

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
1 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

HOBBS OCD

Form C-141
Revised October 10, 2003

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

AUG 09 2012 Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

RECEIVED

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Apache Corporation	Contact Natalie Gladden	
Address P.O. Box 1849 Eunice, NM 88231	Telephone No. 575-390-4186	
Facility Name Elliott A Battery (Elliott A #10)	Facility Type Production	
Surface Owner Apache Corp	Mineral Owner State of NM	Lease No. 30-025-39151

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	21	21S	37E	660	FNL	330	FEL	Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Oil and Water	Volume of Release 150bbbls	Volume Recovered 140bbbls
Source of Release Firetube	Date and Hour 12/25/09	Date and Hour of Discovery 12/25/09
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jeff Leking	
By Whom? Natalie Gladden	Date and Hour 12/29/09 8am	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		


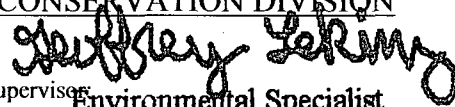
Describe Cause of Problem and Remedial Action Taken.*

Firetube busted releasing fluid inside the lined battery, then the circulating pump was not shut in, therefore more fluid was released on the outside of the bermed area and on the location itself.

Describe Area Affected and Cleanup Action Taken.*

Standing fluid was picked up and part of the fluid was put back into the system. Location was excavated and met the NMOCD Guidelines. Inside the lined battery, the contamination was hand dug and hauled to disposal as well. Then fresh chat will be placed back inside the bermed area.

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: 	OIL CONSERVATION DIVISION	
Printed Name: Natalie Gladden	Approved by District Supervisor:  Environmental Specialist	
Title: Environmental Tech	Approval Date: 8/9/12	Expiration Date: -
E-mail Address: natalie.gladden@apachecorp.com	Conditions of Approval: -	Attached <input type="checkbox"/> IRP-10-1-2403
Date: 07/25/12	Phone: 575-390-4186	

* Attach Additional Sheets If Necessary

JUN 23 2014



HOBBS OCD

AUG 09 2012

RECEIVED

Elliott A Battery
Nearest well (Elliott A #10)

Lea County
Unit A, 21, 21S, 37E
660' FNL and 330' FEL
API # 30-025-39151
Release Date: 12/25/09

Prepared by: Natalie Gladden
Apache Corporation

HOBBS OCD

AUG 09 2012

RECEIVED

Dear Geoffrey,

Attached you will find a copy of the original C141, Final C141, a diagram of the contamination area along with sample points with sample results and final analyticals taken from this site.

With this information that is provided, Apache Corporation respectfully requests your review and approval of the closure document for the produced water release that occurred at the Apache Elliott A Battery.

If you have any questions or concerns, please feel free to contact me at any time.

Sincerely,

A handwritten signature in black ink, appearing to read "Natalie Gladden". The signature is fluid and cursive, with the first name "Natalie" and last name "Gladden" clearly distinguishable.

Natalie Gladden

EH&S Environmental Tech

Permian New Mexico District

The purpose of this report is to document the remediation activities and present supporting analytical data to the NMOCD, requesting closure of the referenced produced water and hydrocarbon release incident in accordance with the Guidelines for Remediation of Leaks, Spills and Releases.

On December 25th 2009, the fire-tube busted releasing fluid inside the lined battery, then the circulating pump was not shut in, therefore more fluid was released on the outside of the bermed area. The pea gravel from inside the lined facility was had excavated and hauled to disposal, with replacement of pea gravel. The contaminated area outside of the berm area; Sample 1 at 352-ppm was left in place due to protecting the liner, Sample two was excavated to 288-ppm due to a buried line, Sample 3 and 4 were excavated to below the levels of 250-ppm and Sample 5 was excavated to 288-ppm due to lines in the area.

The contaminated soil was excavated, 1,008 cubic yards of contaminated soil was hauled to Sundance Disposal. 36 cubic yards of chat was hauled in to replace the contaminated soil inside the lined facility. 936 cubic yards of caliche was purchased from a local land owner for backfill.

Based on the analytical results of the confirmation soil samples collected from the excavation and which ranges varied due to on site specific situations.

Consequently, no further action is recommended or planned for this site at this time and on behalf of Apache Corporation we respectfully request that the NMOCD grant closure for the Elliott A Battery Release.

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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

SENT

JAN 07 2010

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Revised October 10, 2003

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☒ Initial Report ☐ Final Report

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Address P.O. Box 1849 Eunice, NM 88231	Telephone No. 575-390-4186
Facility Name Elliott A Battery (Elliott A #10)	Facility Type Production

Surface Owner Apache Corp	Mineral Owner State of NM	Lease No. 30-025-39151
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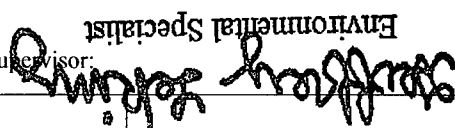
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Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Natalie Gladden	Approved by District Supervisor: 	
Title: Environmental Tech	Approval Date:	Expiration Date:
mail Address: natalie.gladden@apachecorp.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 1/7/10 Phone: 575-390-4186		

* Attach Additional Sheets If Necessary



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

April 13, 2010

Natalie Gladden
Apache Corporation
P.O. Box 1849
Eunice, NM 88231

Re: Elliott A Battery

Enclosed are the results of analyses for sample number H19635, received by the laboratory on 04/09/10 at 2:15 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely,

Celey D. Keene
Laboratory Director

This report conforms with NELAP requirements.



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

ANALYTICAL RESULTS FOR
APACHE CORPORATION
ATTN: NATALIE GLADDEN
P.O. BOX 1849
EUNICE, NM 88231

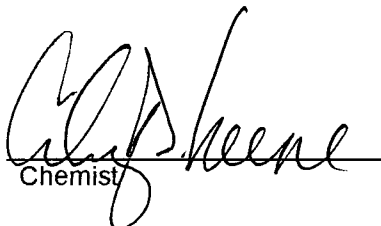
Receiving Date: 04/09/10
Reporting Date: 04/12/10
Project Owner: NOT GIVEN
Project Name: ELLIOTT A BATTERY
Project Location: NOT GIVEN

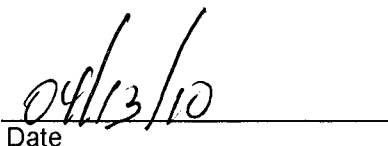
Analysis Date: 04/12/10
Sampling Date: 03/17/10
Sample Type: SOIL
Sample Condition: INTACT @ 13°C
Sample Received By: AB
Analyzed By: HM

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/kg)
H19635-1	SP1	352
H19635-2	SP2	288
H19635-3	SP3	208
H19635-4	SP4	96
H19635-5	SP5	288
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		4.1

METHOD: Standard Methods	4500-Cl ⁻ B
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Note: Analyses performed on 1:4 w:v aqueous extracts.


Chemist


Date

H19635 APACHE

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 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.

**CARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: APACHE CORPORATION				BILL TO				ANALYSIS REQUEST															
Project Manager: NATALIE GLADDEN				P.O. #:																			
Address: P.O. BOX 1849				Company:																			
City: EUNICE		St NM		Zip #		Attn:																	
Phone #: 575-390-4186		Fax #:		Address:																			
Project #:				Project Owner:																City:			
Project Name: ELLIOTT A BATTERY				State:																Zip:			
Project Location:				Phone #:																			
Sampler Name: NATALIE GLADDEN				Fax #:																			
FOR LAB USE ONLY																							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.			SAMPLING		CHLORIDES								
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME									
H19635-1	SP1					X							3/17	7AM									
-2	SP2					X							3/17	730AM									
-3	SP3					X							3/17	745AM									
-4	SP4					X							3/17	0810AM									
-5	SP5					X							3/17	825AM									

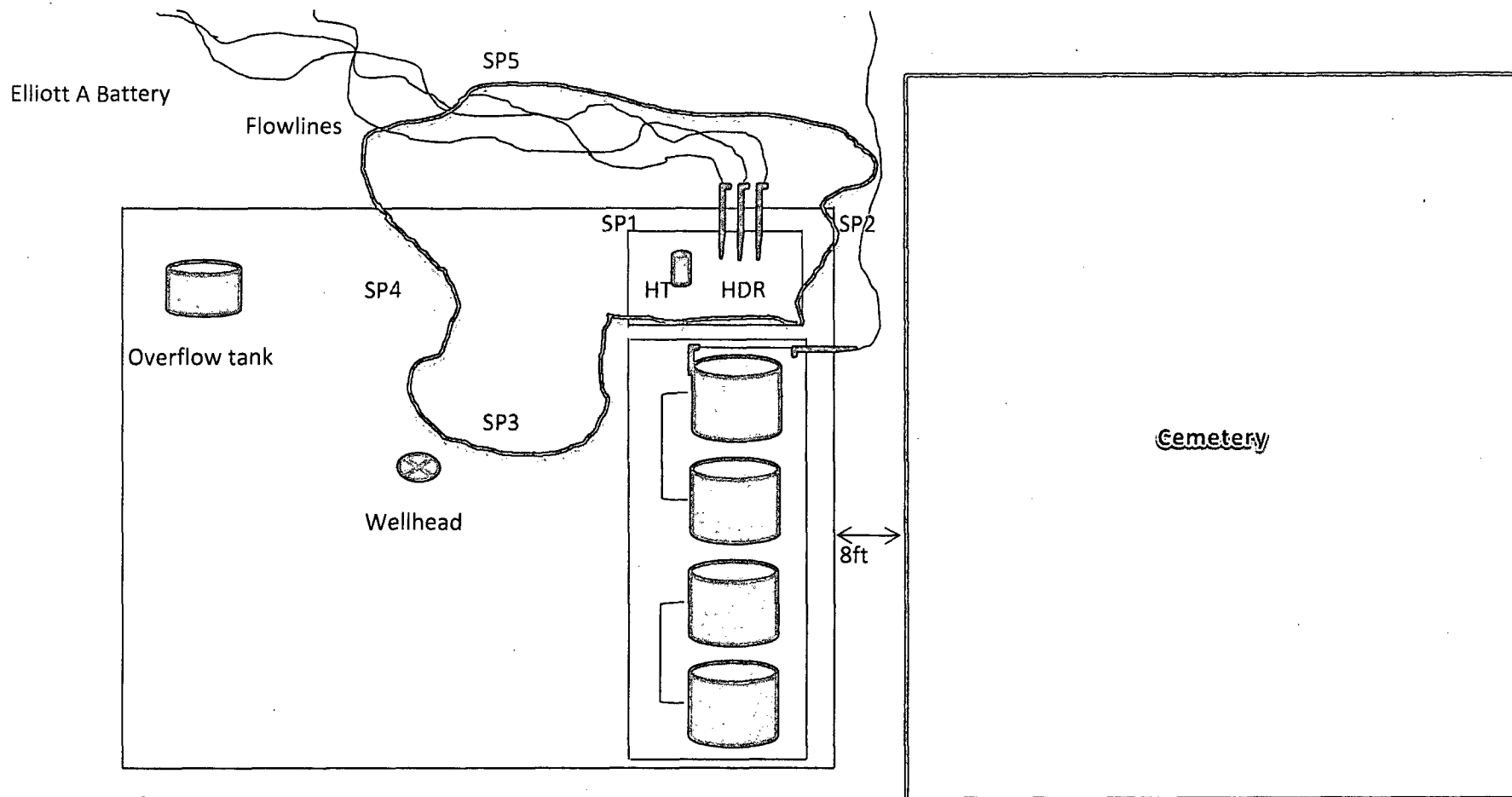
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed 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: 4/9/2010	Received By:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
NATALIE GLADDEN		Time:	 CB		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:	
Relinquished By:		Date: 4/9/10			REMARKS:	
		Time: 2:15p	 CB		EMAIL TO natalie.gladden@apachecorp.com	
Delivered By: (Circle One)						
Sampler - UPS - Bus - Other:		13°C #26	Sample Condition		CHECKED BY:	
			Cool Intact		(Initials)	
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		 AB	

FORM-006

Revisi

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



Facility is lined, no samples were taken

flowlines

previous release

Samp ID	Chlorides
SP1	352-ppm
SP2	288-ppm
SP3	208-ppm
SP4	96-ppm
SP5	288-ppm