/11 - 1313				
☐ Yes ☐ No ☐ Not Required	M Bratcher - OCD Artesia, T Gregs	ston - BLM				
By Whom? D. Potter	Date and Hour: 09/09/11 - 1600					
Was a Watercourse Reached?	If YES, Volume Impacting the Wat	ercourse.				
☐ Yes ⊠ No						
If a Watercourse was Impacted, Describe Fully.*:						
Describe Cause of Problem and Remedial Action Taken.*: Heater treater of	over-pressured casing pop-off valve o	n the top of the unit and the pressure relief				
valve on the bottom of the unit to open.						
Describe Area Affected and Cleanup Action Taken.*: Overspray from the	top of the unit impacted an area ~ 50	' x 90' on the pad. Hydrocarbons from the				
pressure relief valve flowed outside of the south side of the containment moving westward. The impacted area on the south side is approximately 180'						
long by 10-15' wide. Vertical impact ranges from 3-6". Corrective action	i plan attached.					
I hereby certify that the information given above is true and complete to the						
regulations all operators are required to report and/or file certain release number public health or the environment. The acceptance of a C-141 report by the						
should their operations have failed to adequately investigate and remediate						
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.						
Isal a.	OIL CONSERY	VATION DIVISION				
Signature:	Signed By	& Kreen o				
Printed Name: Jose Hernandez	Signed By M// Approved by District Supervisor:	1 Dominier				
	DEO 4 0 2011					
Title: Foreman	Approval Da DEC 19 2011	Expiration Date:				
E-mail Address: jhernandez@linnenergy.com	Conditions of Approval:	Attached				
Date: 09/13/11 Phone: 575-738-1739	retion per OCD Rules	&				
* Attach Additional Sheets If Necessary	LI LINES CHRIMITI KEINILDING	ION 2 R.P. 975				
PR	OPOSAL NOT LATER THE	0/9/- 1/3				
	1/19/2012	LATE ENTRY)				

From:

Fred Holmes [fred@etechenv.com]

Sent:

Thursday, September 15, 2011 12:49 PM Bratcher, Mike, EMNRD: tareasto@blm.gov

To: Cc:

'Daniel Frick'; 'Ron Ragland'; 'Joe Hernandez'

Subject: Attachments:

Max Friess Tank Battery Initial C-141 Amendment
Max Friess MA Tank Battery Well #7 C-141 Inital 091311.pdf

Categories:

**Red Category** 

Terry & Mike:

Please find attached an amended C-141 for the Max Friess Tank Battery release that I submitted on January 13<sup>th</sup>. The C-141 has been amended to include the Well #7 as part of the association with the site for recordkeeping purposes. If you have any questions, please let me know.

Regards,

## Fred Holmes

## Etech Environmental & Safety Solutions, Inc.

P.O. Box 8469

Midland, Texas 79708-8469 Phone: 432-563-2200 Fax: 432-563-2213 E-mail: fred@etechenv.com

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From:

Gregston, Terry G [tgregsto@blm.gov]

Sent: To: Thursday, September 15, 2011 1:00 PM Fred Holmes; Bratcher, Mike, EMNRD

Cc:

'Daniel Frick'; 'Ron Ragland'; 'Joe Hernandez'

Subject: Attachments:

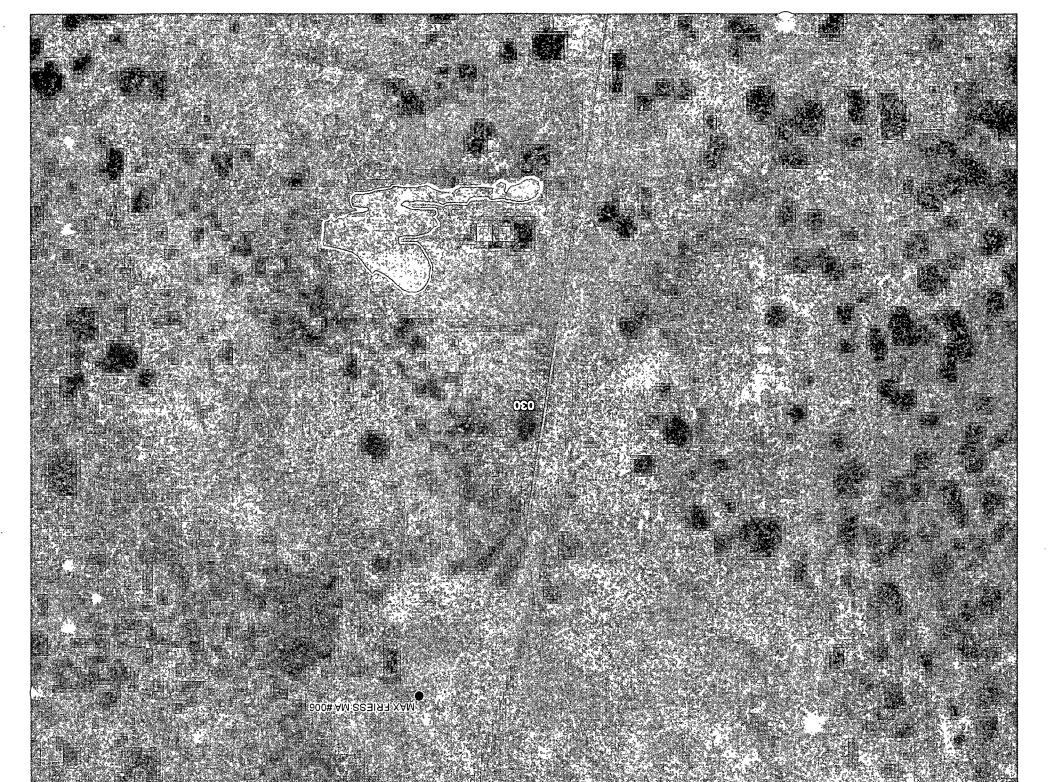
RE: Max Friess Tank Battery, section 30, T17s, R31e, SWNE Max Friess Tank Battery-090911 spill-spill map-091211.jpg

Gentlemen,

After a conference with Jim Amos, BLM, we have made the determination that the Max Friess Tank battery is a federal mineral state surface tank battery. So cleanup plans will need to be submitted to both the OCD and BLM. I am forwarding a spill map of the site for your reference.

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

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From:

Gregston, Terry G [tgregsto@blm.gov]

Sent:

Wednesday, October 05, 2011 4:37 PM

To:

dfrick@linnenergy.com; RRagland@linnenergy.com; JHernandez@linnenergy.com;

fred@etechenv.com; Bratcher, Mike, EMNRD; boonearch@yahoo.com

Subject:

Max Friess MA 7, spills 1 & 2; arch clearances, spill map

Attachments:

Max Friess MA 7-093011 spill map-100311.jpg

#### Gentlemen,

I am a little confused by the spills located near the Max Friess MA 7 well. It appears that there are two different spills from two different flowlines in very close to the same area. Fluids in each surveyed spill site were also of a different nature; one had more oil associated with it, the other had more produced water. So I currently have it listed as two different spill events. Please let me know if these spills are two spills from two different flowlines or just one spill.

Both of these spills fall within a previously surveyed area and are not within a known eligible arch site. The operator can proceed with delineation and cleanup plan submittal.

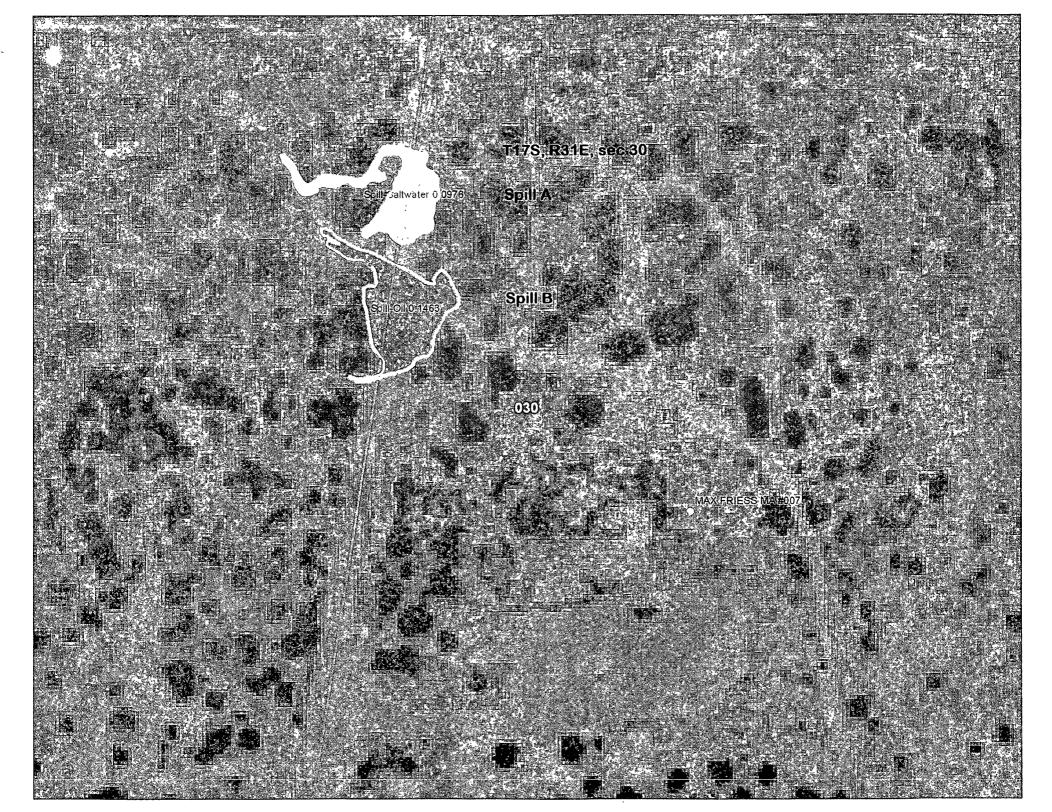
Spill map is attached.

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

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From: Fred Holmes [fred@etechenv.com]

Sent: Tuesday, September 13, 2011 3:18 PM

To: Bratcher, Mike, EMNRD

Cc: 'Daniel Frick'; Joe Hernandez; 'Ron Ragland'
Subject: Max Friess MA Tank Battery Release - Initial C-141

Attachments: Max Friess MA TB Corrective Action Report 091311.pdf; Max Friess TB Asessment Map

090911.pdf; Max Friess Release Photo Log 090911.pdf; Max Friess MA Tank Battery C-141

Inital 091311.pdf

#### Mike:

Please find attached the initial C-141 for the hydrocarbon release at the Max Friess MA Tank Battery operated by LINN Energy. The location has been determined to be on State lands. Also attached is the corrective action plan, site map and photograph log. If you concur with the corrective action plan would you please respond with your approval. If you have any questions, please do not hesitate to let me know.

## Fred Holmes

## Etech Environmental & Safety Solutions, Inc.

P.O. Box 8469

Midland, Texas 79708-8469 Phone: 432-563-2200 Fax: 432-563-2213 E-mail: fred@etecheny.com

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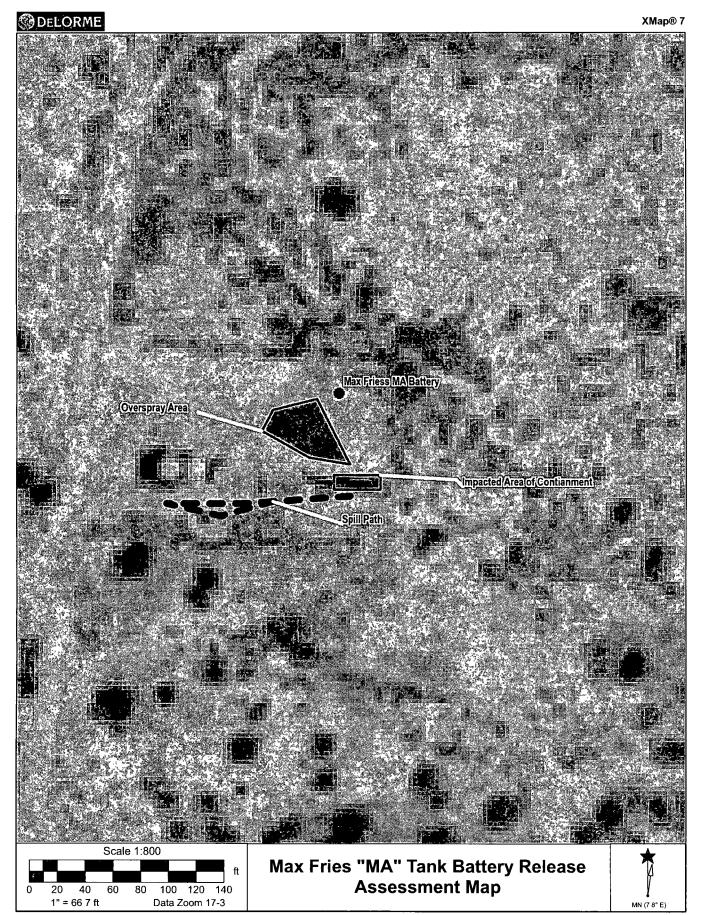
# **Corrective Action Report – Short Form**

(To Accompany C-141)

Date: 09/13/2011 Lease Name: Max Friess "MA" Tank Battery							
Type of Contamination:							
Cause of Release: Treater over-pressured causing pop-off and pressure relief valves to open discharging							
product into the containment, onto the pad area and into the pasture.							
Site Information							
General Setting and Area of Impact (Check All that Apply):							
☐ Pad Only ☐ Road Only ☐ Off-Site Areas Impacted: ☐ Flat ☐ Sloped ☐ Drainage Features Impacted							
Estimated Depth of Contamination: .255 Feet, Vertical							
Estimated Area of Contamination: ~6500 Square Feet							
$ \textbf{Site Delineated:}  \square \ \textbf{No}  \boxtimes \ \textbf{Yes}  \textbf{Method:} \ \boxtimes \ \textbf{Visual (probe/shovel)} \ \square \ \textbf{Sampling \& Analysis (Attach Analysis)} $							
Corrective Actions to Be Taken							
Remedial Action Goals: ⊠ Hydrocarbons <5,000 mg/kg ☐ Chlorides <1,000 mg/kg							
Other (Specify):							
Estimated Start Date: Estimated Completion Date:							
Remedial Actions(Check All That Apply):							
¹⊠ Dig & Haul Disposal Site: ☐ CRI ☐ Lea Land ☐ Sundown ☑ Other (Specify): Lazy Ace							
☑ Blending ☑ Biological Degradation ☐ Irrigation ☐ Calcium Amendment & Irrigation							
☐ Cap & Cover Cap Material: ☐ Clay ☐ Caliche ☐ Native Soil							
☐ Liner: Mil Thickness: , Installation Depth: Feet							
☐ Other (Specify):							
Clearance Confirmation Sampling to be Performed:   ☐ Yes ☐ No							
Restoration Activities (Check All That Apply)							
☐ Installation of Top Soil ft. ☐ Contour to Grade							
☑ Erosion Control: ☐ Water Bars ☐ Rip/Rap ☑ Other(Specify): Furrow-Cross Gradient							
☐ Seeding: ☐ Natural ☐ BLM Seed Mix #2 ☐ BLM Seed Mix #3 ☐ BLM Seed Mix #4							

#### Other Notes or Actions:

Over spray areas will be blended with existing pad soils. Heavily impacted soils inside the containment will be removed and clean soils replaced. Grossly impacted soils outside the south side of the containment will be removed and disposed of. A biological amendment will be added to and mixed with the soils to promote further degredation of the hydrocarbons. Site will be furrowed laterally across the gradient (west) to reduce erosion potential. Disturbed areas of the impacted pasture will be seeded as specified. All remedial action levels will be as noted above.



Data use subject to license

Project Name: Max Friess Release 09/09/11

Project No: 253-2969-000

Photograph Log Date Taken: 09/12/11

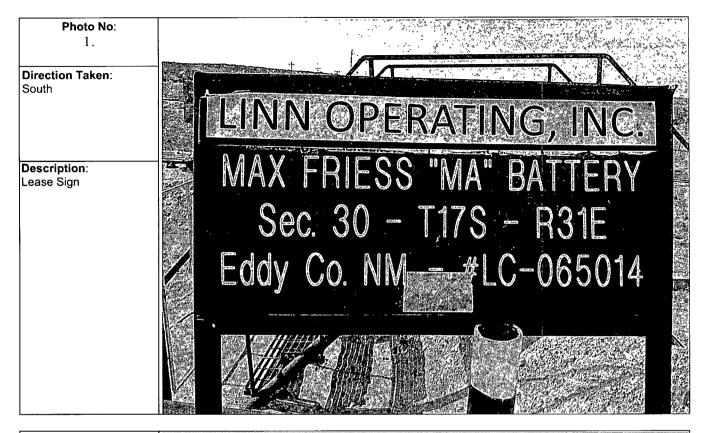


Photo No:

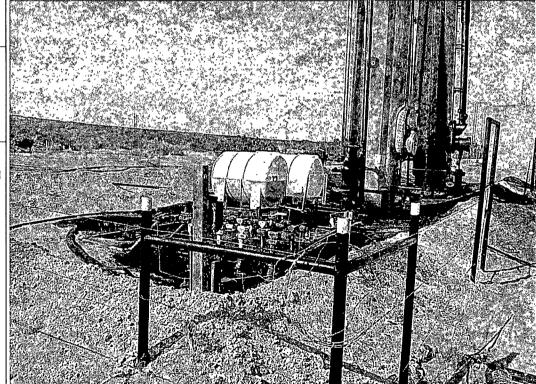
2.

**Direction Taken:** 

Southwest

Description:

View from NE corner of containment showing spill area confined inside of containment.



Photograph Log Date Taken: 09/12/11 Project Name: Max Friess Release 09/09/11 Project No: 253-2969-000

Photo No:

3.

Direction Taken:

West

## Description:

View from NE corner showing overspray area located on pad area. Area is ~ 90' x 50'.

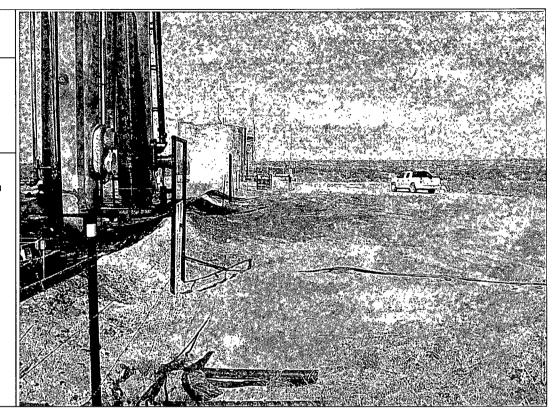


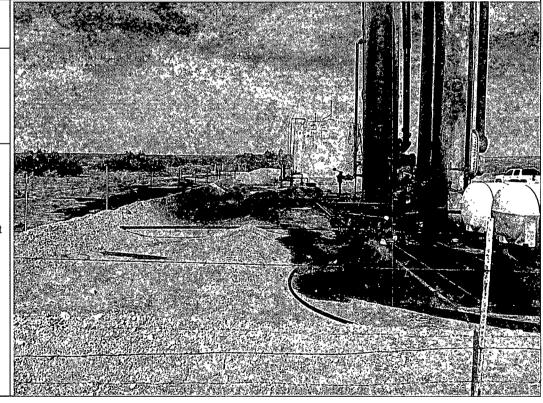
Photo No:

4.

**Direction Taken:** 

West

Description: View from east side of containment showing where spill sprayed over containment and area where pressure relief valve discharged product onto the pasture area outside of the containment.



Project No: 253-2969-000

Photograph Log Date Taken: 09/12/11

## Photo No:

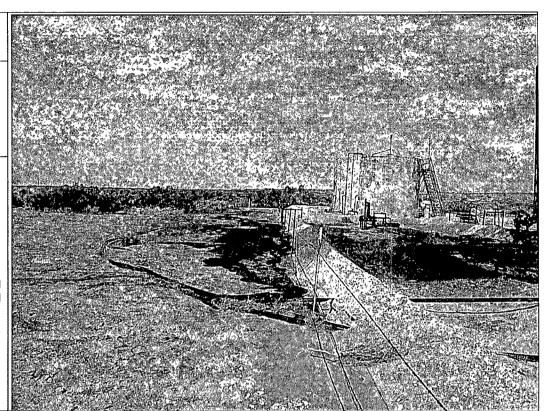
5.

## Direction Taken:

West

## Description:

View from the SE corner of the containment showing the spill area outside of the south side of the containment. Staining is largely due to the pressure relief valve located outside of the containment opening and product being discharged onto the ground. Impacted are is ~ 180' x 10'.



## Photo No:

6.

#### **Direction Taken:**

East

## Description:

View from the end of the release looking east back towards the release point.

