

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

Form C-141
Revised August 8, 2011

JUN 18 2014
Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

RECEIVED

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 NEDU Central Tank Battery (nearest well #421)	Facility Type Battery

Surface Owner WFM Ranch Ltd Et al	Mineral Owner	API No. 30-025-37028-37026
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	10	21S	37E	1310'	FNL	330'	FEL	Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 25 BBLS	Volume Recovered 20 BBLS
Source of Release injection line	Date and Hour of Occurrence	Date and Hour of Discovery 10-6-13 8:00 a.m.
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mr. Leking	
By Whom?	Date and Hour 10/7/13 at 9:16 a.m.	
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 line was shut in and a vacuum truck was dispatched to pick up fluid.

DTW = 25'

Describe Area Affected and Cleanup Action Taken.*

On October 6th, 2013, Apache discovered a release from an injection line that released 25 barrels of produced water over 14,290 square feet of lease pad and pasture land. A vacuum truck was called to the site and recovered a total of 20 barrels of produced water. The line was repaired and NMOCD was notified of the release on October 7th, 2013. An initial C-141 was signed on October 14th, 2013 and submitted to NMOCD. RECS personnel were on site beginning on October 7th, 2013 to assess the release. The release was sampled at the surface and the samples were field tested for chlorides and organic vapors. All nine surface samples returned elevated field chloride levels and relatively low organic vapor readings. Remediation activities began at the site on October 31st, 2013. The site was scraped down to 3 inches bgs. Bottom grab samples were collected from the base of the scrape and field tested for chlorides and organic vapors. The samples were then taken to a commercial laboratory for analysis and all samples returned values below regulatory standards for chlorides and TPH. A total of 108 cubic yards of contaminated soil was taken to a NMOCD approved facility for disposal. On November 11th, 2013, the site was completed without backfilling due to the shallow nature of the scrape.

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>	OIL CONSERVATION DIVISION <i>[Signature]</i> Environmental Specialist	
Printed Name: Bruce Baker	Approved by Environmental Specialist	
Title: Environmental Tech	Approval Date: 6/18/14	Expiration Date: -
E-mail Address: larry.baker@apachecorp.com	Conditions of Approval: -	Attached <input type="checkbox"/>
Date: 6/17/14	Phone: (432) 631-6982	IRP-11-13-2987

NSAD1417754308



EXPLORING WHAT'S POSSIBLE

HOBBS OCD

JUN 18 2014

RECEIVED

APACHE CORPORATION

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

NEDU Central Tank Battery

1RP-11-13-2987

Termination Request

API No. 30-025-37028 37026

Release Date: October 6th, 2013

Unit Letter A, Section 10, Township 21S, Range 37E

June 17th, 2014

Geoffrey⁵ 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. – NEDU Central Tank Battery

(1RP-11-13-2987)

UL/A sec. 10 T21S R37E

API No. 30-025-37028 37026

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/A sec. 10 T21S R37E. NM OSE records indicate that groundwater will likely be encountered at a depth of approximately 51 +/- feet.

On October 6th, 2013, Apache discovered a release from an injection line that released 25 barrels of produced water over 14,290 square feet of lease pad and pasture land. A vacuum truck was called to the site and recovered a total of 20 barrels of produced water. The line was repaired and NMOCD was notified of the release on October 7th, 2013. An initial C-141 was signed on October 14th, 2013 and submitted to NMOCD (Appendix A).

RECS personnel were on site beginning on October 7th, 2013 to assess the release. The release was sampled at the surface and the samples were field tested for chlorides and organic vapors (Figure 1). All nine surface samples returned elevated field chloride levels and relatively low organic vapor readings.

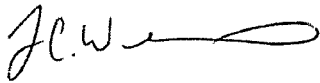
Remediation activities began at the site on October 31st, 2013. The site was scraped down to 3 inches bgs (Figure 2). Bottom grab samples were collected from the base of the scrape and field tested for chlorides and organic vapors. The samples were then taken to a commercial laboratory for analysis and all samples returned values below regulatory standards for chlorides and TPH (Appendix B). A total of 108 cubic yards of contaminated soil was taken to a NMOCD approved facility for disposal. On November 11th, 2013, the site was completed without backfilling due to the shallow nature of the scrape.

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

Given that chloride levels fell below regulatory levels at the 3 inches bgs scrape and Apache has removed the contaminated soil and disposed of it at a NMOCD approved facility, Apache respectfully requests 'remediation termination' and site closure. A final C-141 can 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 'L.W.' followed by a stylized flourish.

Lara Weinheimer
Project Scientist
RECS
(575) 441-0431

Attachments:

- Figure 1—Initial Sampling Data
- Figure 2 – Excavation Data
- Appendix A – Initial C-141
- Appendix B – Laboratory Analyses
- Appendix C – Photo Documentation
- Appendix D – Final C-141

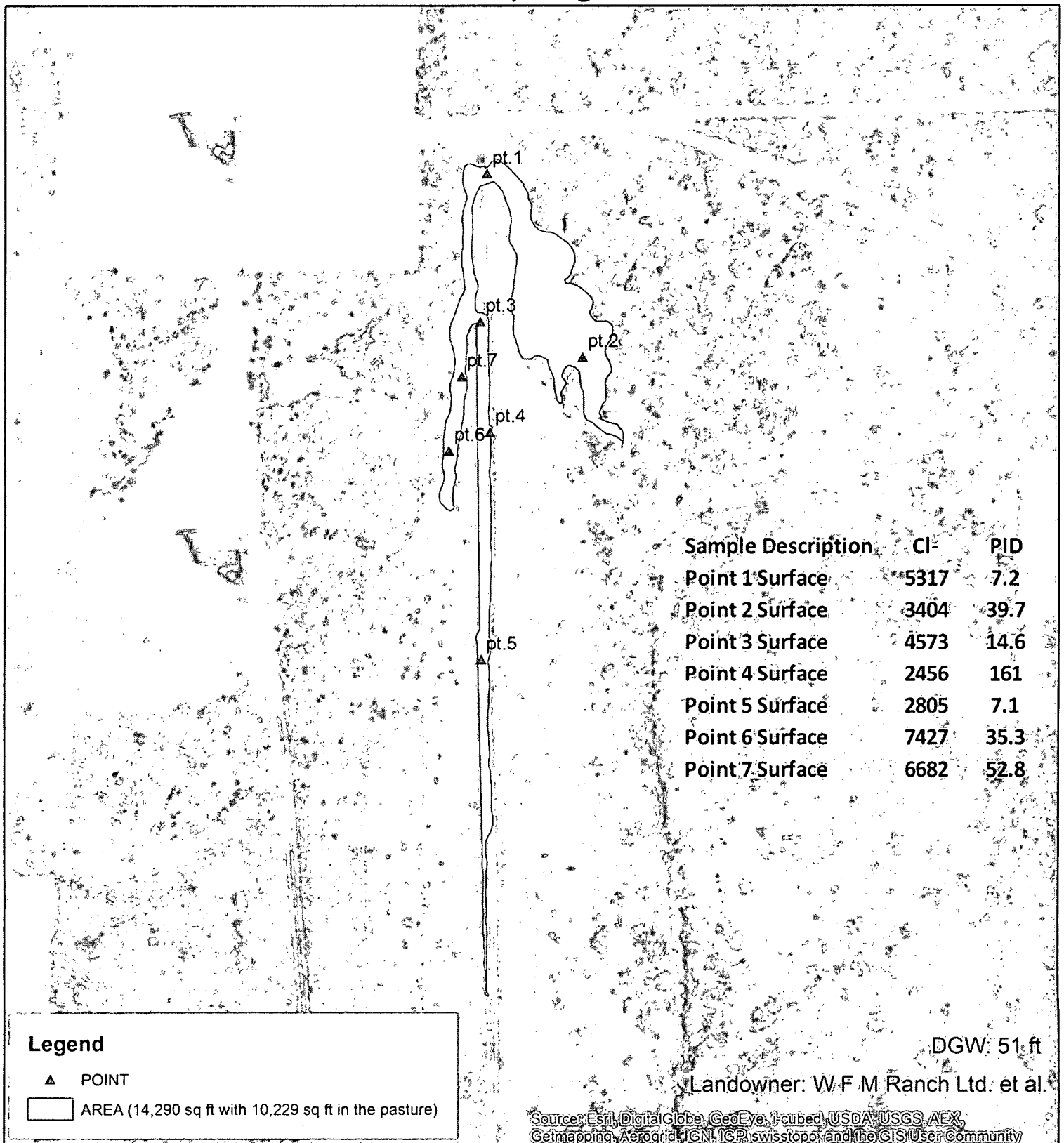
Figures

RICE Environmental Consulting and Safety (RECS)

P.O. Box 2948, Hobbs, NM 88241

Phone 575.393.2967

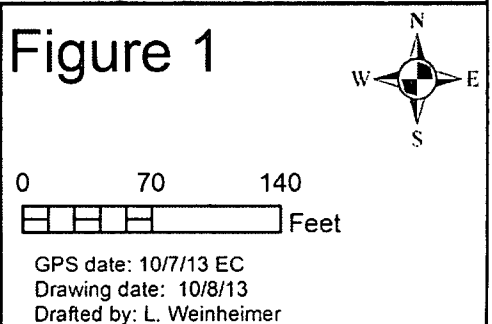
Initial Sampling Data



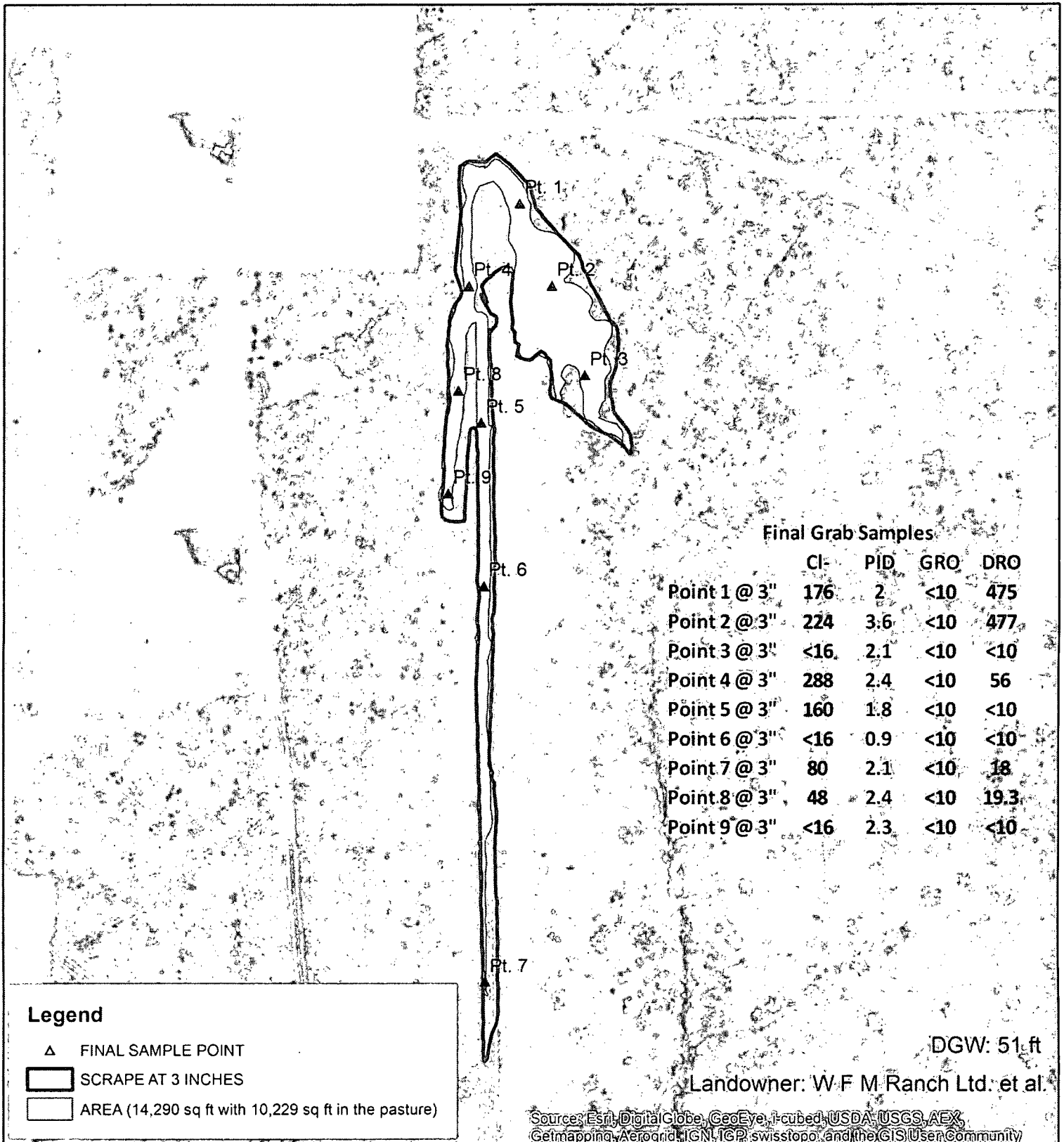
APACHE NEDU CENTRAL TANK BATTERY

LEGALS: UL/A sec. 10
T-21-S R-37-E
LEA COUNTY, NM

Figure 1



Excavation Data



RECS
RICE ENVIRONMENTAL
CONSULTING & SAFETY

APACHE NEDU CENTRAL TANK BATTERY

LEGALS: UL/A sec. 10
T-21-S R-37-E
LEA COUNTY, NM

Figure 2



0 70 140
Feet

GPS date: 11/1/13 EC
Drawing date: 11/6/13
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

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State of New Mexico
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API No. 30-025- 37028 37026	

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Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mr. Leking	
By Whom? Bruce Baker	Date and Hour 10/7/13 at 9:16 a.m.	
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 line was shut in and a vacuum truck was dispatched to pick up fluid.

Describe Area Affected and Cleanup Action Taken.*

A total of 14,290 square feet of area affect with 10,229 square feet pasture. Once line is repaired the site 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.

OIL CONSERVATION DIVISION

Signature: <i>Bruce Baker</i>	Approved by Environmental Specialist:		
Printed Name: Bruce Baker	Approval Date: _____ Expiration Date: _____		
Title: Environmental Technician	Conditions of Approval:		
E-mail Address: larry.baker@apachecorp.com	Attached <input type="checkbox"/>		
Date: 10-14-13	Phone: (432) 631-6982		

Attach Additional Sheets If Necessary

Appendix B

Laboratory Analyses

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

November 06, 2013

BRUCE BAKER

APACHE - EUNICE

P. O. BOX 1849

EUNICE, NM 88231

RE: NEDU CENTRAL BATTERY NORTH INJECTION WELL

Enclosed are the results of analyses for samples received by the laboratory on 11/01/13 15:30.

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.

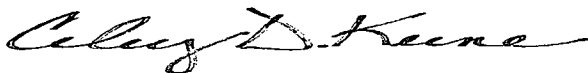
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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: 394-2425

Received:	11/01/2013	Sampling Date:	11/01/2013
Reported:	11/06/2013	Sampling Type:	Soil
Project Name:	NEDU CENTRAL BATTERY NORTH INJEC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PT. 1 (H302677-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/04/2013	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	11/04/2013	ND	200	100	200	0.0305	
DRO >C10-C28	475	10.0	11/04/2013	ND	205	102	200	0.511	
<hr/>									
Surrogate: 1-Chlorooctane	85.5 %	65.2-140							
Surrogate: 1-Chlorooctadecane	96.6 %	63.6-154							

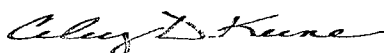
Sample ID: PT. 2 (H302677-02)

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	11/04/2013	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	11/04/2013	ND	200	100	200	0.0305	
DRO >C10-C28	477	10.0	11/04/2013	ND	205	102	200	0.511	
Surrogate: 1-Chlorooctane	85.2 %	65.2-140							
Surrogate: 1-Chlorooctadecane	112 %	63.6-154							

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

APACHE - EUNICE
BRUCE BAKER
P. O. BOX 1849
EUNICE NM, 88231
Fax To: 394-2425

Received:	11/01/2013	Sampling Date:	11/01/2013
Reported:	11/06/2013	Sampling Type:	Soil
Project Name:	NEDU CENTRAL BATTERY NORTH INJEC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PT. 3 (H302677-03)

Chloride, SM4500CI-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	11/04/2013	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	11/04/2013	ND	200	100	200	0.0305	
DRO >C10-C28	<10.0	10.0	11/04/2013	ND	205	102	200	0.511	
Surrogate: 1-Chlorooctane	78.7 %	65.2-140							
Surrogate: 1-Chlorooctadecane	82.0 %	63.6-154							

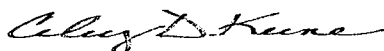
Sample ID: PT. 4 (H302677-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	11/04/2013	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	11/04/2013	ND	200	100	200	0.0305	
DRO >C10-C28	56.0	10.0	11/04/2013	ND	205	102	200	0.511	
Surrogate: 1-Chlorooctane	77.2 %	65.2-140							
Surrogate: 1-Chlorooctadecane	86.0 %	63.6-154							

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

APACHE - EUNICE
BRUCE BAKER
P. O. BOX 1849
EUNICE NM, 88231
Fax To: 394-2425

Received:	11/01/2013	Sampling Date:	11/01/2013
Reported:	11/06/2013	Sampling Type:	Soil
Project Name:	NEDU CENTRAL BATTERY NORTH INJEC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PT. 5 (H302677-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/04/2013	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	11/04/2013	ND	200	100	200	0.0305	
DRO >C10-C28	<10.0	10.0	11/04/2013	ND	205	102	200	0.511	
Surrogate: 1-Chlorooctane		82.8 %	65.2-140						
Surrogate: 1-Chlorooctadecane		87.3 %	63.6-154						


Sample ID: PT. 6 (H302677-06)

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	11/04/2013	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	11/04/2013	ND	200	100	200	0.0305	
DRO >C10-C28	<10.0	10.0	11/04/2013	ND	205	102	200	0.511	
Surrogate: 1-Chlorooctane		76.5 %	65.2-140						
Surrogate: 1-Chlorooctadecane		80.7 %	63.6-154						

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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BRUCE BAKER
P. O. BOX 1849
EUNICE NM, 88231
Fax To: 394-2425

Received:	11/01/2013	Sampling Date:	11/01/2013
Reported:	11/06/2013	Sampling Type:	Soil
Project Name:	NEDU CENTRAL BATTERY NORTH INJEC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PT. 7 (H302677-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/04/2013	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	11/04/2013	ND	200	100	200	0.0305	
DRO >C10-C28	18.0	10.0	11/04/2013	ND	205	102	200	0.511	
Surrogate: 1-Chlorooctane	100 %	65.2-140							
Surrogate: 1-Chlorooctadecane	109 %	63.6-154							

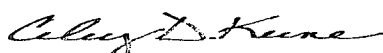
Sample ID: PT. 8 (H302677-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/04/2013	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	11/04/2013	ND	200	100	200	0.0305	
DRO >C10-C28	19.3	10.0	11/04/2013	ND	205	102	200	0.511	
Surrogate: 1-Chlorooctane	108 %	65.2-140							
Surrogate: 1-Chlorooctadecane	121 %	63.6-154							

Cardinal Laboratories

*=Accredited Analyte

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Project Name:	NEDU CENTRAL BATTERY NORTH INJEC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

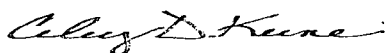
Sample ID: PT. 9 (H302677-09)

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	11/04/2013	ND	400	100	400	3.92		
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	11/04/2013	ND	200	100	200	0.0305		
DRO >C10-C28	<10.0	10.0	11/04/2013	ND	205	102	200	0.511		
<hr/>										
Surrogate: 1-Chlorooctane		92.7 %	65.2-140							
Surrogate: 1-Chlorooctadecane		102 %	63.6-154							

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

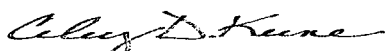
Notes and Definitions

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

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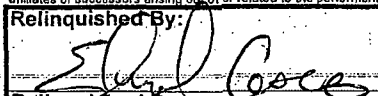
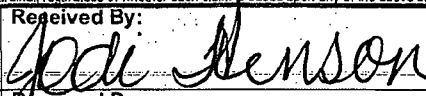
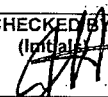
Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: APACHE				BILL TO				ANALYSIS REQUEST															
Project Manager: LARRY BAKER				P.O. #:																			
Address:				Company:																			
City:		State:		Zip:		Attn:																	
Phone #:		Fax #:		Address:																			
Project #:		Project Owner:		City:																			
Project Name:				State:																Zip:			
Project Location: NEDUCENTRAL BATTERY NORTH INJECTION WELL				Phone #:																			
Sampler Name: EDWARD CESAREO				Fax #:																			
FOR LAB USE ONLY																							
Lab I.D.		Sample I.D.		GIRAB OR (COMP. # CONTAINERS)		MATRIX		PRESERV		SAMPLING		<div style="display: flex; flex-direction: column; align-items: center;"> <div>CHLORIDES</div> <div>TPH</div> </div>											
H302677																							
1 Pt. 1																							
2 Pt. 2																							
3 Pt. 3																							
4 Pt. 4																							
5 Pt. 5																							
6 Pt. 6																							
7 Pt. 7																							
8 Pt. 8																							
9 Pt. 9																							

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: 		Date: 11-1-13		Received By: 		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: 3:30						Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:	
Relinquished By:		Date:		Received By:		REMARKS: Larry baker @ apache corp .com lweinhiemer @ rice-ecs .com hconder @ riceswd .com Knorman @ rice-ecs .com	
Delivered By: (Circle One)				Sample Condition		CHECKED BY: 	
Sampler - UPS - Bus - Other:				Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No			

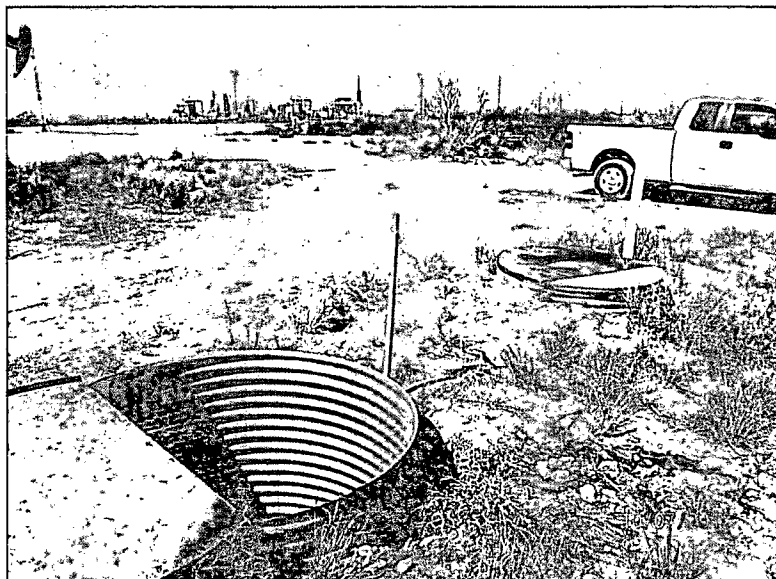
Appendix C

Photo Documentation

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

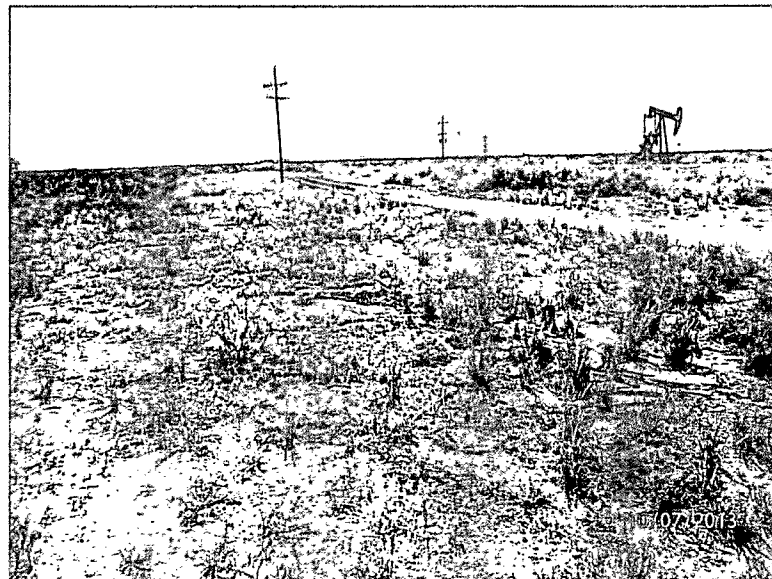
Apache NEDU Central Tank Battery

Unit Letter A, Section 10, T21S, R37E



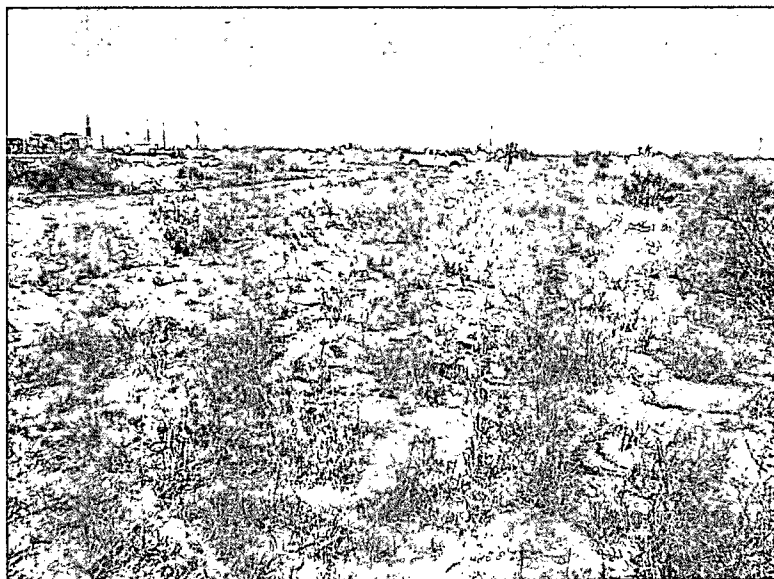
Source of release, facing northwest

10/7/13



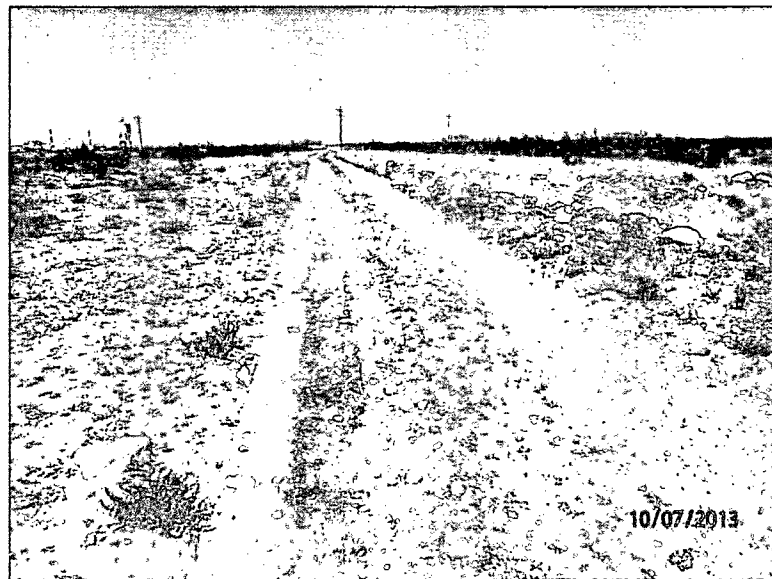
Initial release area, facing southwest

10/7/13



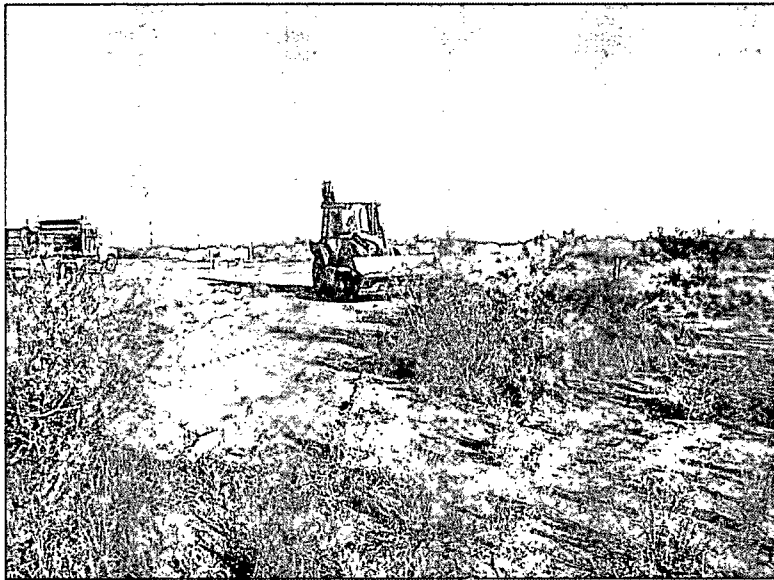
Initial release area, facing northwest

10/7/13

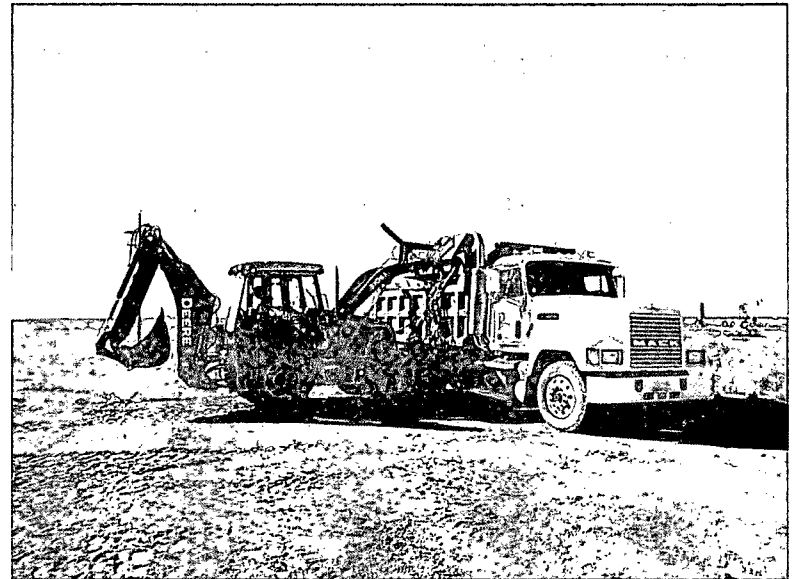


Initial release area, facing north

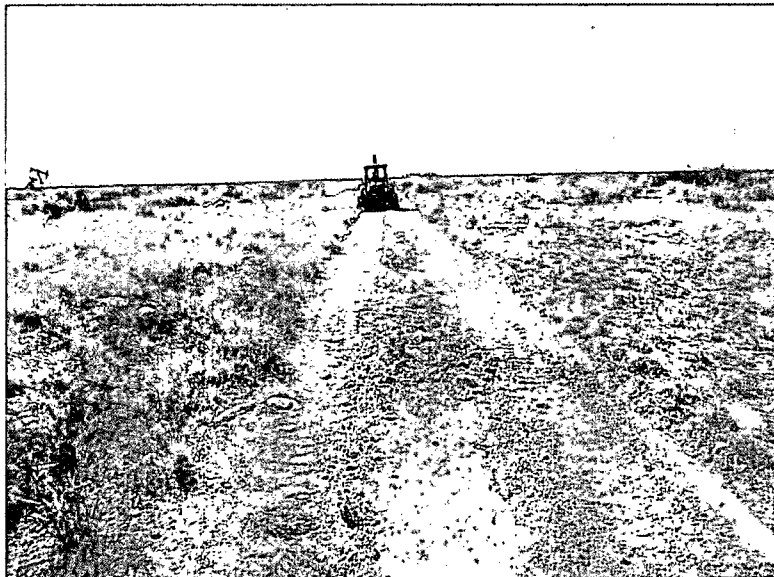
10/7/13



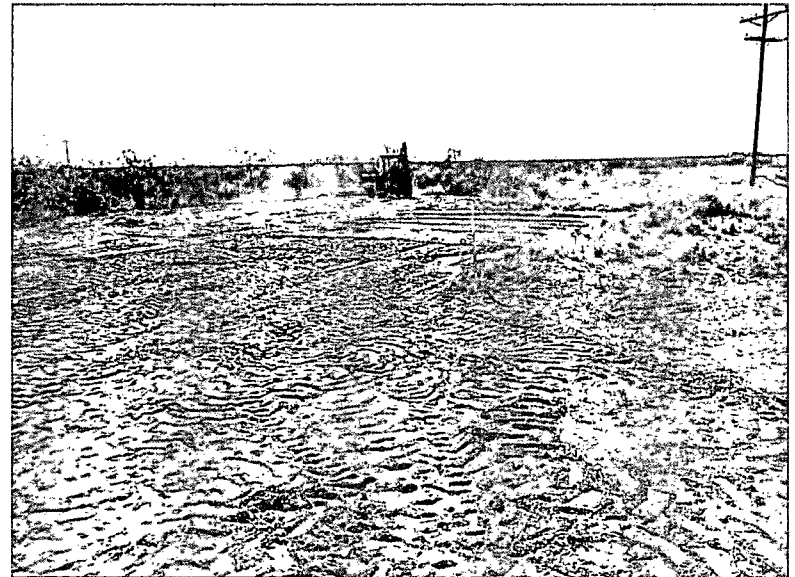
Scraping release 3 inches, facing north 10/31/13



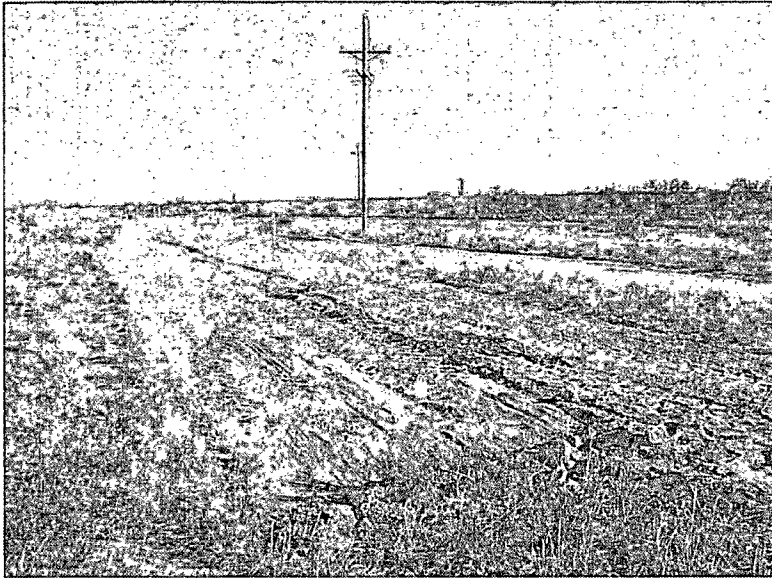
Exporting soil, facing south 10/31/13



Scraping the road, facing south 10/31/13



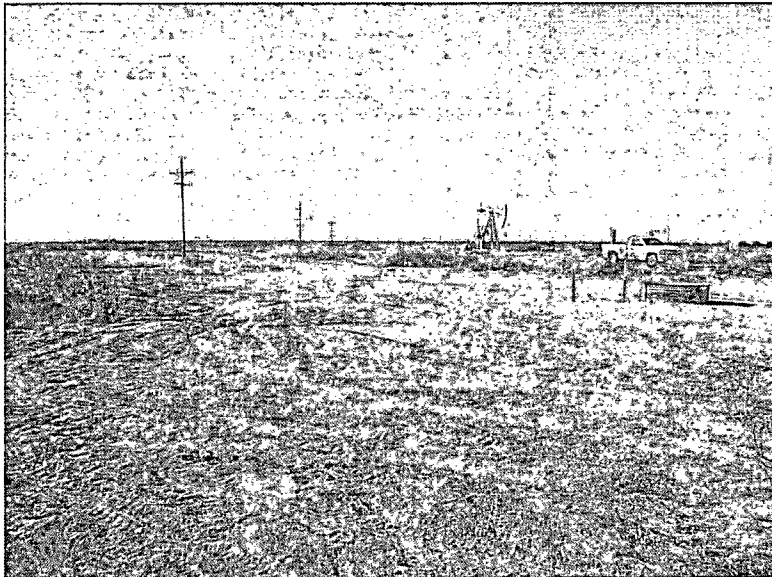
Scraping southeast corner, facing southeast 10/31/13



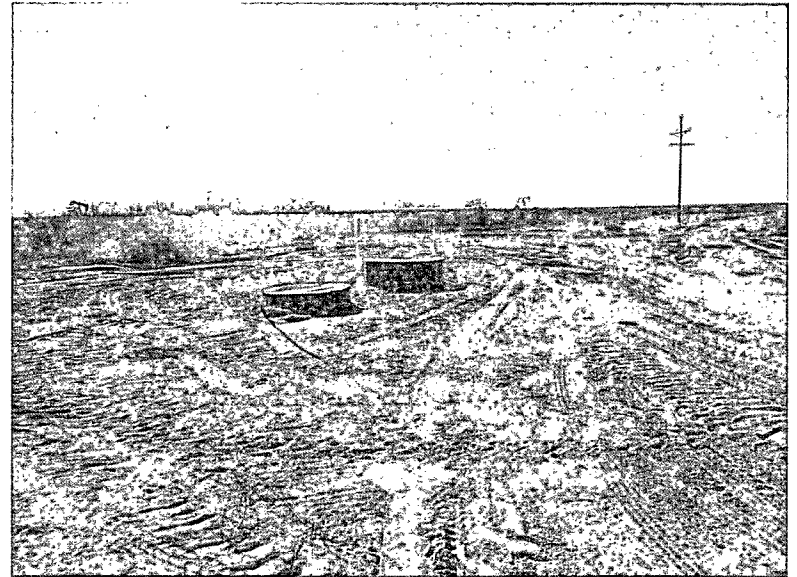
Excavation completed, facing northeast 11/1/13



Excavation completed, facing northwest 11/1/13



Excavation completed, facing southwest 11/1/13



Excavation completed, facing southeast 11/1/13

Appendix D

Final 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
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

JUN 18 2014
Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Form C-141
Revised August 8, 2011

RECEIVED

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 NEDU Central Tank Battery (nearest well #421)	Facility Type Battery

Surface Owner WFM Ranch Ltd Et al	Mineral Owner	API No. 30-025-37028-37026
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	10	21S	37E	1310'	FNL	330'	FEL	Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 25 BBLS	Volume Recovered 20 BBLS
Source of Release injection line	Date and Hour of Occurrence	Date and Hour of Discovery 10-6-13 8:00 a.m.
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mr. Leking	
By Whom?	Date and Hour 10/7/13 at 9:16 a.m.	
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 line was shut in and a vacuum truck was dispatched to pick up fluid. DTW=25'		

Describe Area Affected and Cleanup Action Taken.*
On October 6th, 2013, Apache discovered a release from an injection line that released 25 barrels of produced water over 14,290 square feet of lease pad and pasture land. A vacuum truck was called to the site and recovered a total of 20 barrels of produced water. The line was repaired and NMOCD was notified of the release on October 7th, 2013. An initial C-141 was signed on October 14th, 2013 and submitted to NMOCD. RECS personnel were on site beginning on October 7th, 2013 to assess the release. The release was sampled at the surface and the samples were field tested for chlorides and organic vapors. All nine surface samples returned elevated field chloride levels and relatively low organic vapor readings. Remediation activities began at the site on October 31st, 2013. The site was scraped down to 3 inches bgs. Bottom grab samples were collected from the base of the scrape and field tested for chlorides and organic vapors. The samples were then taken to a commercial laboratory for analysis and all samples returned values below regulatory standards for chlorides and TPH. A total of 108 cubic yards of contaminated soil was taken to a NMOCD approved facility for disposal. On November 11th, 2013, the site was completed without backfilling due to the shallow nature of the scrape.

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>	OIL CONSERVATION DIVISION <i>Larry Baker</i> Environmental Specialist	
Printed Name: Bruce Baker	Approved by Environmental Specialist	
Title: Environmental Tech	Approval Date: 6/18/14	Expiration Date: -
E-mail Address: larry.baker@apachecorp.com	Conditions of Approval: -	Attached <input type="checkbox"/>
Date: 6/17/14	Phone: (432) 631-6982	IRP-11-13-2987