



EXPLORING WHAT'S POSSIBLE

APACHE CORPORATION

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

MJ SWD Line
(2RP-2827)

Termination Request

API No. 30-015-00724

Release Date: February 5th, 2015

Unit Letter A, Section 2, Township 18S, Range 27E

March 11th, 2015

Mike Bratcher

New Mexico Energy, Minerals, & Natural Resources
Oil Conservation Division, Environmental Bureau – District 2
811 S. First St.
Artesia, NM 88210

**RE: Termination Request
Apache MJ SWD Line (2RP-2827)
UL/A sec. 2 T18S R27E
API No. 30-015-00724**

Mr. Bratcher:

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 8.7 miles east of Atoka, New Mexico. Although the initial C-141 stated that the release is located in UL/A, the release also encroached into UL/H of sec. 2 T18S R27E. NM OSE and USGS monitor well data suggest that the depth to groundwater is located at approximately +/- 50 ft.

On February 5th, 2015, a Non-Apache, third party contractor was installing a 3 inch water line and ran over a padded poly line with rippers from the blade. The line ruptured and released 15 barrels of produced water over 5,907 square feet of pasture land. None of the fluid was recovered. An initial C-141 was submitted to NMOCD for their approval, and NMOCD approved the initial C-141 on February 19th, 2015 (Appendix A).

RECS personnel were on site beginning on February 11th, 2015, to assess the release. Based on the assessment, the release area was scraped to a depth where field sampling of the bottom and walls of the scrape showed that these samples would return laboratory readings below regulatory standards (Figure 1). Representative samples from the walls of the scrape and an 8 point bottom composite were then taken to a commercial laboratory for analyses (Appendix B). All wall samples returned laboratory chloride readings at or near non-detectable levels, except for East Wall 2, which returned a laboratory chloride reading of 320 mg/kg. The 8 point bottom composite returned a laboratory chloride reading of 224 mg/kg.

A request to backfill the site was sent to NMOCD on March 4th, 2015, and NMOCD approved the site to be backfilled on March 6th, 2015. All excavated soil was taken to a NMOCD approved facility for disposal. Top soil was imported to the site to replace the contaminated soil taken for disposal. A sample of the imported top soil was taken to a commercial laboratory and

returned a chloride reading of non-detect. The site was backfilled with the imported soil and contoured to the surrounding location.

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

Given that Apache removed the contaminated soil and replaced it with clean, imported top soil, 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 dark ink, appearing to read 'L. Weinheimer', with a long, horizontal, slightly wavy line extending to the right.

Lara Weinheimer
Project Scientist
RECS
(575) 441-0431

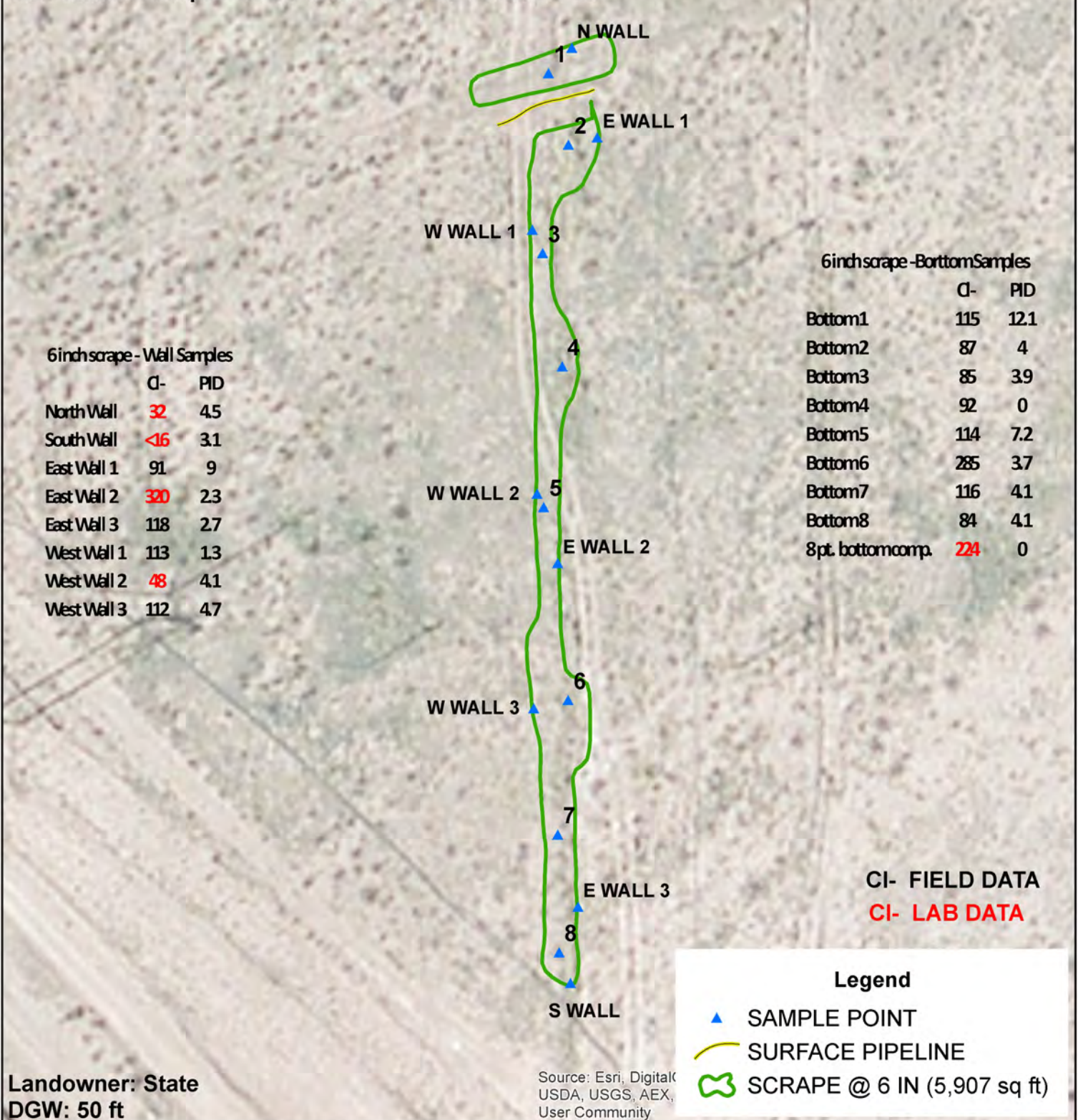
Attachments:

- Figure 1 – Excavation Data
- Appendix A – Initial C-141
- Appendix B – Remediation Labs
- Appendix C – Photo Documentation
- Appendix D – Final C-141

Figures

Excavation Data

GPS Center Scrape: 32°46'47.476"N 104°14'26.916"W




**APACHE
MJ SWD LINE**

UL A & H SECTION 2
T-18-S R-27-E
EDDY COUNTY, NM

Figure 1



0 25 50
 Feet

GPS date: 2/13 & 27/15 AG
Drawing date: 3/2/15, 3/4/15
Drafted by: T. Grieco, L. Weinheimer

Appendix A

Initial C-141

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

NM OIL CONSERVATION

ARTESIA DISTRICT

FEB 19 2015

Form C-141
Revised August 8, 2011

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	813	Contact: Bruce Baker
Address: 2350 W Marland Blvd Hobbs, NM 88240		Telephone No. (432) 631-6982
Facility Name: MJ SWD Line (near well EAU I-16 B)		Facility Type: Oil Well
Surface Owner State	Mineral Owner	API No. 30-15-00724

LOCATION OF RELEASE

Unit Letter A	Section 2	Township 18S	Range 27E	Feet from the 990'	North/South Line FNL	Feet from the 330'	East/West Line FEL	County Eddy
------------------	--------------	-----------------	--------------	-----------------------	-------------------------	-----------------------	-----------------------	----------------

Latitude N324647.476 Longitude W1041426.916

NATURE OF RELEASE

Type of Release: produced water	Volume of Release: 15 barrels of water	Volume Recovered: 0 barrels
Source of Release: flow- line	Date and Hour of Occurrence: 2/5/2015	Date and Hour of Discovery: 2/5/2015
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.*

A Non-Apache third party contractor installing a 3 in water line ran over padded poly flow line and ruptured the line with rippers on blade. The line was isolated and repaired.

Describe Area Affected and Cleanup Action Taken.*

The entire release was in pasture.

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	
Printed Name: Bruce Baker	Approved by Environmental Specialist: <i>[Signature]</i>	
Title: Environmental Technician	Approval Date: 2/19/15	Expiration Date: N/A
E-mail Address: larry.baker@apachecorp.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 2/19/2015	Remediation per O.C.D. Rules & Guidelines	
Phone: (432) 631-6982	SUBMIT REMEDIATION PROPOSAL NO	

* Attach Additional Sheets If Necessary

LATER THAN: 3/19/15

2RP-2827

Appendix B

Remediation Labs

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

February 27, 2015

JACOB KAMPLAIN

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: SMITHCO APACHE MJ SWD LINE

Enclosed are the results of analyses for samples received by the laboratory on 02/25/15 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 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:

RICE ENVIRONMENTAL CONSULTING & SAFETY
JACOB KAMPLAIN
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 397-1471

Received:	02/25/2015	Sampling Date:	02/25/2015
Reported:	02/27/2015	Sampling Type:	Soil
Project Name:	SMITHCO APACHE MJ SWD LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: IMPORTED TOPSOIL (H500547-01)

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	02/27/2015	ND	400	100	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.



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

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 4 of 4

Relinquished By: <i>Timber Grove</i>		Date: <i>2-25-15</i> Time: <i>4:20</i>	Received By: <i>Josi Benson</i>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:
Relinquished By:		Date: Time:	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		4.40	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	REMARKS: email results: hconder@rice-ecs.com; knorman@rice-ecs.com; jkamplain@rice-ecs.com; regans@rice-ecs.com; lflores@rice-ecs.com; lweinheimer@rice-ecs.com; kjones@riceswd.com; cursanic@rice-ecs.com environmental tech: @rice-ecs.com company:

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54

March 02, 2015

JACOB KAMPLAIN

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: SMITHCO APACHE MJ SWD LINE

Enclosed are the results of analyses for samples received by the laboratory on 03/02/15 11:10.

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 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:

RICE ENVIRONMENTAL CONSULTING & SAFETY
JACOB KAMPLAIN
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 397-1471

Received:	03/02/2015	Sampling Date:	02/25/2015
Reported:	03/02/2015	Sampling Type:	Soil
Project Name:	SMITHCO APACHE MJ SWD LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SOUTH WALL (H500570-01)

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	03/02/2015	ND	400	100	400	3.92		

Sample ID: EAST WALL 2 (H500570-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	03/02/2015	ND	400	100	400	3.92	

Sample ID: WEST WALL 2 (H500570-03)

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	03/02/2015	ND	400	100	400	3.92	

Sample ID: NORTH WALL (H500570-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/02/2015	ND	400	100	400	3.92	

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

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
JACOB KAMPLAIN
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 397-1471

Received:	03/02/2015	Sampling Date:	02/26/2015
Reported:	03/02/2015	Sampling Type:	Soil
Project Name:	SMITHCO APACHE MJ SWD LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: 8 PT BOTTOM COMP (H500570-05)

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	03/02/2015	ND	400	100	400	3.92		

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

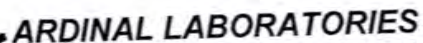
Cardinal Laboratories

*=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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 5 of 6

[illegible]

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, or affiliates. No claim shall be brought against Cardinal or its subsidiaries, or affiliates, for damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, or affiliates, in connection with 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: <i>Timber Groves</i> Date: <i>3-2-15</i> Time: <i>8:01</i>		Received By: <i>[Signature]</i> Date: <i>3-2-15</i> Time: <i>11:10</i>		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Fax #: REMARKS: email results: hconder@rice-ecs.com; knorman@rice-ecs.com; jkamplain@rice-ecs.com; regans@rice-ecs.com; lflores@rice-ecs.com; lweinheimer@rice-ecs.com; cursanic@rice-ecs.com environmental tech: @rice-ecs.com	
Relinquished By: <i>[Signature]</i> Date: <i>3-2-15</i> Time: <i>11:10</i>		Received By: <i>[Signature]</i> Date: <i>3-2-15</i> Time: <i>11:10</i>		CHECKED BY: <i>[Signature]</i> (Initials)	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		-12.8°C	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>RECS</u>				BILL TO				ANALYSIS REQUEST																							
Project Manager: <u>Jacob Kamplain</u>				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div>Chlorides</div> <div>TPH 8015 M</div> <div>BTEX</div> <div>Texas TPH</div> <div>Complete Cations/Anions</div> <div>TDS</div> </div>																							
Address:				Company:																											
City: Hobbs State: NM Zip: 88240				Attn:																											
Phone #: Fax #:				Address:																											
Project #: Project Owner:				City:																											
Project Name:				State: Zip:																											
Project Location: <u>Apache MT SWV LIMP</u>				Phone #:																											
Fax #:																															
Sampler Name:																															
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE/COOL		OTHER:		DATE		TIME	
		<u>H500570</u>		<u>North Well</u>		<u>6</u>		<u>1</u>																				<u>2-26-15</u>		<u>10:00</u>	
		<u>4</u>		<u>North Well</u>		<u>6</u>		<u>1</u>																				<u>2-26-15</u>		<u>11:00</u>	
		<u>5</u>		<u>8 ft Bottom Comp</u>		<u>6</u>		<u>1</u>																							

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 claims are based upon any of the above stated reasons or otherwise.

Relinquished By: <u>MQR</u>	Date: <u>2-2-15</u>	Received By: <u>[Signature]</u>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By: <u>[Signature]</u>	Date: <u>3-2-15</u>	Received By: <u>[Signature]</u>	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Date: <u>3-2-15</u>	Time: <u>11:10</u>	REMARKS:	
Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHECKED BY: <u>[Signature]</u>		email: hconder@riceswd.com; lflores@rice-ecs.com; lweinheimer@rice-ecs.com; knorman@rice-ecs.com; jkamplain@rice-ecs.com; sedwards@rice-ecs.com; cursanic@rice-ecs.com Environmental Tech: @rice-ecs.com	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54

Appendix C

Photo Documentation

Apache MJ SWD Line

Unit Letter A, Section 2, T18S, R27E



Initial release area, facing west

2/11/15



Initial release area, facing north

2/11/15



Initial release area, facing south

2/11/15



Initial release area, facing east

2/11/15



Scraping site, facing north

2/13/15



Exporting soil, facing east

2/24/15



Continue scraping site, facing northeast

2/24/15



Site completed, facing south

3/4/15



Site completed, facing north

3/4/15



Site completed, facing east

3/4/15

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

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	2350 W. Marland Blvd, Hobbs, NM 88240	Telephone No.	(432) 631-6982
Facility Name	MJ SWD Line (near well EAU I-16 B)	Facility Type	Oil Well

Surface Owner	State	Mineral Owner	API No. 30-015-00724
---------------	-------	---------------	----------------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	2	18S	27E	990'	FNL	330'	FEL	Eddy

Latitude N324647.476 Longitude W1041426.916

NATURE OF RELEASE

Type of Release produced water		Volume of Release 15 barrels of water	Volume Recovered 0 Barrels
Source of Release flow line		Date and Hour of Occurrence 2/5/2015	Date and Hour of Discovery 2/5/2015
Was Immediate Notice Given? <div><input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required</div>		If YES, To Whom?	
By Whom?		Date and Hour	
Was a Watercourse Reached? <div><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</div>		If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

A Non-Apache third party contractor installing a 3 in water line ran over padded poly flow line and ruptured the line with rippers on blade. The line was isolated and repaired.

Describe Area Affected and Cleanup Action Taken.* ☐ The release affected 5,907 square feet of pasture land. RECS personnel were on site beginning on February 11th, 2015, to assess the release. Based on the assessment, the release area was scraped to a depth where field sampling of the bottom and walls of the scrape showed that these samples would return laboratory readings below regulatory standards. Representative samples from the walls of the scrape and an 8 point bottom composite were then taken to a commercial laboratory for analyses. All wall samples returned laboratory chloride readings at or near non-detectable levels, except for East Wall 2, which returned a laboratory chloride reading of 320 mg/kg. The 8 point bottom composite returned a laboratory chloride reading of 224 mg/kg. A request to backfill the site was sent to NMOCD on March 4th, 2014, and NMOCD approved the site to be backfilled on March 6th, 2014. All excavated soil was taken to a NMOCD approved facility for disposal. Top soil was imported to the site to replace the contaminated soil taken for disposal. A sample of the imported top soil was taken to a commercial laboratory and returned a chloride reading of non-detect. The site was backfilled with imported soil and 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.

OIL CONSERVATION DIVISION

Signature: <i>Bruce Baker</i>	Approved by Environmental Specialist:		
Printed Name: Bruce Baker			
Title: Environmental Technician	Approval Date:	Expiration Date:	
E-mail Address: larry.baker@apachecorp.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: <u>3-11-15</u> Phone: (432) 631-6982			

* Attach Additional Sheets If Necessary