

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

HOBBS OCD

DEC 06 2013

Form C-14
Revised August 8, 2010

RECEIVED

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Apache Corporation
Address 8 Ellison Lane, Eunice NM 88231
Facility Name EBDU #82

Contact Bruce Baker
Telephone No. (432) 631-6982
Facility Type Oil Well

Surface Owner NB Bunin Properties

Mineral Owner

API No. 30-025-39568

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	13	21S	37E	1090	FNL	1500	FWL	Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Oil and Produced Water	Volume of Release 13 bbls	Volume Recovered 5 bbls
Source of Release Stuffing box	Date and Hour of Occurrence 10/11/13	Date and Hour of Discovery 10/11/13

Was Immediate Notice Given?

☐ Yes ☐ No ☒ Not Required

If YES, To Whom?

By Whom?

Date and Hour

Was a Watercourse Reached?

☐ Yes ☒ No

If YES, Volume Impacting the Watercourse.

If a Watercourse was Impacted, Describe Fully.*

DPW = 69'

Describe Cause of Problem and Remedial Action Taken.*

The well pressured up between back pressure valve and stuffing box causing the packing to blow out. The packing was replaced and a vacuum truck was dispatched to pick up the fluid.

Describe Area Affected and Cleanup Action Taken.*

The release affected 8,067 square feet on the lease pad and 635 square feet in the pasture. RECS personnel were on site beginning on October 11th, 2013 to assess the release. Three points were sampled from the surface of the release and field tested for chlorides and for organic vapors using a PID meter. The site was the scraped down six inches and a total of 144 yards of scraped soil was taken to a NMOCD approved facility for disposal. A 5 point bottom composite from the base of the scrape at six inches was taken to a commercial laboratory for analysis. The laboratory chloride reading returned a result of 128 mg/kg, the Gasoline Range Organics (GRO) returned a result of non-detect and the Diesel Range Organics (DRO) returned a result of 14.4 mg/kg. Apache met with NMOCD on October 31st, 2013 and NMOCD approved the site to be backfilled. 180 yards of clean caliche and 16 yards of clean blow sand were imported to the site to serve as backfill. The lease pad was backfilled with the caliche and the pasture with the blow sand. The site was then contoured to the surrounding location.

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: *Bruce Baker*

Printed Name: Bruce Baker

Title: Environmental Tech

E-mail Address: larry.baker@apachecorp.com

Date: 12-5-13

Phone: (432) 631-6982

Attach Additional Sheets If Necessary

OIL CONSERVATION DIVISION

Approved by Environmental Specialist:

Larry Baker
Environmental Specialist

Approval Date: 12/06/13

Expiration Date: -

Conditions of Approval: -

Attached ☐

IRP-11-13-2991

NSA01417753775



EXPLORING WHAT'S POSSIBLE

HOBBS OCD

DEC 06 2013

RECEIVED

APACHE CORPORATION

P.O.Box 1849
Eunice, NM 88231
Phone 575.394.3159

EBDU #82
1RP-11-13-2991

Termination Request

approved
Jeffrey Yelins
Environmental Specialist
NMOC-DIST 1
12/06/13

API No. 30-025-39568

Release Date: October 11th, 2013

Unit Letter C, Section 13, Township 21S, Range 37E

Rice Environmental Consulting & Safety

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

December 5th, 2013

Geoffrey Leking

New Mexico Energy, Minerals, & Natural Resources
Oil Conservation Division, Environmental Bureau – District 1
1625 N. French Dr.
Hobbs, NM 88240-9273

**RE: Termination Request
Apache Corporation – EBDU #82 (1RP-11-13-2991)
UL/C sec. 13 T21S R37E
API No. 30-025-39568**

Mr. Leking:

Apache Corporation (Apache) 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 approximately 4 miles northeast of Eunice, New Mexico at UL/C sec. 13 T21S R37E. NM OSE and BLM records indicate that groundwater will likely be encountered at a depth of approximately 53 +/- feet.

On October 11th, 2013, a release occurred from the stuffing box, releasing 13 barrels of oil and produced water. A vacuum truck was called to the site, which recovered 5 barrels. The release affected 8,067 square feet of lease pad and 635 square feet in the pasture. Apache signed the initial C-141 on October 15th, 2013 and submitted the initial C-141 to NMOCD (Appendix A).

RECS personnel were on site beginning on October 11th, 2013 to assess the release. Three points were sampled from the surface of the release and field tested for chlorides and for organic vapors using a PID meter (Figure 1). The site was scraped down six inches and a total of 144 yards of scraped soil was taken to a NMOCD approved facility for disposal. A 5 point bottom composite from the base of the scrape at six inches was taken to a commercial laboratory for analysis (Figure 2). The laboratory chloride reading returned a result of 128 mg/kg, a Gasoline Range Organics (GRO) returned a result of non-detect and the Diesel Range Organics (DRO) returned a result of 14.4 mg/kg (Appendix B).

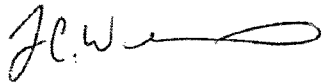
Apache met with NMOCD on October 31st, 2013 and NMOCD approved the site to be backfilled. 180 yards of clean caliche and 16 yards of clean blow sand were imported to the site to serve as backfill. The lease pad was backfilled with the caliche and the pasture with the blow sand. The site was then contoured to the surrounding location.

Photo documentation of these activities can be found in Appendix C.

Given that the contaminated soil was removed from the site and replaced with clean, imported soil, Apache request 'remediation termination' and site closure. A final C-141 will be found in Appendix D.

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 'J.C.W.' followed by a long, horizontal, wavy line.

Lafa Weinheimer
Project Scientist
RECS
(575) 441-0431

Attachments:

- Figure 1 – Initial Sampling Data
- Figure 2 – Scrape Data
- Appendix A – Initial C-141
- Appendix B – Laboratory Analysis
- Appendix C – Photo Documentation
- Appendix D – Final C-141

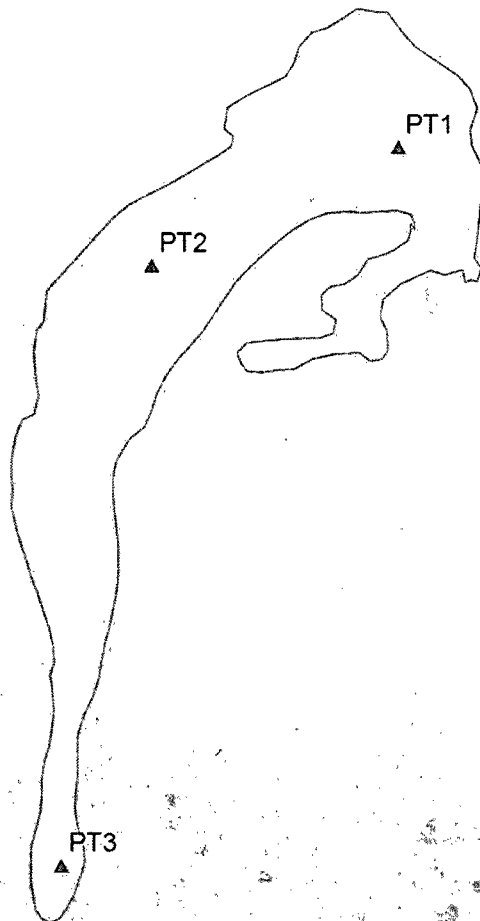
Figures

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

Initial Sampling Data

Initial Field Sampling Data

	CI-	PID
Point 1 Surface	1169	1156
Point 2 Surface	643	1117
Point 3 Surface	598	1221



Legend

▲ SAMPLE POINTS

□ STAIN (8,067 sq ft; 635 sq ft in the pasture)

Landowner: NB Bunin Properties

DGW: 53 ft



APACHE
EBDU #82
1RP-11-13-2991

LEGALS: UL/C sec. 13

T-21-S R-37-E

LEA COUNTY, NM

Figure 1



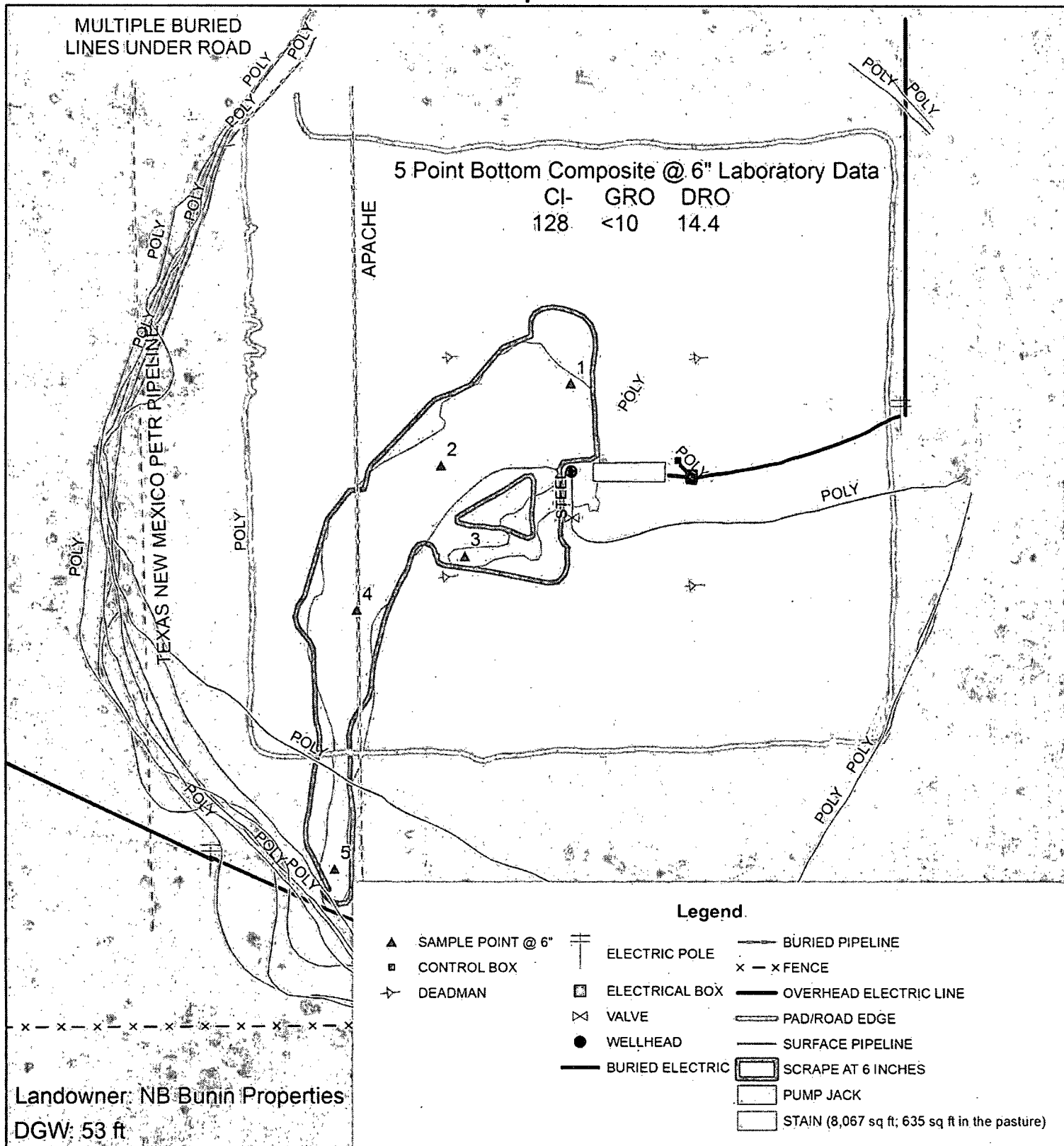
0 30 60
Feet

GPS date: 10/15/13 ZC

Drawing date: 10/15/13

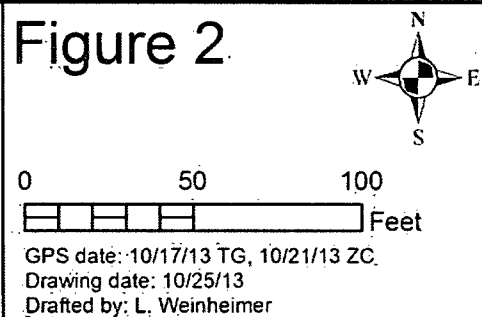
Drafted by: L. Weinheimer

Scrape Data



APACHE
EBDU #82
1RP-11-13-2991
LEGALS: UL/C sec. 13
T-21-S R-37-E
LEA COUNTY, NM

Figure 2



Appendix A

Initial C-141

RICE Environmental Consulting and Safety (RECS)

P.O. Box 2948 Hobbs, NM 88241

Phone 575.393.2967

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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 Apache Corporation	Contact Bruce Baker
Address 8 Ellison Lane Eunice, NM 88231	Telephone No. (432) 631-6982
Facility Name EBDU # 82	Facility Type Oil Well

Surface Owner NB Bunin Properties	Mineral Owner	API No. 30-025-39568
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LOCATION OF RELEASE

Unit Letter C	Section 13	Township 21S	Range 37E	Feet from the 1090'	North/South Line FNL	Feet from the 1500'	East/West Line FWL	County Lea
------------------	---------------	-----------------	--------------	------------------------	-------------------------	------------------------	-----------------------	---------------

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Oil and Produced Water	Volume of Release	Volume Recovered
Source of Release Stuffing Box	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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 well pressured up between back pressure valve and stuffing box causing packing to blow out. The packing was replaced and vacuum truck dispatched to pick up fluid.

Describe Area Affected and Cleanup Action Taken.*
The release was mostly contained on the lease pad with approximately 200 square feet in pasture. The area will be delineated.

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>Bruce Baker</i>	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Bruce Baker	Approved by Environmental Specialist:	
Title: Environmental Technician	Approval Date:	Expiration Date:
E-mail Address: larry.baker@apachecorp.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 10-15-13	Phone: (432) 631-6982	

* Attach Additional Sheets If Necessary

Appendix B

Laboratory Analysis

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

October 25, 2013

BRUCE BAKER

APACHE - EUNICE

P. O. BOX 1849

EUNICE, NM 88231

RE: EBDU #82

Enclosed are the results of analyses for samples received by the laboratory on 10/22/13 8:25.

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.

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

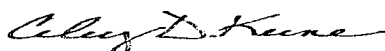
Analytical Results For:APACHE - EUNICE
BRUCE BAKER
P. O. BOX 1849
EUNICE NM, 88231
Fax To: 394-2425Received: 10/22/2013
Reported: 10/25/2013
Project Name: EBDU #82
Project Number: NONE GIVEN
Project Location: NOT GIVENSampling Date: 10/21/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson**Sample ID: 5 PT. BOTTOM COMP (H302542-01)**

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	10/22/2013	ND	400	100	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/24/2013	ND	180	90.0	200	2.46	
DRO >C10-C28	14.4	10.0	10/24/2013	ND	175	87.4	200	1.75	
Surrogate: 1-Chlorooctane		97.4 %	65.2-140						
Surrogate: 1-Chlorooctadecane		110 %	63.6-154						

Cardinal Laboratories

*=Accredited Analyte

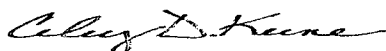
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived 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



Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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.

† Cardinal cannot accept verbal changes. Please fax written changes to 505-398-2476

54

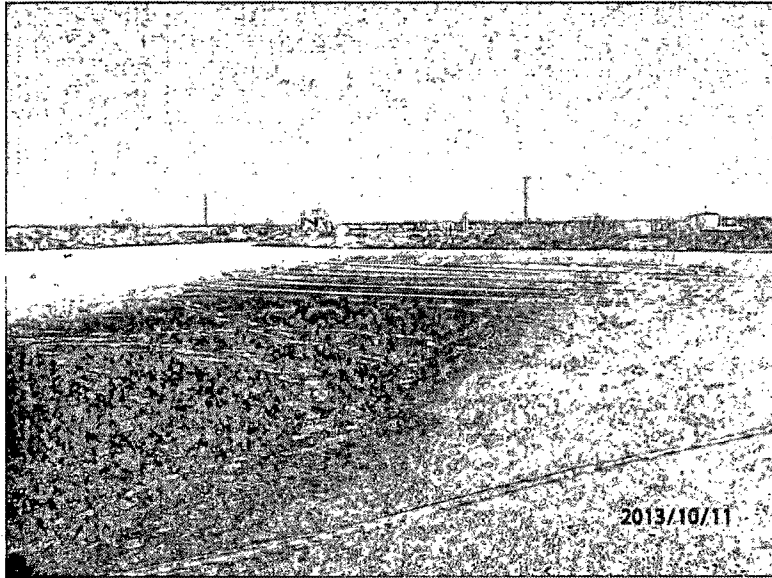
Appendix C

Photo Documentation

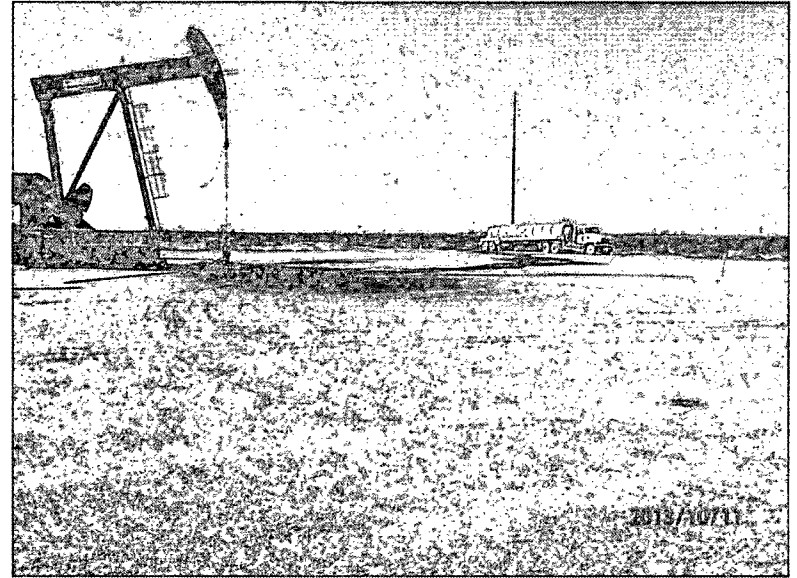
RICE Environmental Consulting and Safety (RECS)
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967

Apache EBDU #82

Unit Letter C, Section 13, T21S, R37E



Initial release area, facing northwest 10/11/13



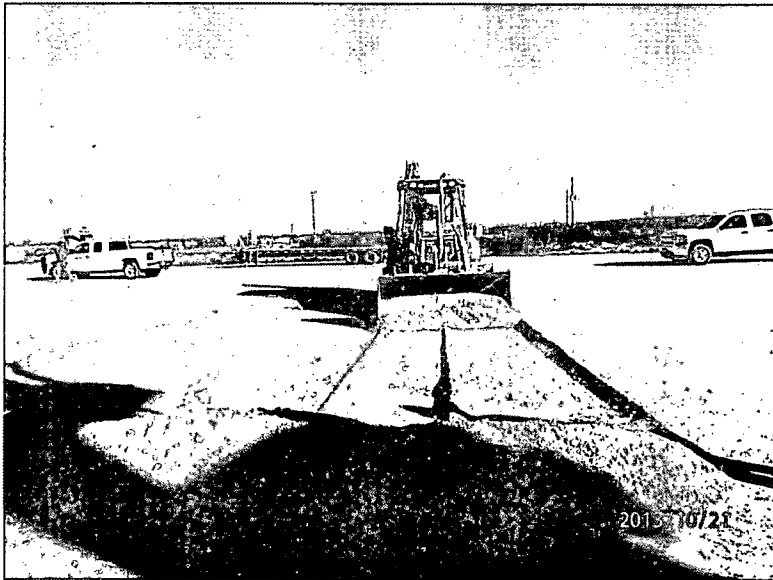
Initial release area, facing southwest 10/11/13



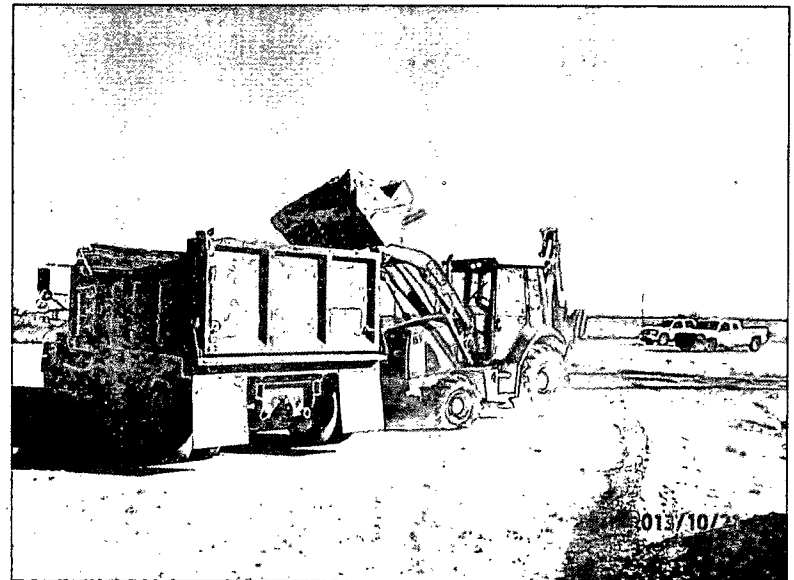
Initial release area, facing north 10/11/13



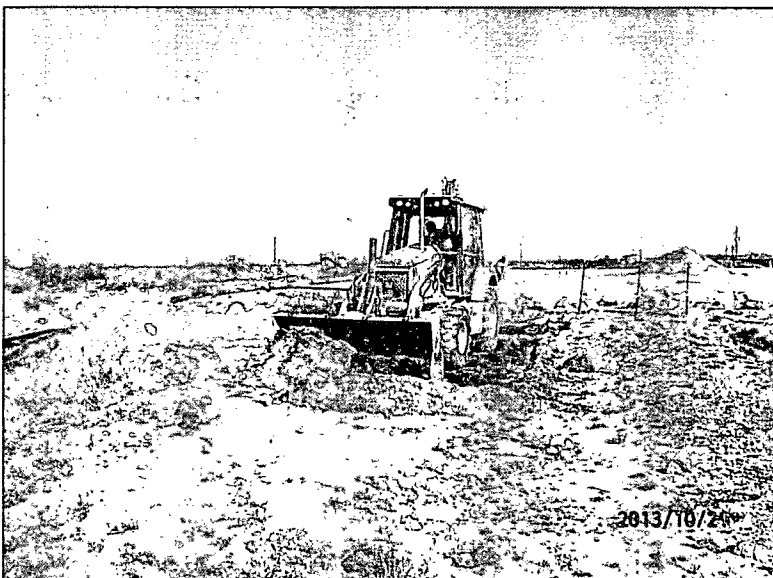
Initial release area, facing north 10/11/13



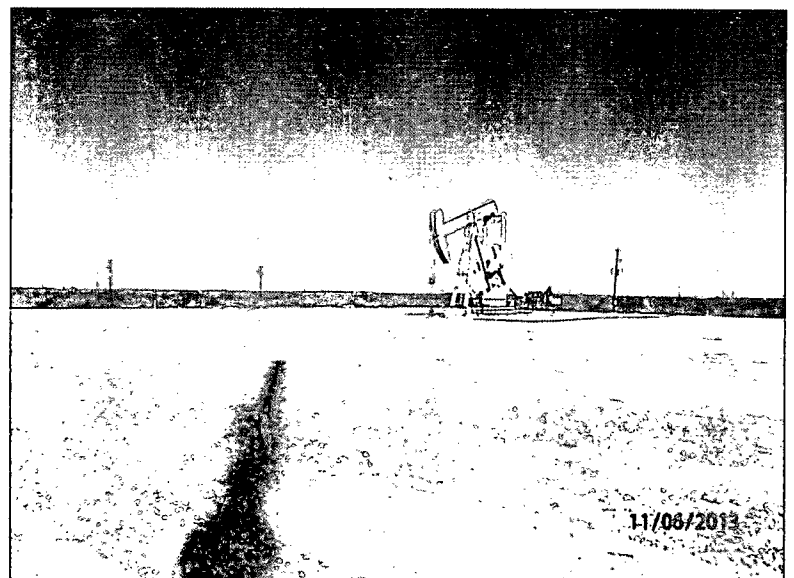
Scraping the release on the pad to 6 inches, facing north
10/21/13



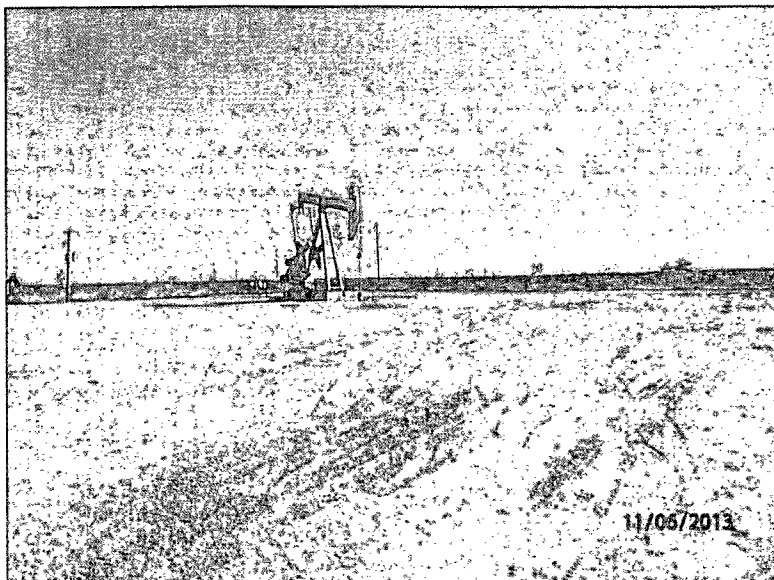
Exporting soil, facing northeast
10/21/13



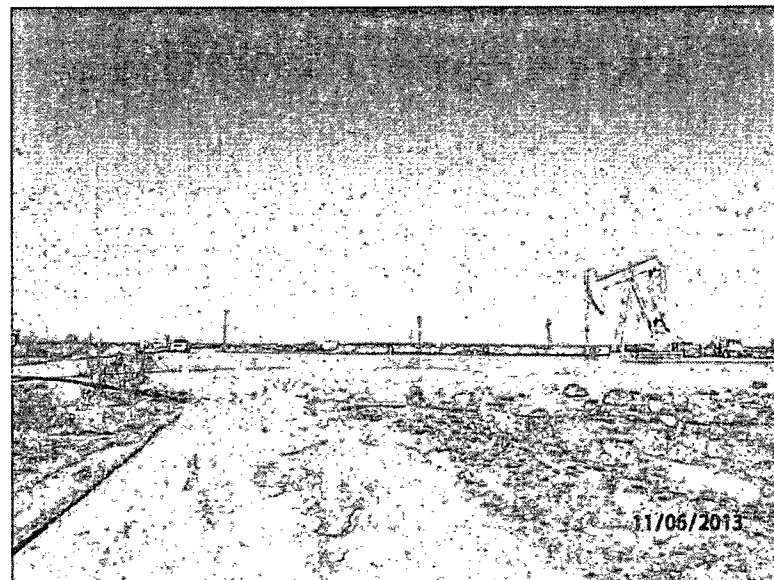
Scraping the pasture, facing northwest
10/21/13



Site backfilled and completed, facing northeast
11/6/13



Site backfilled and completed, facing southeast 11/6/13



Site backfilled and completed, facing north 11/6/13

Appendix D

Final C-141

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

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HOBBS OCD

Form C-141
Revised August 8, 2011

DEC 06 2013

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By Whom?	Date and Hour	
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.*

DTW = 69'

Describe Cause of Problem and Remedial Action Taken.*

The well pressured up between back pressure valve and stuffing box causing the packing to blow out. The packing was replaced and a vacuum truck was dispatched to pick up the fluid.

Describe Area Affected and Cleanup Action Taken.*

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Signature: *Bruce Baker*

Printed Name: Bruce Baker

Title: Environmental Tech

E-mail Address: larry.baker@apachecorp.com

Date: 12-5-13

Phone: (432) 631-6982

OIL CONSERVATION DIVISION

Approved by Environmental Specialist *Larry Baker*
Environmental Specialist

Approval Date: 12/06/13

Expiration Date: -

Conditions of Approval: -

Attached ☐

IRP-11-13-2991

Attach Additional Sheets If Necessary