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District I 625 N. French Dr., Hobbs, NM 88240 District II F	State of Energy Minerals	New Mex and Natura			APR	0 3 2014	Fevised A	orm C-141 Jgust 8, 2011					
111 S. First St., Artesia, NM 88210 District III	Oil Conser			Subi	unt L Com	to appropri	ate i heir	et (Attrea ut					
000 Rio Brazos Road, Aztee, NM 87410 District IV	1220 South			i	REC	SERVED W	ith 19,15	.29 NMAC					
220 S. St. Francis Dr., Santa Fe, NM 87505		e, NM 875		í									
Release	e Notification			ction	an a								
-		OPERA	ГOR		🗌 Initi	al Report		Final Repo					
Name of Company Apache Corporation		Contact Br	<u> </u>										
Address P.O. Box 1849, Eunice, NM 88231 Facility Name NEDU #651			No. (432) 631-6 ne Oil Well	5982									
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Surface Owner CV Properties LLC	Mineral Owner				API No	<u>, 30-025-4</u>	1285	<u> </u>					
Unit Letter Section Township Range Fee	LOCATION	N OF RE	Feet from the	East/W	Vest Line	County							
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Gype of Release Brine Water Source of Release Roll off bin	·····		Release 50 barr			Recovered Hour of Dis							
		11/27/12 a	2:00 AM		2:00 AM								
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EXPLORING WHAT'S POSSIBLE

HOBBS OCD

APR 0 3 2014

RECEIVED

APACHE CORPORATION

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

NEDU #651

Termination Request

approved RAM nvironmental Specialist NMOCID-DIST 4103114

API No. 30-025-41285

Release Date: November 27th, 2013

Unit Letter J, Section 15, Township 21S, Range 37E

Rice Environmental Consulting & Safety

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

January 7th, 2014

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 – NEDU #651 UL/J sec. 15 T21S R37E API No. 30-025-41285

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 2.5 miles northeast of Eunice, New Mexico at UL/J sec. 15 T21S R37E. NM OSE and BLM records indicate that groundwater will likely be encountered at a depth of approximately 43 +/- feet.

On November 27th, 2013, Apache discovered a release of 50 barrels of produced water, caused by the Q-Max hand and rig crew not watching the shale shaker or roll off bin. The entire release was contained on 4,939 square feet of the lease pad. A backhoe was dispatched to the site to scrape up the wet soil and place it in the roll off bin to be disposed. NMOCD was notified of the release on November 27th, 2013 and an initial C-141 was submitted to NMOCD (Appendix A).

RECS personnel were on site beginning on November 27th, 2013, to assess the release. Three points were sampled at the surface and with depth within the release area (Figure 1). The samples were taken to a commercial laboratory for chloride analysis. All three points showed elevated chloride levels at the surface of the release that dropped to below regulatory standards at 6 inches bgs (Appendix B).

Based on the laboratory analysis, the site was scraped down 6 inches and a total of 300 yards of contaminated soil was taken to a NMOCD approved facility for disposal. Once the scrape was completed, the side walls and bottom of the scrape were sampled to verify that all chloride values were below regulatory standards (Figure 2). The samples were taken to a commercial laboratory and confirmed chloride values below 250 mg/kg (Appendix C).

A total of 260 yards of clean caliche was imported to the site to serve as backfill. The site was backfilled and contoured to the surrounding location.

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

Given that the release has been scraped to remove the release contaminants and then backfilled with clean, imported caliche, Apache respectfully requests 'remediation termination' and site closure. The final C-141 can be found in Appendix E.

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.

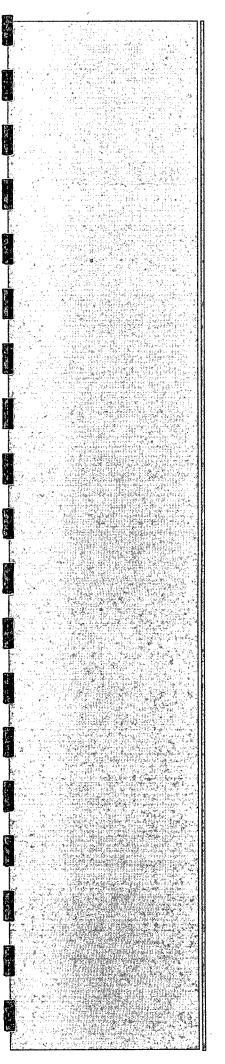
Sincerely,

JC.W.

Lara Weinheimer Project Scientist RECS (575) 441-0431

Attachments:

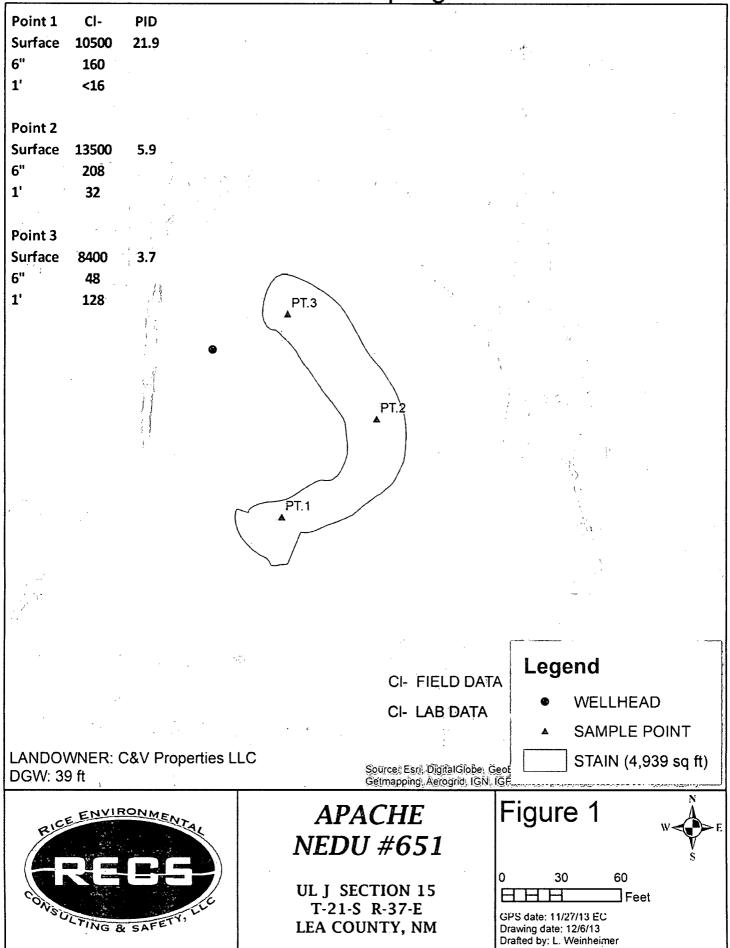
Figure 1 – Initial Sampling Data Figure 2 – Excavation Data Appendix A – Initial C-141 Appendix B – Initial Sampling Lab Appendix C – Excavation Sampling Lab Appendix D – Photo Documentation Appendix E – Final C-141



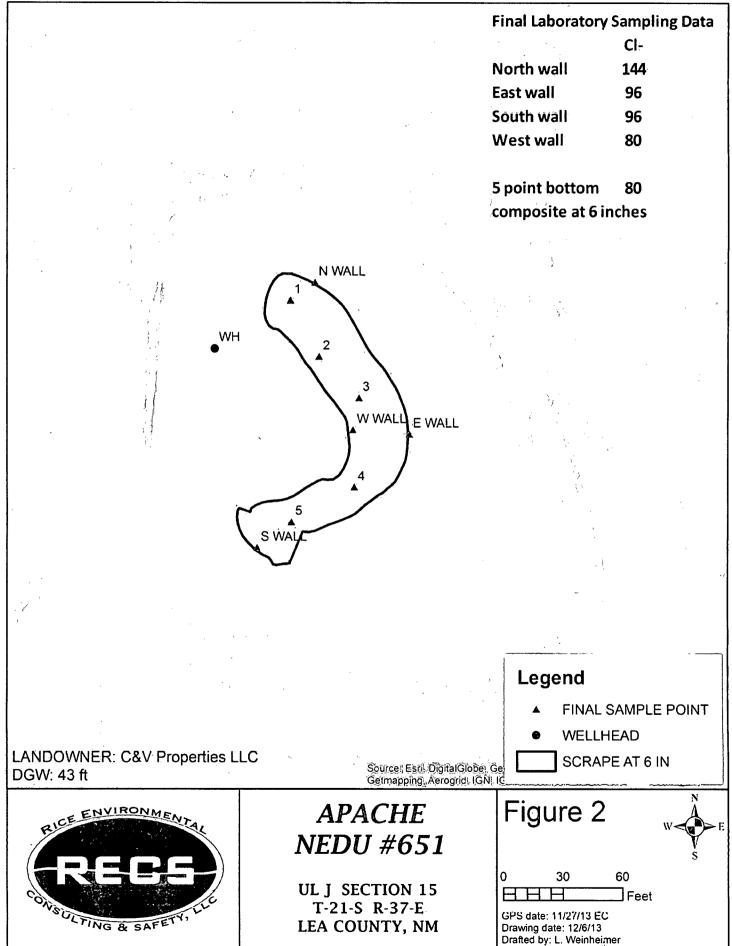
Figures

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

Initial Sampling Data



Excavation Data



Appendix A Initial C-141

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

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

DEC 1 0 2013 Submit I Copy to appropriate District Office in accordance with 19.15.29 NMAC.

RECEIVED

Release Notificatio	on and Corrective Actio									
	OPERATOR	Initial Report 🔲 Final Re	enort							
Name of Company Apache Corporation	Contact Bruce Baker		<u>.pon</u>							
Address 8 Ellison Lane Eunice, NM 88231	Telephone No. (432)-631-6982									
Facility Name NEDU # 651	Facility Type Oil Well									
Surface Owner CV Properties LLC Mineral Owner		API No. 30-025-41285								
	ON OF RELEASE									
		/West Line County FEL Lea								
LatitudeLongitude										
NATURI	E OF RELEASE									
Type of Release Brine Water	Volume of Release 50 barrels	Volume Recovered Unknown								
Source of Release Roll-off Bin	Date and Hour of Occurrence;	Date and Hour of Discovery								
Was Immediate Notice Given?	11/27/13 at 2:00 AM	11/27/13 at 2:00 AM								
Yes No Not Required	If YES, To Whom? Geoffrey Lcking									
By Whom? Bruce Baker	Date and Hour 11/27/2013 at 2:02	2 p.m.								
Was a Watercourse Reached?	If YES, Volume Impacting the Wa	tercourse.								
If a Watercourse was Impacted, Describe Fully.*										
Describe Cause of Problem and Remedial Action Taken.* Q-Max Hand and Rig Crew were not watching shale shaker or roll off bi and scraped up the wet soil and put in roll of bin to be disposed. Describe Area Affected and Cleanup Action Taken.* The entire release was contained to the pad area. The wet area was scrap 12/2/2013 the area was excavated to 6 inches and confirmation samples of chloride. The excavated soil was disposed of at an NMOCD approved for	bed and the contaminated soil was place of the bottom and sidewalls were sent t	ed in a roll off bin for disposal. On	r							
I hereby certify that the information given above is true and complete to regulations all operators are required to report and/or file certain release public health or the environment. The acceptance of a C-141 report by the should their operations bave failed to adequately investigate and remedia or the environment. In addition, NMOCD acceptance of a C-141 report of federal, state, or local laws and/or regulations.	notifications and perform corrective ac he NMOCD marked as "Final Report" ite contamination that pose a threat to g	tions for releases which may endanger does not relieve the operator of liability ground water, surface water, human health	 1							
Signature: Bruce Bacher Printed Name: Bruce Baker										
Title: Environmental Technician		Expiration Date: 2/10/14								
E-mail Address: larry.baker@apachecorp.com Date: 12/10/13 Phone: (432) 631-6982	Conditions of Approval: SUBMA F C-141 BY 2110/14	Marc Attached								

* Attach Additional Sheets If Necessary

Appendix B Initial Sampling Lab

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



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December 04, 2013

BRUCE BAKER

APACHE - EUNICE

P. O. BOX 1849

EUNICE, NM 88231

RE: NEDU #651

Enclosed are the results of analyses for samples received by the laboratory on 11/27/13 11:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 accredited certif.html.

Cardinal Laboratories is accreditated 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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



NOT GIVEN

Analytical Results For:

		APACHE - BRUCE BA P. O. BOX	KER 1849		
		EUNICE N	M, 88231		
		Fax To:	394-2425		
Received:	11/27/2013			Sampling Date:	11/27/2013
Reported:	12/04/2013			Sampling Type:	Soil
Project Name:	NEDU #651			Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN			Sample Received By:	Jodi Henson

Sample ID: PT. 1 SURFACE (H302905-01)

Project Location:

Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10500	16.0	12/04/2013	ND	432	108	400	3.77	

Sample ID: PT. 2 SURFACE (H302905-02)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13500	16.0	12/04/2013	ND	432	108	400	3.77	

Sample ID: PT. 3 SURFACE (H302905-03)

Chloride, SM4500CI-B	mg	/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8400	16.0	12/04/2013	ND	432	108	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardnal'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 whitsoever shall be deemed waived unless made in writing and received by claims, including those for negligence and including, without himitation, 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 claims based to make successors arising influidong influences.

Celuz D. Kune

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 SM4500CI-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

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 otherwse, 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.Kune

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 4

4 of

	101 East Marland, Hobbs, NM 88240
•	(575) 303-2326 EAY (575) 303-2476

Company Name	· APACHE				BI	LLTO			· · ·	· .	· · · ·	ANA	LYSIS	RE	QUE	ST		· ·		1
Project Manage		ER		P.O. 1				<u> </u>												
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Project Location	NEDU 651			Phon	e #:	· ·	· .	12						1 - 1 -	· ·			· ·		
Sampler Name:				Fax #		· · · · · · · · · · · · · · · · · · ·		R R	•				÷				· ·			
FOR LAB USE ONLY	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER MASTEMATER	MATRIX MATRIX JIO SOIL JIO		ICE / COOL	SAMPL		CHLORI	HdT	BTEX								•		
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† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393 2326



December 04, 2013

BRUCE BAKER

APACHE - EUNICE

P. O. BOX 1849

EUNICE, NM 88231

RE: NEDU #651

Enclosed are the results of analyses for samples received by the laboratory on 12/03/13 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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.qov/field/qa/lab accredited certif.html.

Cardinal Laboratories is accreditated 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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

		APACHE - I	EUNICE					
		BRUCE BAI	KER					
		P. O. BOX 1849						
		EUNICE NM, 88231						
		Fax To:						
Received:	12/03/2013			Sampling Date:	12/02/2013			
Reported:	12/04/2013			Sampling Type:	Soil			
Project Name:	NEDU #651			Sampling Condition:	** (See Notes)			
Project Number:	NONE GIVEN			Sample Received By:	Jodi Henson			
Project Location:	NOT GIVEN							

Sample ID: PT. 1 @ 6" (H302925-01)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/04/2013	ND	416	104	400	0.00	

Sample ID: PT. 1 @ 1' (H302925-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	, 16.0	12/04/2013	ND	416	104	400	0.00	

Sample ID: PT. 2 @ 6" (H302925-03)

Chloride, SM4500CI-B	mg	/kg	Analyze	Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	12/04/2013	ND	416	104	400	0.00	

Sample ID: PT. 2 @ 1' (H302925-04)

Chloride, SM4500Cl-B	mg	/kg	Analyze	Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/04/2013	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any daim 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 incidentat or consequential damages, including those of profiss incurved by client for analyses. All claims, including those of profissions cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidentat or consequential damages, including, which limits induces in the profission cardinal week or loss of profission cardinal be liable for incidentat or consequential damages, clientifies 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.

Celuz D. Kune

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		APACHE - I BRUCE BAI P. O. BOX EUNICE NN Fax To:	KER 1849		
Received:	12/03/2013			Sampling Date:	12/02/2013
Reported:	12/04/2013			Sampling Type:	Soil
Project Name:	NEDU #651			Sampling Condition:	** (See Notes)
Project Number: Project Location:	NONE GIVEN NOT GIVEN			Sample Received By:	Jodi Henson

Sample ID: PT. 3 @ 6" (H302925-05)

Chloride, SM4500CI-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	12/04/2013	ND	416	104	400	0.00	

Sample ID: PT. 3 @ 1' (H302925-06)

Chloride, SM4500CI-B mg/kg			Analyze	Analyzed By: AP					
. Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/04/2013	ND	416	104	400	0.00	

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*=Accredited Analyte

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Celuz D. Kune

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 SM4500CI-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

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Kune

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name: Apache	BIHATO			ANA	LYSIS F	REQUEST		
Project Manager:	P.O. #:							
Address:	Company:			U.		- 1. P. P.		
City: Hobbs State: NM Zip: 882	240 Attn:							~
Phone #: Fax #:	Address:			, in the second se				
Project #: Project Owner:	City:		Σ	kas TPH Cations/Anions				
Project Name:	State: Zip:		× 12					
Project Location: NEDU 651	Phone #:	6 Chlorides	H 8015 BTEX	l s l	TDS			
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† Cardinal cannot accept verbal changes. Please fax write	ten changes to 505-393-2476 #54						, , , , , , , , , , , , , , , , , , ,	· ·

Appendix C Excavation Sampling Lab

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



December 04, 2013

BRUCE BAKER

APACHE - EUNICE

P. O. BOX 1849

EUNICE, NM 88231

RE: NEDU #651

Enclosed are the results of analyses for samples received by the laboratory on 12/03/13 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 accreditated 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,

Celez D. Keine

Celey D. Keene Lab. Director/Quality Manager



Analytical Results For:

		APACHE - BRUCE BA	KER		
		P. O. BOX EUNICE N			
		Fax To:	394-2425		
Received:	12/03/2013			Sampling Date:	12/03/2013
Reported:	12/04/2013			Sampling Type:	Soil
Project Name:	NEDU #651			Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN			Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN				

Sample ID: NORTH WALL (H302926-01)

Chloride, SM4500Cl-B mg/kg			Analyze	d By: AP					. <u> </u>
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/04/2013	ND	416	104	400	0.00	

Sample ID: EAST WALL (H302926-02)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/04/2013	ND	416	104	400	0.00	

Sample ID: SOUTH WALL (H302926-03)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/04/2013	ND	416	104	400	0.00	

Sample ID: WEST WALL (H302926-04)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/04/2013	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Kune

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

		•
12/03/2013	Sampling Date:	12/03/2013
12/04/2013	Sampling Type:	Soil
NEDU #651	Sampling Condition:	** (See Notes)
NONE GIVEN	Sample Received By:	Jodi Henson
NOT GIVEN		
	12/04/2013 NEDU #651 NONE GIVEN	12/04/2013Sampling Type:NEDU #651Sampling Condition:NONE GIVENSample Received By:

Sample ID: 5 PT. BOTTOM COMP @ 6" (H302926-05)

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	12/04/2013	ND	416	104	400	0.00	

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.

Celuz D. Kune

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 SM4500CI-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 $% \left({{{\mathbf{x}}_{i}}} \right)$

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 (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 claims based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall note be reproduced exception in full with written approval of Cardinal Laboratories.

Celeg D. Kune

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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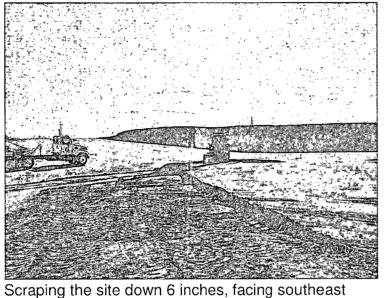
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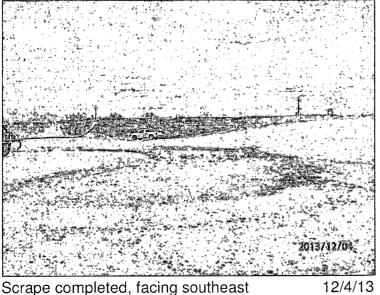
Appendix D Photo Documentation

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

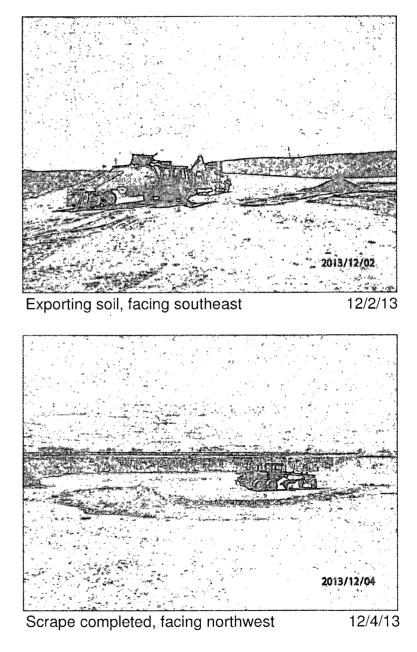
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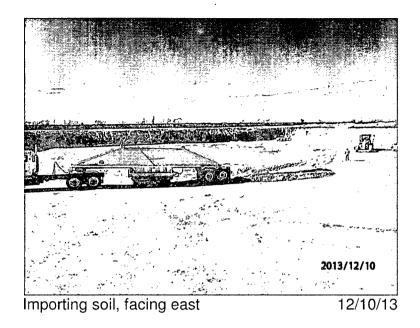


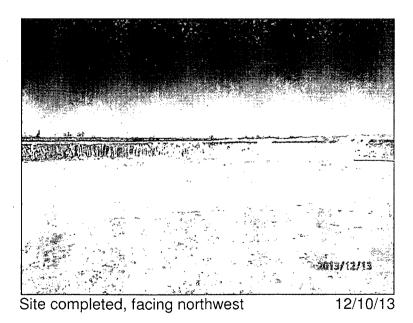
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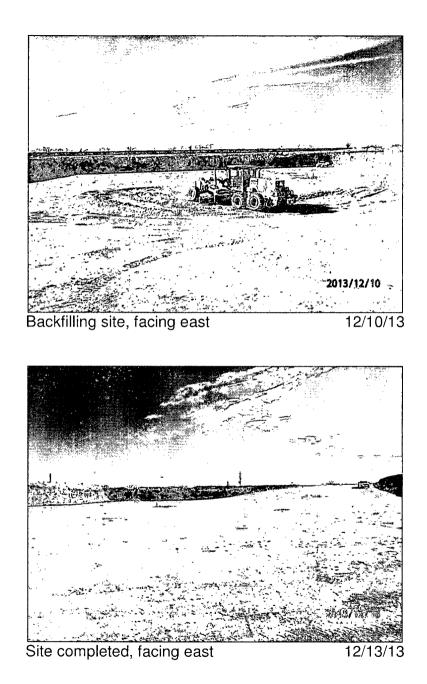


Scrape completed, facing southeast









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Appendix E Final C-141

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

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 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 P.O. Box 1849, Eunice, NM 88231	Telephone No. (432) 631-6982		
Facility Name NEDU #651	Facility Type Oil Well		

Surface Owner CV Properties LLC Mineral Owner API No. 30-025-41285

	LOCATION OF RELEASE									
Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County		
		1	Ŭ							
J	15	215	37E	2525	FSL	2110	FEL	Lea		

Latitude_____Longitude_____

NATURE OF DELEASE

NATURE	OF RELEASE	
Type of Release Brine Water	Volume of Release 50 barrels	Volume Recovered Unknown
Source of Release Roll off bin	Date and Hour of Occurrence	Date and Hour of Discovery 11/27/13 at
	11/27/12 at 2:00 AM	2:00 AM
Was Immediate Notice Given?	If YES, To Whom?	
Yes 🗋 No 🗋 Not Required	Geoffrey Leking	
By Whom? Bruce Bater	Date and Hour 11/27/2013 at 2:02	
Was a Watercourse Reached?	If YES, Volume Impacting the Wa	tercourse.
🗌 Yes 🕅 No		
If a Watercourse was Impacted, Describe Fully.*		
		DTW=43
		DIW=43
Describe Cause of Problem and Remedial Action Taken.*		
Q-Max Hand and Rig Crew were not watching shale shaker or roll off bin	resulting in a release of 50 barrels of	brine water. A backhoe was dispatched
and scraped up the wet soil and pit in roll off bin to be disposed.		
Describe Area Affected and Cleanup Action Taken.* The entire releas	e was contained on 4 030 square f	ant of the lease and DECS personnel
were on site beginning on November 27 th , 2013 to assess the releas	e was contained on 4,939 square is	the surface and with death within the
release area. The samples were taken to a commercial laboratory f		
the surface of the release that dropped to below regulatory standard		
down 6 inches and a total of 300 yards of contaminated soil was ta		
completed, the side walls and bottom of the scrape were sampled t		
samples were taken to a commercial laboratory and confirmed chi	o verify that an emotive values we	total of 260 yeards of steam callaba was
imported to the site to serve as backfill. The site was backfilled an		
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 n		
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 d		
federal, state, or local laws and/or regulations.		-ta
	OIL CONSER	ATION DIVISION
	OD W	AMDAGE ARRIVE
Signature: Pouce Brichy	wan	
Signature: Bruce Backer	Approved by Environmental Specific	vironmental Specialist
Title: Environmental Technician	Approval Date: 4314	Expiration Date:
	Approva Date, PI OF I	Expiration Date.
E-mail Address: larry.baker@apachecorp.com	Conditions of Approval:	
	··· •	Attached
Date: 2-5-14 Phone: (432) 631-6982		1RP-04-14-3022

* Attach Additional Sheets If Necessary