

LINN ENERGY

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

Fren Oil #23 (2RP-944)

Termination Request

API No. 3001528822

Release Date: October 27th, 2011

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

Rice Environmental Consulting & Safety

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

August 27th, 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 Oil #23 (2RP-944)
UL/O sec. 19 T17S R31E
API No. 3001528822**

Mr. Bratcher:

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

Background and Previous Work

The site is located approximately 4.5 miles east of Loco Hills, New Mexico at UL/O sec. 19 T17S R31E in Eddy County, New Mexico. This site is in an area of no known groundwater.

On October 27th, 2011, the stuffing box of the well head at the Fren #23 blew out releasing 4-6 barrels of oil and produced water. A vacuum truck was called to the site and recovered 3-5 barrels of oil and produced water. Linn notified NMOCD of the release on October 27th, 2011 and BLM of the release on November 1st, 2011. Linn submitted an initial C-141 to both agencies on November 1st, 2011 (Appendix A).

The release covered approximately 339 sq ft in the pasture. On July 29th, 2013, RECS personnel met with BLM regarding the path forward for the site. BLM requested the removal of the plastic from the pasture area and remediation of the area that was without vegetation. The non-vegetated area measured 6,488 sq ft. Since the release area and non-vegetated area were located in a slight depression, the release in the pasture and the non-vegetated area needed a 6 inch caliche pad built over the entire area, then a 2 – 3 foot layer of topsoil to overlie the caliche to provide a seed bed and bring the site up to the surrounding location.

On August 8th, 2013, BLM gave verbal approval to begin working on the pasture area. The pasture area was leveled, the plastic was removed and 120 yards of clean caliche were imported to the site. The area was backfilled with 6 inches of caliche and then watered and roller packed to provide a tight seal. 360 yards of clean topsoil were imported to the site and approximately a 2.5 ft layer of the topsoil was placed over the

caliche. On August 21st, 2013, the pasture area was disked, soil amendments were added and the site was seeded with LPC seed mix.

Photo Documentation of these activities will be found in Appendix B.

Linn submits the final C-141 and asks for 'remediation termination' of the site or similar closure status (Appendix C).

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,

A handwritten signature in black ink, appearing to read 'L.W.' followed by a long, horizontal flourish.

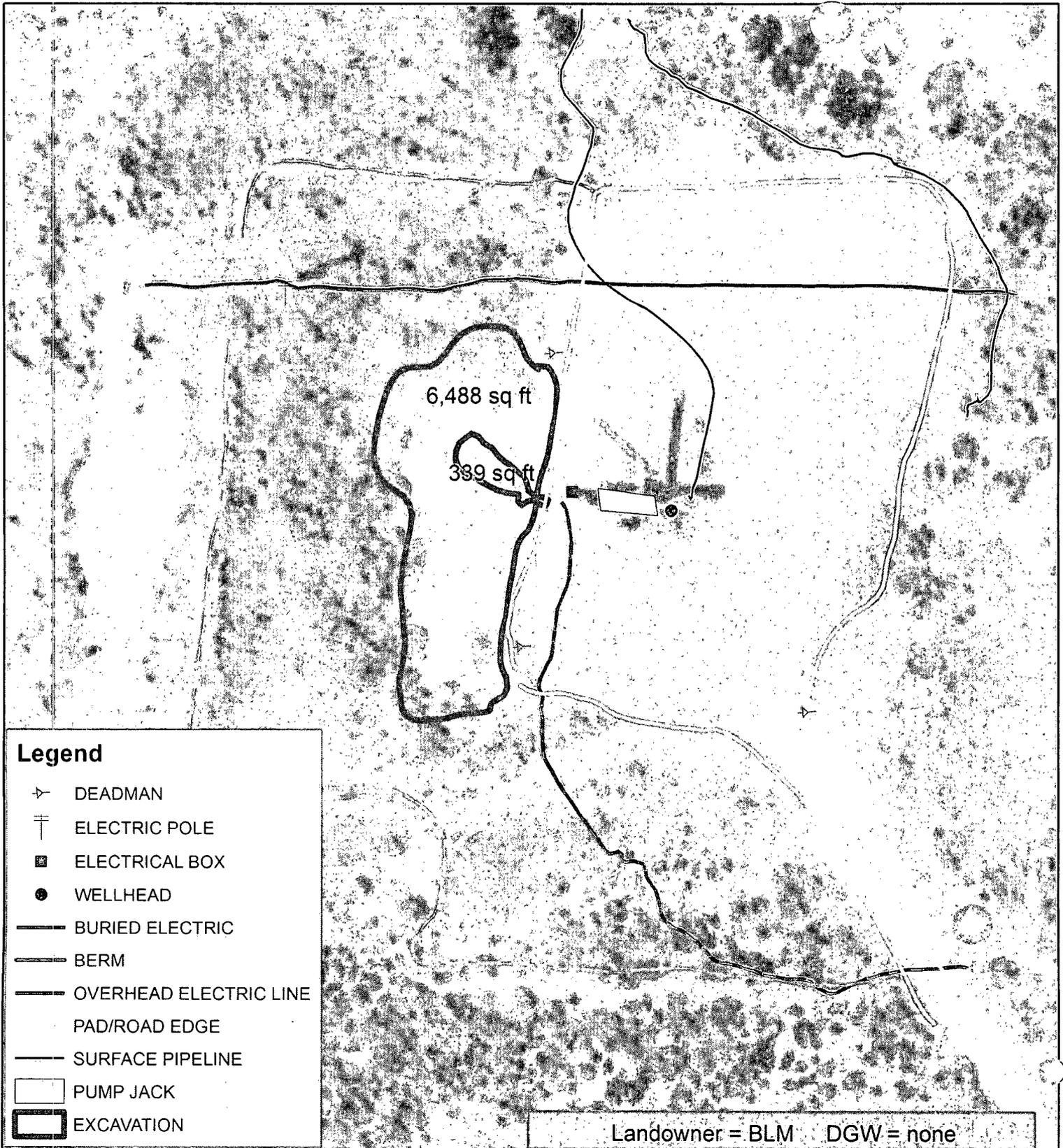
Lara Weinheimer
Project Scientist
RECS
(575) 441-0431

Attachments:

- Figure 1 – Site Map
- Appendix A – Initial C-141
- Appendix B – Photo Documentation
- Appendix C – Final C-141

Figures

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



LINN FREN
OIL #23
 LEGALS UL/ O Sec. 19
 T17S - R31E
 EDDY COUNTY, NM
 NMOCD Case #: 2RP-944

Figure 1

0 30 60
 Feet

GPS date: 8/20/2013 KL
 Drawing date: 8/21/2013
 Drafted by: L. Weinheimer

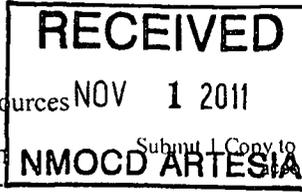
Appendix A

Initial C-141

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

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 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 October 10, 2003

Release Notification and Corrective Action

nMLB1130855162 OPERATOR Initial Report Final Report

Name of Company: Linn Operating 269324	Contact Joe Hernandez
Address 2130 W. Bender Hobbs, NM 88240	Telephone No 575-738-1739
Facility Name: Fren Oil # 23	Facility Type Producing Oil Well
Surface Owner BLM	Mineral Owner BLM
API No. 3001528822	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	19	17S	31E	10	S	1475	E	EDDY

Latitude: 32° 48' 46.6" Longitude: -103° 54' 19.1"

NATURE OF RELEASE

Type of Release, Land <i>Oil & Produced Water</i>	Volume of Release 4-6	Volume Recovered 3-5
Source of Release <i>Oil - Water</i> <i>Stuffing box</i>	Date and Hour of Occurrence 10/27/2011 10 30am	Date and Hour of Discovery 10/27/2011 11 00am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? M Bratcher-NM OCD	
By Whom? Joe Hernandez	Date and Hour 10/27/2011 11 00am	
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 * Stuffing box blew out

Describe Area Affected and Cleanup Action Taken * Called out vac truck and picked up all fluids

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>[Signature]</i>	SIGNED BY <i>Mike Bratcher</i>	
Printed Name Joe Hernandez	Approved by District Supervisor NOV 04 2011	
Title Production Foreman	Approval Date	Expiration Date
E-mail Address jhernandez@linenergy.com	Conditions of Approval	
Date 11/01/2011 Phone 575-942-9492	Remediation per OCD Rules & Guidelines. SUBMIT REMEDIATION PROPOSAL NOT LATER THAN: <u>12/4/2011</u>	
		Attached <input type="checkbox"/>

* Attach Additional Sheets If Necessary

SUBMIT REMEDIATION PROPOSAL NOT LATER THAN:
12/4/2011

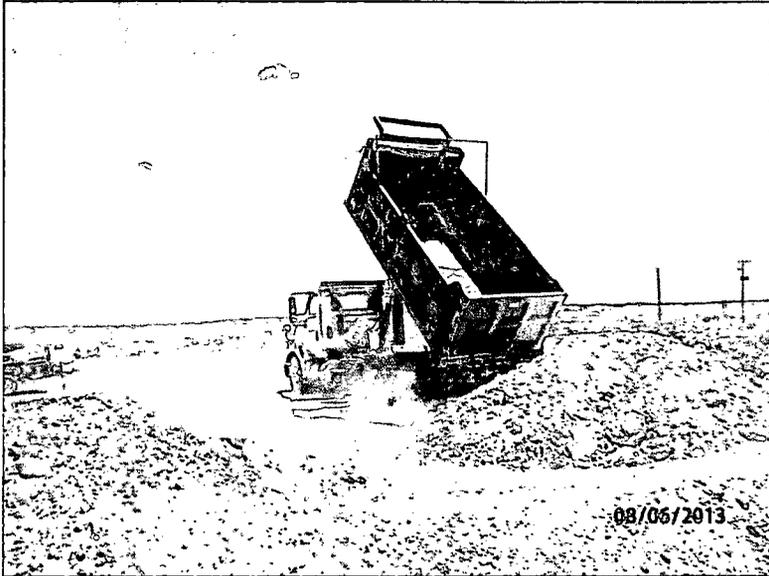
JRP-944

Appendix B

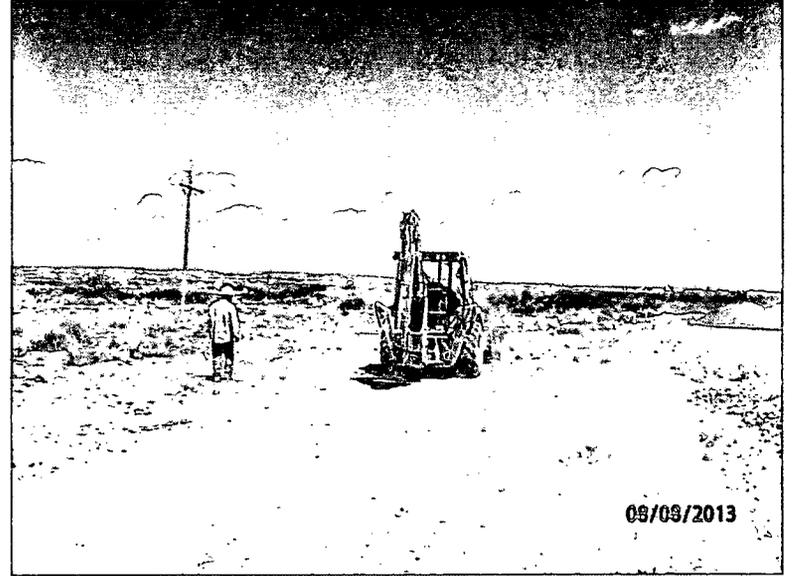
Photo Documentation

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

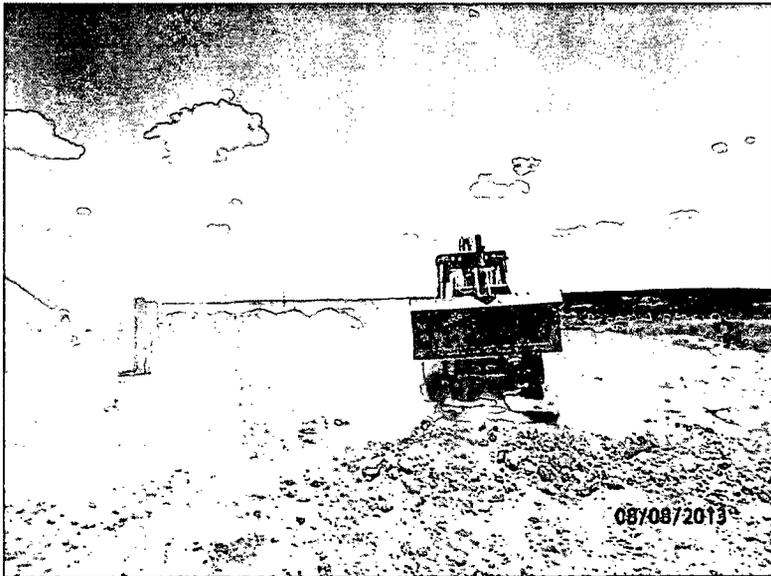
Linn Fren Oil #23
Unit Letter O, Section 19, T17S, R31E



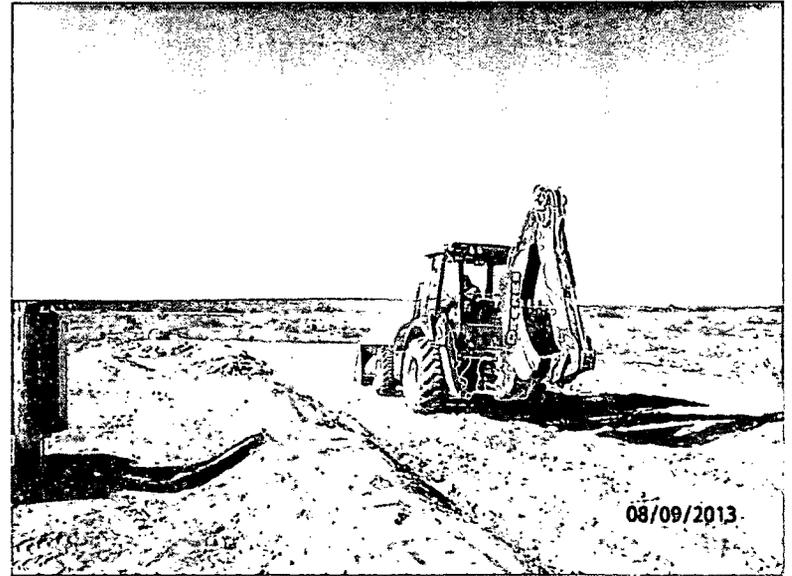
Importing caliche, facing southeast 8/6/13



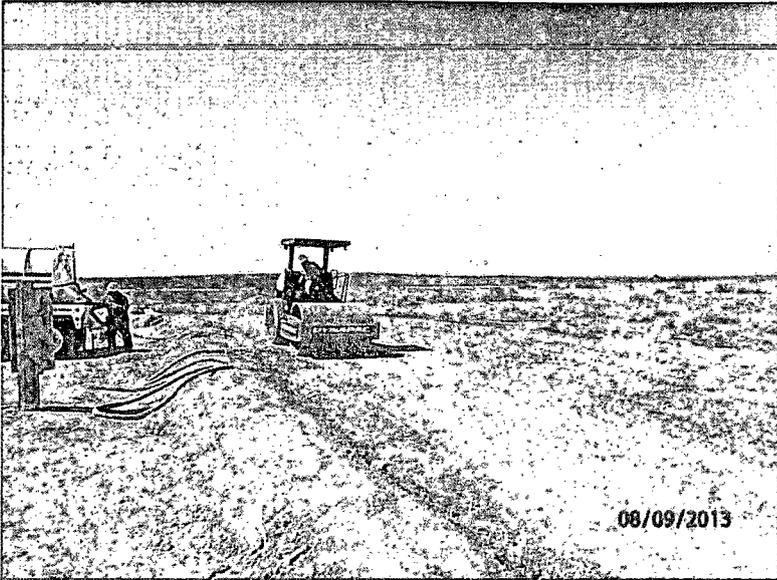
Leveling the pasture area, facing northwest 8/8/13



Installing the 6 inch caliche pad over pasture area, facing south 8/8/13



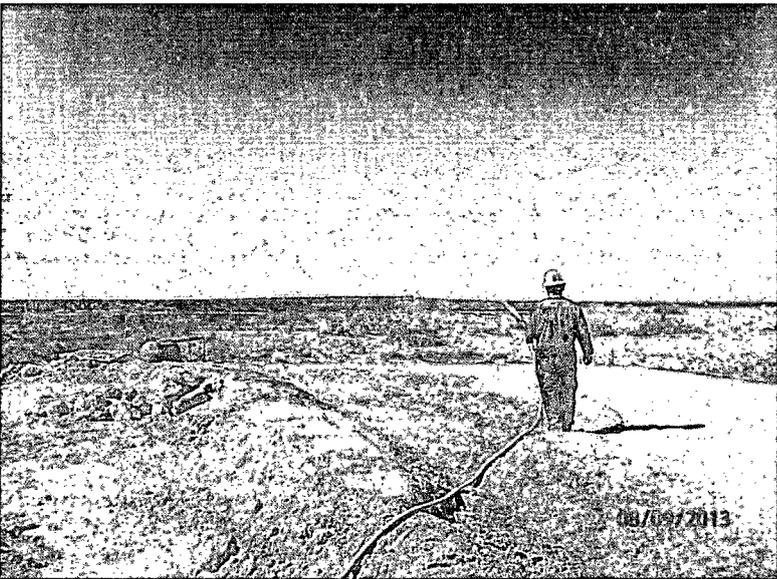
Caliche pad completed, facing southwest 8/9/13



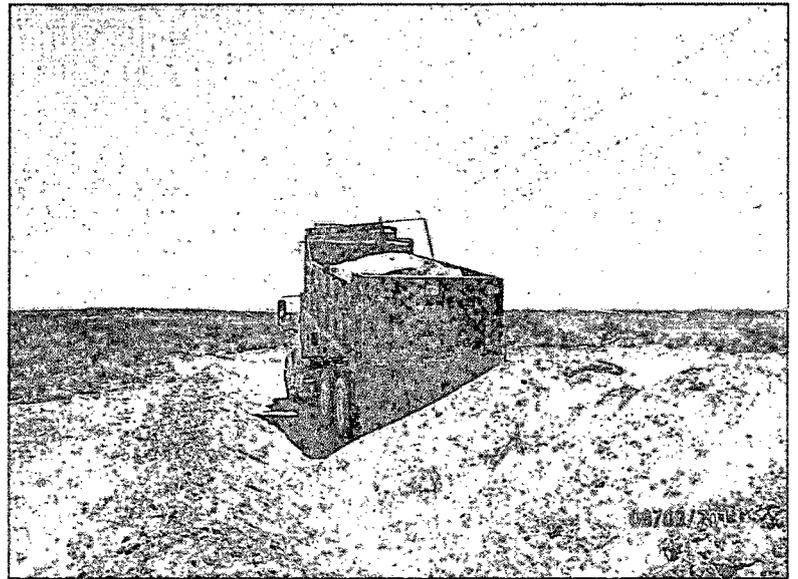
Roller packing caliche pad, facing southwest 8/9/13



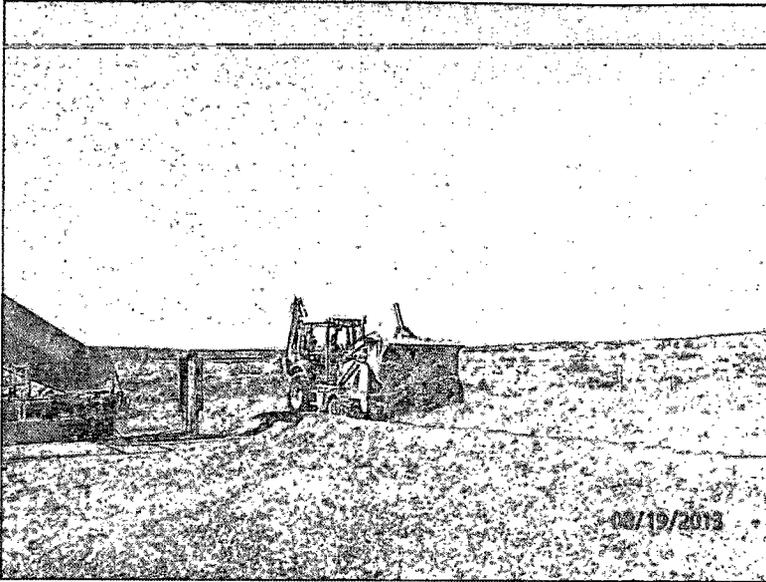
Final packing completed, facing northwest 8/9/13



Watering caliche pad, facing southwest 8/9/13



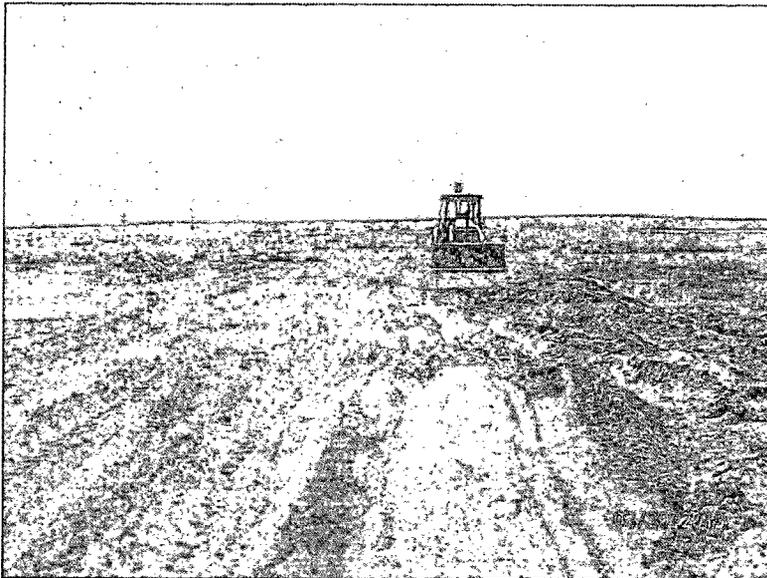
Importing soil, facing east 8/9/13



Backfilling pasture area, facing southwest 8/19/13



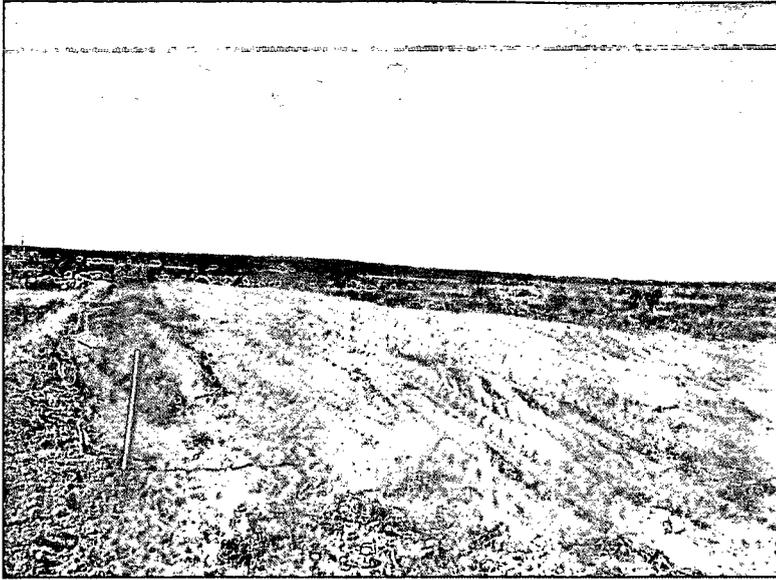
Checking depth of backfill, facing west 8/19/13



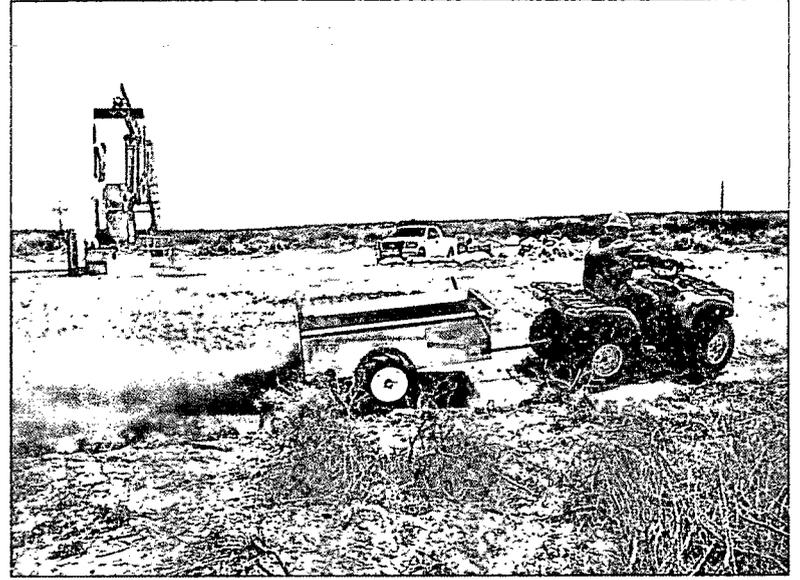
Leveling backfilled area, facing south 8/20/13



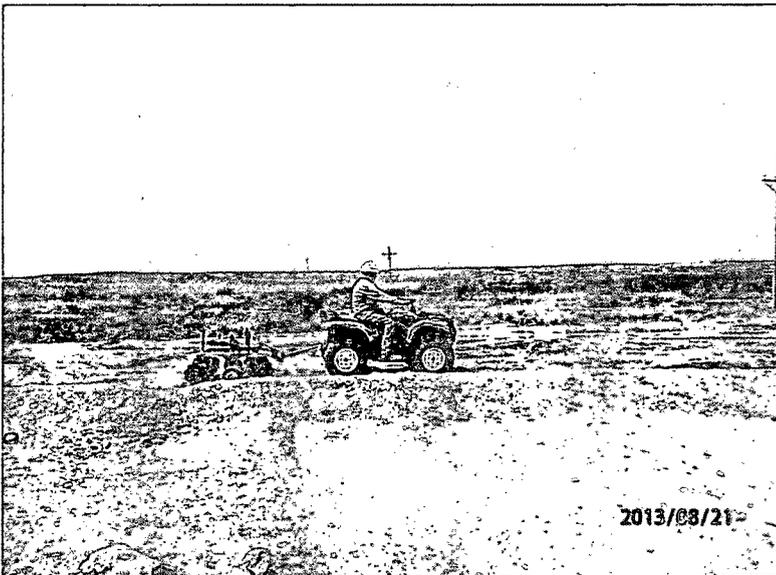
Backfill of pasture completed with berm, facing west 8/20/13



Completed pasture area, facing south 8/21/13



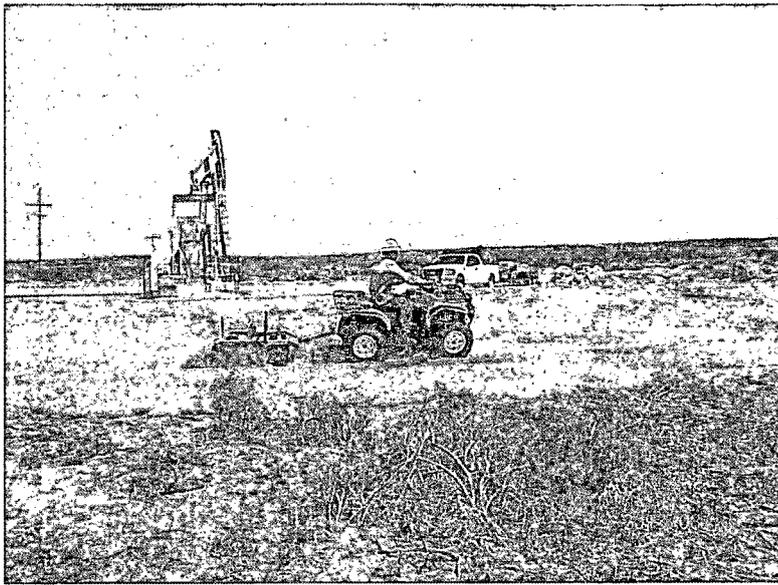
Adding soil amendments to pasture area, facing east 8/21/13



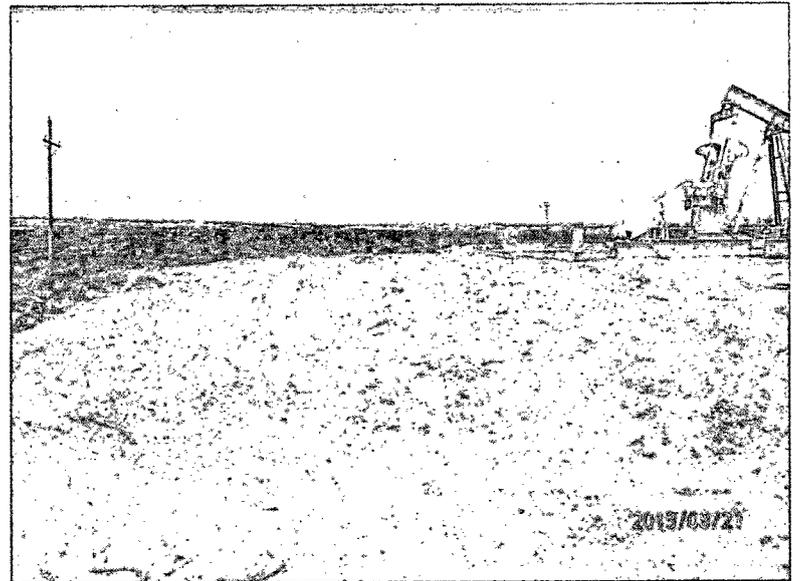
Disking site, facing west 8/21/13



Seeding site, facing north 8/21/13



Disking seed into soil, facing southeast 8/21/13



Site completed, facing north 8/21/13

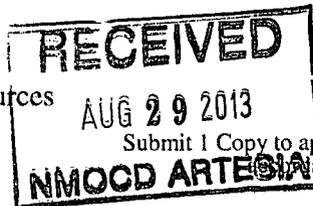
Appendix C

Final C-141

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

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1625 N. French Dr., Hobbs, NM 88240
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Energy Minerals and Natural Resources
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1220 South St. Francis Dr.
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Form C-141
Revised August 8, 2011

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 Fren Oil #23	Facility Type Producing Oil Well	
Surface Owner BLM	Mineral Owner BLM	API No. 3001528822

LOCATION OF RELEASE

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Latitude _____ Longitude _____

NATURE OF RELEASE

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By Whom? Joe Hernandez	Date and Hour 10/27/11 11:00 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.*

Stuffing box blew out. Linn called a vacuum truck out and picked up the standing fluid.

Describe Area Affected and Cleanup Action Taken.* The release covered approximately 339 sq ft in the pasture. On July 29th, 2013, RECS personnel met with BLM regarding the path forward for the site. BLM requested the removal of the plastic from the pasture area and remediation of the area that was without vegetation. The non-vegetated area measured 6,488 sq ft. Since the release area and non-vegetated area were located in a slight depression, the release in the pasture and the non-vegetated area needed a 6 inch caliche pad built over the entire area, then a 2 - 3 foot layer of topsoil to overlie the caliche to provide a seed bed and bring the site up to the surrounding location. On August 8th, 2013, BLM gave verbal approval to begin working on the pasture area. The pasture area was leveled, the plastic was removed and 120 yards of clean caliche were imported to the site. The area was backfilled with 6 inches of caliche and then watered and roller packed to provide a tight seal. 360 yards of clean topsoil was imported to the site and approximately a 2.5 ft layer of the topsoil was placed over the caliche. On August 21st, 2013, the pasture area was disked, soil amendments were added and the site was seeded with LPC seed mix.

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Signature:	OIL CONSERVATION DIVISION	
Printed Name: Brian Wall	Approved by Environmental Specialist:	
Title: Production Foreman	Approval Date: _____	Expiration Date: _____
E-mail Address: Bwall@linenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: _____ Phone: (806) 367-0645		

* Attach Additional Sheets If Necessary

2RP-944