

August 5, 2020

Mr. Bradford Billings State of New Mexico Oil Conservation Division 1220 South St Francis Drive Santa Fe, NM 87505

RE: 2-RP 1602 D State Battery

Mr. Billings,

In compliance with 19.15.29.15(B) NMAC and the agreement submitted by Apache Corporation on November 8, 2018, Apache Corporation is submitting information related to closure for the release occurring July 26, 2012. Apache is respectfully submitting the closure report based on remediation and studies occurring in 2012 that demonstrate the site meeting the requirements of the agency. Unless further information is requested by NMOCD, Apache Corporation considers this release closed.

If there are any questions, please feel free to contact me by telephone at 432-631-6982 or by e-mail at larry.baker@apachecorp.com

Sincerely,

Larry Baker

Attachment: Closure Report Dated August 5, 2020

. Released to Imaging: 1/11/2023 11:02:37 AM



Closure Report

August 5, 2020

Re: D State Battery API# 30-015-30975 Case # 2RP-1602

To: Bradford Billings

New Mexico Oil Conservation Division Energy, Minerals and Natural Resources Department 1220 South St. Francis Dr. Santa Fe, NM 87505

On September 25, 2012 a release occurred due to a fire tube gasket ruptured on a heater treater resulting in the loss of fluid. An initial C-141 was submitted to NMOCD and approved on April 8, 2013. The D State Battery (GPS 32.800144, -104.14596) is located east of Artesia, New Mexico in unit letter I section 24 township 17S range 28E. The average depth to groundwater is 157 feet according to well records obtained from NMOSE and USGS.

The release was contained inside the facility. Analytic data from samples collected on September 27, 2012 and October 12, 2012 suggest that remediation of the release occurred to below table one standards. The D State Battery at present is a lined facility with a liner over the release area that occurred in 2012.

Apache Corporation respectfully request that 2RP-1602 be closed.

Enclosed: C-141, Maps, Sample Data, and Laboratory Results.

Submitted by;

Bruce Baker

Environmental Technician larry.baker@apachecorp.com Cell# 432-631-6982 Off# 575-393-7106

Listed J. March D., Habs, MA 18240 State of New Mexico BECEIVED Form C-14 MAR 2 6 2013 Reveal Context of Actrs, NM 18210 Oil Conservation Division MAR 2 6 2013 Form C-14 March D., March D., State F, NM 1820 State of New Mexico Difference Division March D. 2015 Form C-14 March D., State F, NM 1820 State J. Francis Dr., State F, NM 1820 State J. Francis Dr., State F, NM 1820 March D. 2015 Form C-14 March D., State F, NM 1820 State J. Francis Dr., State F, NM 1820 Context Martiel Context Actrs, NM 18210 Foreignen Context Martiel Context Actrs, March D. 2015 March D. 2015 Foreignen Context Martiel Context Actrs, March D. 2015 Foreignen Context Martiel Mar		
Energy Minorals and Natural Resources MAR 2 6 2013 Residences for the second operation of the second operation		of New Mexico RECEIVED
Differentian mark Road, Aries, NM 19710 Oil Conservation Division Source Practice Provide Conservation Division 1220 Suit, S. Francis, Dr., Same Pr., NM 19765 Refease Molification and Corrective Action NMCOD ARTESIAN Conservation of the construction of the constructin the construction of the construction of the constru	District II Energy Minera	I Form C-141
120:5:5:Francic Dr. Sami Fe, PM 87305 side of form Netcase Notification and Corrective Action Netcase Notification and Corrective Action Number 10: Section 10: Sect	District III Oil Cons	Servation Division Submit 2 Christo appropriate
Solitating Provide State Notification and Corrective Action OPERATOR OPERATOR OPERATOR Notification and Corrective Action Address Do Sol 1349 Emiles (MM 5823) Telephone No. 375-390-4186 Facility Type Facility Surface Owner Unknown Imini Contact Maile Cideden Address Do Sol 1349 Emiles (MM 5823) Telephone No. 375-390-4186 Contact Maile Cideden LOCATION OF RELEASE Unit Letter Section Township Range Feel from the Nort/RECASE Unit Letter Conget Presson Difference Water Nort/Presson Difference Water Job Water Converse Difference Water Nort/Presson Presson Difference Water Value of Release Difference Water Decorrective Action Presson Presson Water Converse Converse Difference Water Value of Release Difference Water Water Converse Converse Water Water Converse Converse Water Value Maile Cindea	District IV 1220 Sou	uth St. Francis Dr. NMOCD ARTES Avia Rule 116 on back
NML SQC 984/2.14/2 OPERATOR Initial Report Final Report Final Report Name of Company Appetic Corporation \$75 Contact Maille Glinden Fredility Address OP 0601494 Emitted: NM 88231 Telephone No. 575-390-4186 Encility Fredility Surface Owner Unknown Imeral Owner State Lease No. 30015-30975 Imeral Owner State Unit Letter Section Towaship Range Feel from the North/South Line Feel For Mite Ease/West Line County 1 25 175 28E Feel from the North/South Line Feel Conglinute Ease/West Line County 1 25 175 28E 790 OF RELEASE Volume Incore Observed 34 29/ne of Release Oth/Produced Water NATURE OF RELEASE Volume Incore Observed 34 30/ner of Release Fire-lube gastet failed Urising of Release 25 Volume Receivered 34 30/ner of Release Oth/Produced Water If VPs (Monty Parking Clinde Parking P	Sana	re, INIVI 87303
Name & Company Agache Corporation T.3 Contract Name Contract Name Address PO Sox 1849 Entities, MM 88231 Facility Type Facility Facility Type Facility Facility Type Facility Surface Owner Unknown Impart Owner State Locart No OF RELEASE Counter Unknown EastWest Line County Unit Letter Section Township Range Feel from the County EastWest Line County 1 25 178 286 2310' Fst. 330' FeE Eddy 1 25 178 286 2310' Fst. 330' FEL Eddy 1 25 178 286 Nature LongHude Eddy Eddy Eddy 1 25 178 286 Nature LongHude Eddy Eddy Eddy 1 26 No Nature LongHude Eddy Eddy Eddy Eddy 1 285 No No No No No No No		ion and Corrective Action
Address PO Box 1490 Funice, NM 82331 Telephone No. 575:309-4166 Facility Name D State Battery (D State #21) Pacility Type Facility Surface Ovner Unknown Mineral Owner State Lease No. 30-015-30975 LOCATION OF RELEASE Location for the Database of Database of the Database of Database of the Database of The Database of the Database of The Database of Database of The Database of The Database of Database of The Database of Database of The Database of Database		
Facility Name D State Battery (D State #21) PacIfity Type FacIfity Surface Owner Unknown Mineral Owner State Lease No. 30-015-30975 Unit Letter Section Township Range Feel from the North/South Line Feet from the East/West Line County 23 175 28E 2310' FSL 330' FEL East/West Line County 24 175 28E 2310' FSL 330' FEL East/West Line County 25 175 28E 2310' FSL 330' FEL East/West Line County 26 179 cof Release Oil/Produced Water Volume of Release 25 Volume Recovered 24 Date and Hour of Occurrence 0925/12		
LOCATION OF RELEASE Unit Letter Section Township Range Peet from the Peet from the East/West Line County 1 23 175 28E 2310' FSL 330' PEL Eddy Latitude NATURE OF RELEASE Type of Release Oil/Produced Water Volume of Release 23 Volume of Release 23 Volume of Release 23 Section Date and Hour of Occurrence Was lumediate Notice Given? Yes 🖾 No Not Required Mike Bracker Date and Hour 100/12 Was a Watercourse Reached? Yes 🖄 No UYES, Volume Impacting the Watercourse. If a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* The fire tube gasket on the heater treater ruptured. Standing fluid was recovered from inside the berned facility. Describe Cause of Problem and Remedial Action Taken.* The fire tube gasket on the heater treater ruptured. Standing fluid was recovered from inside the barned car 'iinal Regort' does not relieve the operator of a CH1 is port by the MMOCD matched car 'iinal Regort' does not relieve the operator of a CH1 is port by the MMOCD matched car 'iinal Regort' does not relieve to operator of netaces which may endage		
Unit Letter Section Township Range Pect from the Narth/South Line Feet from the East/West Line County 1 25 175 28E 2310' FSL 330' PEL Eddy Latified Longitude NATURE OF RELEASE Type of Release Oi/Produced Water Volume of Release 25 Volume Recovered 24 Source of Release Oi/Produced Water Volume of Release 25 Volume of Discovery 002512 Was humediate Notice Oirear? Ves No Not Required Mike Bracker 002512 By Whoug? Nouble Clinden Ves No Not Required Mike Bracker 002512 002512 Was a Watercourse Reached? Ves Ves No Not Required Mike Bracker Describe Cause of Problem and Remedial Action Taken.* The fire tube gasket on the heater treater ruptured. Standing fluid was recovered from inside tub branced facility. Describe Area Affected and Cleanup Action Taken.* * The fire tube gasket on the heater treater ruptured. Standing fluid was recovered from inside tub branced as "timal fluid ware, sartcher and ware, sartcher and ware, sartcher and ware, sartcher ande and recearding ware, sartcher and the ape	Surface Owner Unknown Mineral Owner	er State Lease No. 30-015-30975
Unit Letter Section Township Range Pect from the Narth/South Line Feet from the East/West Line County 1 25 175 28E 2310' FSL 330' PEL Eddy Latified Longitude NATURE OF RELEASE Type of Release Oi/Produced Water Volume of Release 25 Volume Recovered 24 Source of Release Oi/Produced Water Volume of Release 25 Volume of Discovery 002512 Was humediate Notice Oirear? Ves No Not Required Mike Bracker 002512 By Whoug? Nouble Clinden Ves No Not Required Mike Bracker 002512 002512 Was a Watercourse Reached? Ves Ves No Not Required Mike Bracker Describe Cause of Problem and Remedial Action Taken.* The fire tube gasket on the heater treater ruptured. Standing fluid was recovered from inside tub branced facility. Describe Area Affected and Cleanup Action Taken.* * The fire tube gasket on the heater treater ruptured. Standing fluid was recovered from inside tub branced as "timal fluid ware, sartcher and ware, sartcher and ware, sartcher and ware, sartcher ande and recearding ware, sartcher and the ape	LOCATI	ON OF RELEASE
Latitude Longitude Type of Release DiProduced Water NATURE OF RELEASE Source of Release Diverced value Date and Hour of Occurrence Date and Hour of Discovery Was immediate Notice Given? Yes Ø No Not Required Wite Brance By Whoun? Natalic Gladden Date and Hour 10001/12 Was a Watercourse Reached? If YES, To Whom? Was a Watercourse was Impacted, Describe Fully.* If YES, Volume Impacting the Watercourse. If a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* The fire tube gasket on the heater trenter ruptured. Standing fluid was recovered from biskle the bermed facility. Describe Area Affected and Cleanup Action Taken.* The fire tube gasket on the heater trenter ruptured. Standing fluid was recovered from biskle the bermed facility. Describe Area Affected and Cleanup Action Taken.* The fire tube gasket on the heater trenter course is three and complete to the best of my knowledge and understand that parsaunt to NMOCD rules and regulations all operators are required to report addor file certain release notifications and perform corrective actions for releases which may endanger public heating the taken of a Ci-141 report does not releve the operator of inbility does not releve the operator of inbility investigate and the runcing to thread to request which may endanger public heating the dot adapted by investigate and the runcing to thread to request which may endanger public heating the dot adapted by investigate a	Unit Letter Section Township Range Feet from the No	rth/South Line Feet from the East/West Line County
NATURE OF RELEASE Type of Release Oil/Produced Water Volume of Release 23 Volume of Bacewered 24 Source of Release Fire-lube gasket failed Dote and Hour of Occurrence Dote and Hour of Discovery Was immediate Notice Given? If YES, To Whom? If YES, To Whom? Was a Watercourse Reached? If YES, Volume 10001/12 If YES, Volume Impacting the Watercourse. By Whom? Natalic Glidden Date and Hour 10001/12 If YES, Volume Impacting the Watercourse. If a Watercourse was Impacted, Describe Fully.* If YES, Volume Impacting the Watercourse. If YES, Volume Impacting the Watercourse. Describe Cause of Problem and Remedial Action Taken.* The fire tube gasket on the heater treater ruptured. Standing fluid was recovered from biside the bermed facility. Describe Area Affected and Cleanup Action Taken.* The fire tube gasket on the heater treater 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 heath or the origination addiver investigate and remediate Componition the Action of active required to report and/or file certain release the NMOCD macked as "lima Report" does not relieve the operator of Inability stude and remediate Componitions the Relet and reactive regulations and perform corrective actions for releases which may endanger public heath or the operator of actinit report does not relieve the operator of responsibil	1 25 17S 28E 2310' FSI	L 330' FEL Eddy
Type of Release Oil/Produced Water Volume of Release 23 Volume Recovered 24 Source of Release Fire-lube gasket failed Date and Hour of Occurrence Date and Hour of Discovery Was immediate Notice Given? Yes 🖾 No 🗌 Not Required If YES, To Whom? Date and Hour of Discovery Was immediate Notice Given? Yes 🖄 No 🗌 Not Required If YES, Yolumo impacting the Watercourse. Date and Hour of Discovery By Whom? Natalic Giladen Date and Hour 10/01/12 If Yes 🖄 No If Yes Xolumo impacting the Watercourse. If a Watercourse Reached? Yes 🖄 No If Yes Xolumo impacting the Watercourse. If Yes Xolumo impacting the Watercourse. Describe Cause of Problem and Remedial Action Taken.* The fire trube gasket on the leater trester ruptured. Standing fluid was recovered from inside the burned facility. Describe Area Affected and Cleaning Action Taken.* Remediation will begin once the NM One-Call is cleared. Site will be hand excavated to meet the NMOCD Standard. 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 toport and/or file certain release notifications and perform corrective actions for release which may endanger public health on the dequarety investigate and remediate cumatination that pors a threat to cleave the operator of liability investigate and remediate cumatinatint pose a threat to clike the operator of liability studied their	Latitude	Longitude
Source of Release Fire-lube gasket failed Date and Hour of Occurrence 09/25/12 Date and Hour of Occurrence 09/25/12 Was Immediate Notice Given? Yes No Not Required Mike Bratcher By Whou? Natalic Gladden Date and Hour 10/01/12 Was a Watercourse Reached? If Yes, Yohune Impacting the Watercourse. If a Watercourse vas Impacted, Describe Fully.* If Source of Problem and Remedial Action Taken.* If Yes, Yohune Impacting the Watercourse. Describe Cause of Problem and Remedial Action Taken.* The fire tube gasket on the heater treater ruptured. Standing fluid was recovered from inside the berned facility. Describe Area Affected and Cleanup Action Taken.* The fire tube gasket on the heater treater ruptured. She will be hand excavated to meet the NMOCD Standard. 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 eavironment. The acceptance of a C-141 report does not releve the operator of responsibility for compliance with any other the eavier regulations. Signature: WWARCD Marked Approval does not releve the acceptance of a C-141 report does not releve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Signature: WWARCD Marked Approval does not relev	NATUR	E OF RELEASE
09/25/12 09/25/12 Was immediate Notice Given? If YES, To Wom? By Whou? Natalic Ginddea Date and Hour. 10/01/12 Was a Watercourse Reached? If YES, To Wom? Mike Bracker UYES, Volume Impacting the Watercourse. If a Watercourse was Impacted, Describe Fully.* If YES, Volume Impacting the Watercourse. Describe Cause of Problem and Remedial Action Taken.* The fire tube gasket on the heater treater ruptured. Standing fluid was recovered from inside the berned facility. Describe Area Affected and Cleanup Action Taken.* The fire tube gasket on the heater treater ruptured. Standing fluid was recovered from inside the berned facility. Describe Area Affected and Cleanup Action Taken.* The row to make the NM One-Call Is cleared. She will be hand exervated to meet the NMOCD Standard. 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 at operators are required to report and/or file certain release unifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report dees not flexet the operator of responsibility for compliance with any other releases. Signature: Other Constant Affected Bay Multi Heir operations have failed to adequately investigate and remediate curatamination that posen threat to groont with any other release. Signature: Other Constant Aff		
Yes Not Not Required Mike Bracher By Whow? Natalic Gladden Date and How: 10/01/12 Was a Watercourse Reached? If Yes Yes If a Watercourse Reached? If Yes If Yes Describe Cause of Problem and Remedial Action Taken.* The fire tube gasket on the heater treater ruptured. Standing fluid was recovered from inside the berned facility. Describe Area Affected and Cleanup Action Taken.* The fire tube gasket on the heater treater ruptured. Standing fluid was recovered from inside the berned facility. Describe Area Affected and Cleanup Action Taken.* Remediation will begin once the NM One-Call is cleared. Site will be hand excavated to meet the NMOCD Standard. 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 and perform corrective actions for releases which may endanger public health or the environment. The aceptance of a C-141 report by the NMOCD marked as "final Report" does not relieve the operator of finability for compliance with any other federal, state, or local laws and/or regulations. OIL CONSERVATION DIVISION signature: Approved by District Supervisor: Printed Name: Natalic Gladden Approved bate: Approval Bate: Pate: 10/01/12 Phone: 575-390-4186 Cunditions of Approval: Attached I Pate: 10		09/25/12 09/25/12
Was a Watercourse Reached? Yes X No If a Watercourse was Impacted, Describe Pully.* Describe Cause of Problem and Remedial Action Taken.* The fire tube gasket on the heater treater ruptured. Standing fluid was recovered from Inside the bermed facility. Describe Area Affected and Cleanup Action Taken.* The fire tube gasket on the heater treater ruptured. Standing fluid was recovered from Inside the bermed facility. Describe Area Affected and Cleanup Action Taken.* Remediation will begin once the NM One-Call is cleared. Site will be hand excavated to meet the NMOCD Standard. 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 wile NMOCD marked as "Final Report" does not relieve the operator of liability for compliance with any other rederations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. The acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other rederater of responsibility for compliance with any other rederations. Signature: OIL CONSERVATION DIVISION Signature: Approved by District Supervisor: Printed Name: Markie Gladden Approved by District Supervisor: Pri		
Image: Instant Control Contro Control Conterve Conterect Control Control Control Control Contro		
If a Whitercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* The fire tube gasket on the heater treater ruptured. Standing fluid was recovered from inside the bermed facility. Describe Area Affected and Cleanup Action Taken.* Remediation will begin once the NM One-Call is cleared. Site will be hand excavated to meet the NMOCD Standard. 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 exproment. The acceptance of a C-141 report by the NMOCD marked as "Vioal Report" does not relieve the operator of inspinitory by the NMOCD marked as "Vioal Report" does not relieve the operator of inspinitory by District Supervisor: Signature: OIL CONSERVATION DIVISION Printed Name: Natalie Glaiden Printed Name: Natalie Glaiden Title: St. Environmental Tech E-mail Address: Phone: 575-390-4186 Attach Additional Sheets If Necessary Conditions of Approval: Attach Additional Sheets If Necessary Procesary		If YES, Volume Impacting the Watercourse.
Describe Cause of Problem and Remedial Action Taken.* The fire tube gasket on the heater treater ruptured. Standing fluid was recovered from inside the berned facility. Describe Area Affected and Cleanup Action Taken.* Remediation will begin once the NM One-Call is cleared. Site will be hand exervited to meet the NMOCD Standard. I hereby certify that the information given above is true and complete to the best of my knowledge and nuderstand 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 releave which may endanger or the univeronment. In addition, NMOCD acceptance of a C-141 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 redenate, state, or local laws and/or regulations. Signature: OIL CONSERVATION DIVISION Approved by District Supervisor: Expiration Date: Printed Name: Natalic Ghadden Approved by District Supervisor: Printed Name: Individue_gnachecorp.com Conditions of Approval: Date: 10/01/12 Phone: 575-390-4186 Attach Additional Sheets If Necessary Remediatin on per OCD Rule & Guidelines. SUBMIT REMEDIATION PRO		
The fire tube gasket on the heater treater ruptured. Standing fluid was recovered from inside the berned facility. Describe Area Affected and Cleanup Action Taken. ⁴ Remediation will begin once the NM One-Call is cleared. Site will be hand excavated to meet the NMOCD Standard. 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 unifications and perform corrective actions for releases which may endanger public health or the curvionment. The acceptance of a C-141 report by the NMOCD marked as "linal Report" does not relieve the operator of linbility stould their operations have failed to adequately investigate and remediate contamination that pose a threat to group water, surface water, human health or the environment. In addition, NMOCD neceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other rederat, state, or local laws and/or regulations. Signature: OIL CONSERVATION DIVISION Printed Name: Natalic Gladden Approved by District Supervisor: Title: Sr. Environmental Tech Approval Date: E-tuail Address: untalle gladden@apachecorp.com Conditions of Approval: Attach Additional Sheets If Necessary Remediation per OCD Rule & Guidelines. SUBMIT REMEDIATION PROPOSAL NO LATER THAN: ZEP-1/GO2L		
The fire tube gasket on the heater treater ruptured. Standing fluid was recovered from inside the berned facility. Describe Area Affected and Cleanup Action Taken. ⁴ Remediation will begin once the NM One-Call is cleared. Site will be hand excavated to meet the NMOCD Standard. 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 unifications and perform corrective actions for releases which may endanger public health or the curvionment. The acceptance of a C-141 report by the NMOCD marked as "linal Report" does not relieve the operator of linbility stould their operations have failed to adequately investigate and remediate contamination that pose a threat to group water, surface water, human health or the environment. In addition, NMOCD neceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other rederat, state, or local laws and/or regulations. Signature: OIL CONSERVATION DIVISION Printed Name: Natalic Gladden Approved by District Supervisor: Title: Sr. Environmental Tech Approval Date: E-tuail Address: untalle gladden@apachecorp.com Conditions of Approval: Attach Additional Sheets If Necessary Remediation per OCD Rule & Guidelines. SUBMIT REMEDIATION PROPOSAL NO LATER THAN: ZEP-1/GO2L		
Describe Area Affected and Cleanup Action Taken.* Remediation will begin once the NM One-Call is cleared. Site will be hand excavated to meet the NMOCD Standard. 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 "linal 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 Signature: Approved by District Supervisor: Printed Name: Natilic Gladden Approved by District Supervisor: Title: Sr. Environmental Tech Approval Date: E-mail Address: natalie gladden@apachecorp.com Conditions of Approval: Date: 10/01/12 Phone: 575-390-4186 Remediation per OCD Rule & Guidelines. SUBMIT REMEDIATION PROPOSAL NO LATER THAN: ZRP-1/GOOZ		
Remediation will begin once the NM One-Call is cleared. Sile will be hand excavated to meet the NMOCD Standard. I hereby certify that the information given above is true and complete to the best of my knowledge and nuderstand 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 aperator of linbility 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 Signature: Approved by District Supervisor: Printed Name: Natalic Gladden Approval Date: E-mail Address: natalie gladden@apachecorp.com Conditions of Approval: Date: 10/01/12 Phone: 575-390-4186 Remediation per OCD Rule & Guidelines. SUBMIT REMEDIATION PROPOSAL NO LATER THAN: 2RP-1/6OQ2	The fire tube gasket on the heater treater ruptured. Standing fluid was	recovered from inside the bermed facility.
Remediation will begin once the NM One-Call is cleared. Sile will be hand excavated to meet the NMOCD Standard. I hereby certify that the information given above is true and complete to the best of my knowledge and nuderstand 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 "tinal Report" does not relieve the operator of Inbility 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 Signature: Approved by District Supervisor: Printed Name: Natalic Gladden Approval Date: E-wail Address: natalie gladden@apachecorp.com Conditions of Approval: Date: 10/01/12 Phone: 575-390-4186 Remediation per OCD Rule & Guidelines. SUBMIT REMEDIATION PROPOSAL NO LATER THAN: 2RP-1/6OQ2		
I hereby certify that the information given above is true and complete to the best of my knowledge and nuclerstand 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 linbility 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 neceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local have and/or regulations. Signature: OIL CONSERVATION DIVISION Signature: Approved by District Supervisor: Printed Name: Natallic Gladden Printed Name: Natallic Gladden Printed Name: Natallic Gladden Date: 10/01/12 Phone: 575-390-4186 Attach Additional Sheets If Necessary Remediation per OCD Rule & Guidelines. SUBMIT REMEDIATION		
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 Signature: OIL CONSERVATION DIVISION Printed Name: Natabilic Gladden Title: Sr. Environmental Tech E-mail Address: natalie.gladden@apachecorp.com Conditions of Approval: Date: 10/01/12 Phone: S75-390-4186 Attach Additional Sheets If Necessary Remediation per OCD Rule & Guidelines. SUBMIT REMEDIATION	Remediation will begin once the NM One-Call is cleared. Site will be	hand excavated to meet the NMOCD Standard.
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 Signature: OIL CONSERVATION DIVISION Printed Name: Natabilic Gladden Title: Sr. Environmental Tech E-mail Address: natalie.gladden@apachecorp.com Conditions of Approval: Date: 10/01/12 Phone: S75-390-4186 Attach Additional Sheets If Necessary Remediation per OCD Rule & Guidelines. SUBMIT REMEDIATION		
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 Signature: OIL CONSERVATION DIVISION Printed Name: Natabilic Gladden Title: Sr. Environmental Tech E-mail Address: natalie.gladden@apachecorp.com Conditions of Approval: Date: 10/01/12 Phone: S75-390-4186 Attach Additional Sheets If Necessary Remediation per OCD Rule & Guidelines. SUBMIT REMEDIATION	I hereby certify that the information given above is true and complete t	o the best of my knowledge and understand that pursuant to NMOCD rules and
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 rederat, state, or local laws and/or regulations. Signature: OIL CONSERVATION DIVISION Signature: OIL CONSERVATION DIVISION Signature: Approved by District Supervisor: Printed Name: Natable Gladden Title: Sr. Environmental Tech E-mail Address: natable gladden@apachecorp.com Date: 10/01/12 Phone: 575-390-4186 Attach Additional Sheets If Necessary Remediation per OCD Rule & Guidelines. SUBMIT REMEDIATION	regulations all operators are required to report and/or file certain release	e notifications and perform corrective actions for releases which may endanger
Indext and/or regulations. OIL CONSERVATION DIVISION Signature: OIL CONSERVATION DIVISION Signature: OIL CONSERVATION DIVISION Printed Name: Natalic Gladden Approved by District Supervisor: Title: Sr. Environmental Tech APR 08 2013 Signed By Mile Democrate E-mail Address: antalic.gladden@apachecorp.com Conditions of Approval: Attached Attached <t< td=""><td>I should their operations have failed to adequately investigate and remed</td><td>iate contamination that pose a threat to ground water, surface water, human health</td></t<>	I should their operations have failed to adequately investigate and remed	iate contamination that pose a threat to ground water, surface water, human health
Signature: Other Manage Approved by District Supervisor: Mile Benance Printed Name: Natalic Gladden Approved by District Supervisor: Mile Benance Title: Sr. Environmental Tech APR 08 2013 Expiration Date: E-mail Address: natalic gladden@apachecorp.com Conditions of Approval: Attached Date: 10/01/12 Phone: 575-390-4186 Remediation per OCD Rule & Guidelines. SUBMIT REMEDIATION Attached PROPOSAL NO LATER THAN: PROPOSAL NO LATER THAN: 28P-1602	federal, state, or local laws and/or regulations.	a does not relieve the operator of responsibility for compliance with any other
Printed Name: Natalic Gladden Approved by District Supervisor: Mile Semance Title: Sr. Environmental Tech APR 08 2013 Signed By Mile Semance E-mail Address: natalie.gladden@apachecorp.com Conditions of Approval: Expiration Date: Date: 10/01/12 Phone: 575-390-4186 Remediation per OCD Rule & Attached II Attach Additional Sheets If Necessary PROPOSAL NO LATER THAN: 28P-16002		OIL CONSERVATION DIVISION
Printed Name: Natalic Gladden Title: Signed By Mile Demoder Title: Signed By Mile Demoder Printed Name: APR 08 2013 Expiration Date: E-mail Address: natalic.gladden@apachecorp.com Conditions of Approval: Expiration Date: Date: 10/01/12 Phone: 575-390-4186 Remediation per OCD Rule & Attach Additional Sheets If Necessary Guidelines. SUBMIT REMEDIATION 28P-1/602	Signature: avalu Aladde	a la
APR UO ZUI3 Expinition Date: Title: Sr. Environmental Tech Approval Date: Expinition Date: E-inail Address: natalie.gladden@apachecorp.com Conditions of Approval: Attached □ Date: 10/01/12 Phone: 575-390-4186 Remediation per OCD Rule & Attached □ Attach Additional Sheets If Necessary PROPOSAL NO LATER THAN: 28P-16002	Printed Name: Natalic Gladden	
Date: 10/01/12 Phone: 575-390-4186 Remediation per OCD Rule & Attach Additional Sheets If Necessary Attach Additional Sheets If Necessary PROPOSAL NO LATER THAN: PROPOSAL NO LATER THAN: PROPOSAL NO LATER THAN:	Title: Sr. Environmental Tech	
Date: 10/01/12 Phone: 575-390-4186 Remediation per OCD Rule & Attach Additional Sheets If Necessary Guidelines. SUBMIT REMEDIATION PROPOSAL NO LATER THAN: 28P-1602	E-mail Address: natalie.gladden@apachecorp.com	Conditions of Approval:
Attach Additional Sheets If Necessary Guidelines. SUBMIT REMEDIATION 28P-1602	Date: 10/01/12 Phone: \$75-390-4186	Remediation per OCD Rule &
		224-11 ()
trong of 2012	11	tring of and

. Released to Imaging: 1/11/2023 11:02:37 AM

Page 3 of 26

di.

Release Notifications

Warren, JeanMarie, EMNRD Sent: Tuesday, March 26, 2013 10:03 AM To: Natalie.Gladden@apachecorp.com Cc: Bratcher, Mike, EMNRD

To whom it may concern,

I am writing to you on behalf of Mike Bratcher. We are attempting to follow up regarding a few release notifications that was given to our office, by you, on: 1/22/2013, 12/10/2012, 10/01/2012, 07/19/2012, 06/14/2012, 05/23/2012

Release Date/Location:

- 1/21/2013, Raven 12 H
- 12/09/2012, Tony Federal #46
- No specific Date, D state Btry (closest well #21)
- 7/18/2012, NB Tween #25
- 6/10/2012, Empire ABO Unit G312
- 5/23/2012, Tony Federal Btry (Tony Federal #10)

We have no record of having received an initial C-141, please advise the status of this release and submit an initial C-141 to Mr. Bratcher.

Thank you for your time.

Respectfully,

Jean-Marie Warren Business Operations Specialist NM-OCD District II, Artesia (575) 748-1283, ext. 101

C141

C141

Gladden, Natalie [Natalie.Gladden@apachecorp.com] Sent: Tuesday, March 26, 2013 3:04 PM To: Warren, JeanMarie, EMNRD Cc: Bratcher, Mike, EMNRD Attachments: 20130326155559088.pdf (440 KB)

Here you go. If you need me to put them back in the mail, I can do that also.

Natalie Gladden Apache Corporation Sr. Environmental Tech New Mexico District Cell: 575-390-4186 Office: 575-394-1503 x 1258 Fax: 575-394-2425 Email: natalie.gladden@apachecorp.com

----Original Message----From: ricoh.service@apachecorp.com (<u>mailto:ricoh.service@apachecorp.com</u>) Sent: Tuesday, March 26, 2013 2:56 PM To: Gladden, Natalie

Subject:

This E-mail was sent from "mideunr33511" (Aficio MP 3351).

Scan Date: 03.26.2013 15:55:58 (-0400) Queries to: ricoh.service@apachecorp.com

Bratcher, Mike, EMNRD

From: Sent: To: Subject: Gladden, Natalie <Natalie.Gladden@apachecorp.com> Monday, October 01, 2012 9:41 AM Bratcher, Mike, EMNRD D State Battery

Mike,

Sorry this is late.

D State Battery (closest well #21) 30-015-30975 I-S25, T17S, R28E 2310' FSL and 330' FEL Eddy County The fire tube gasket on the heater treater ruptured. 10bbls of oil and 15bbls of produced water released 9.5bbls of oil and 14.5bbls of produced water was recovered All fluid stayed inside the falcon containment, but we believe that maybe some exit the containment. Not sure if it was just from all the rain. We are pulling samples to determine that.

Thanks, C141 to follow.

Natalie Gladder

Apache Corporation Sr. Environmental Tech New Mexico District Cell. 575-390-4186 Office. 575-394-1503 x 1258 Fax. 575-394-2425 Email. natalie.gladden@apachecorp.com

Released to Imaging: 1/11/2023 11:02:37 AM

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	_157_(ft bgs)
Did this release impact groundwater or surface water?	Yes No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes Wo
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Yes 🗹 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	Yes No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Yes No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes 🖸 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes No
Are the lateral extents of the release within 300 feet of a wetland?	Yes No
Are the lateral extents of the release overlying a subsurface mine?	Yes 🚺 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 📝 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🕑 No
Did the release impact areas not on an exploration, development, production, or storage site?	Yes 🗹 No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report	e following items must be included in the report.
---	---

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Data table of soil contaminant concentration data
- Depth to water determination

PM

8/5/2020 3:22:21

Received by OCD:

- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141	State of New Mexico Oil Conservation Divisio	n	Incident ID District RP Facility ID Application ID	
regulations all operators a public health or the enviro failed to adequately inves	formation given above is true and complete to re required to report and/or file certain release to onment. The acceptance of a C-141 report by the tigate and remediate contamination that pose a to of a C-141 report does not relieve the operator ruce BAKer	Title: <u>Ewvir</u>	corrective actions for release the operator of liability shoul rface water, human health or opliance with any other feder commended Tec	es which may endanger d their operations have the environment. In al. state. or local laws
	aker@apachecorp.com	Date:4 Telephone:4	<u>19</u> 132-631-698	12
OCD Only Received by:		Date:		

×

•

Page 6

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Page 9 of 26

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

<u>Closure Report Attachment Checklist</u>: Each of the following items must be included in the closure report.

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

 \square Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.



Released to Imaging: 1/11/2023 11:02:37 AM

Received by OCD: 8/5/2020 3:22:21 PM



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources	Data Category:	Geographic Area:	
<u>oooo mater Resources</u>	Groundwater V	New Mexico 🗸 🗸	GO

Click to hideNews Bulletins

- Please see news on new formats
- Full News 题

Groundwater levels for New Mexico

Click to hide state-specific text

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 324724104082301

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 324724104082301 17S.28E.35.42233

Available data for this site Groundwater: Field measurements V GO Eddy County, New Mexico Hydrologic Unit Code 13060011 Latitude 32°47'24", Longitude 104°08'23" NAD27 Land-surface elevation 3,659 feet above NGVD29 The depth of the well is 280.00 feet below land surface. This well is completed in the Rustler Formation (312RSLR) local aquifer. **Output formats**

 Table of data

 Tab-separated data

 Graph of data

 Reselect period

USGS Groundwater for New Mexico: Water Levels -- 1 sites



Breaks in the plot represent a gap of at least one year between field measurements. Download a presentation-guality graph

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

Accessibility Plug-Ins FOIA Privacy Policies and Notices
U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for New Mexico: Water Levels

USA.gov

Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2018-12-03 16:31:20 EST 1.05 0.92 nadww01

URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Received by OCD: 8/5/2020 3:22:21 PM

	Wa								State E	<u> </u>		ter	
(A CLW##### in the POD sutfix indicates the POD has been replaced & no longer serves a water right tile.)	(R=POD been rep O=orpha C=the filt closed)	laced, ned,						3=SW 4=S Irgest) (N	E) AD83 UTM in m	veters)	(In	i feet)	
		POD											
		Sub-	•	9.9	_	_	_					epth Wa	
POD Number	Code	basin	County				_	X	Y	Distance		/aterCol	
RA 12307 POD1			ED	4 2	2 14	17\$	28E	580495	3633981 😜	3792	140	58	8:
									Avera	ge Depth to	Water	58 feet	t
										Minimum	Depth:	58 feet	t
										Maximum	Depth.	58 feet	t
Record Count: 1													
UTMNAD83 Radius	Search (in	meters)	:										
Easting (X): 577	879		North	ing (Y)	363	1236			Redius: 4000				

6/1/18 9 02 AM

WATER COLUMN AVERAGE DEPTH TO WATER Received by OCD: 8/5/2020 3:22:21 PM

Received by OCD: 8/5/2020 3:22:21 PM



Released to Imaging: 1/11/2023 11:02:37 AM





Page 17 of 26

	Sample Data								
Sample ID	Depth	Chloride	GRO	DRO	Date				
PT 1	Surface	496	<10.0	54.7	9/27/2012				
PT 1	18"	32	<10.0	<10.0	10/12/2012				
PT 2	Surface	6000	1720	5710	9/27/2012				
PT 2	2'	80	<10.0	<10.0	10/12/2012				

. Released to Imaging: 1/11/2023 11:02:37 AM

•



Analytical Results For:

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

Received:	10/12/2012	Sampling Date:	10/11/2012
Reported:	10/16/2012	Sampling Type:	Soil
Project Name:	D STATE BATTERY AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Number: Project Location:	NONE GIVEN NOT GIVEN	Sample Received By:	Jodi Henson

Sample ID: PT. 1 @ 18" (H202489-01)

Chloride, SM4500CI-8	mg/kg		Analyzed By: AP			_			
Analyte Chloride	Result 32.0	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
ТРН 8015М	32.0 16.0 mg/kg		10/16/2012 ND Analyzed By: MS		400	100	400	3.92	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/16/2012	ND	181	90.3	200	0.0725	1.000
DRO >C10-C28	<10.0	10.0	10/16/2012	ND	175	87.3	200	1.06	
Surrogate: 1-Chlorooctane	81.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	79.9	% 63.6-15	4						

Sample ID: PT. 1 @ 2' (H202489-02)

Chloride, SM4500CI-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	10/16/2012	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	10/15/2012	ND	181	90.3	200	0.0725	
DRO >C10-C28	<10.0	10.0	10/15/2012	ND	175	87.3	200	1.06	
Surrogate: 1-Chlorooctane	70.3	% 65 2-14	0						
Surrogate: 1-Chlorooctadecane	66.7	% 63 6-15	4						

Cardinal Laboratories

PLEASE NOTE: Labeley and Damages. Cardinal's kabdity and client's exclusive remedy for any claim ansing, whether based in contract or tort, shall be lanced to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waned unless made in wrong and received by Cardinal webin thiny (30) days after completion of the applicable service. In no event shall Cardinal be based for incidental or consequencial damages, including, wrotout immutation, business interruptions, loss of use, or loss of profits incurred by cleint, its aubisclaimes, afflates or successors analign business interruptions, loss of use, or loss of profits incurred by cleint, its aubisclaimes, afflates or successors analign but 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 Laborationes.

Celeg L'Keine

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



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.
2	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

Received by OCD: 8/5/2020 3:22:21 PM

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Candinal's kability and client's exclusive remedy for any claim ansing, whether based in contract or tort, shall be limited to the anount paid by client for analyses. All claims, induking those for negligence and any other cause whitsoever shall be deemed waived unless made in writing and increved by Cudinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for indefinite or consequencial damages, including, withing how limited to the performance of the services hereunder by Candinal by Client, its sublicabilities of successions anising out of or related to the performance of the services hereunder by Candinal, regardless of whether such claim is based upon any of the above stated reasons or otherwes.

Celegit Keine

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 4

Released to Imaging: 1/11/2023 11:02:37 AM

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ompany Name: Apac	he Corp						1		BI	LL TO						ANA	LYSI	S R	QUE	ST			
	ie Gladden		-				P.(0. #				1								T	1		
ddress; 122. T.L.	1.27						Co	mpan	y:							ഗ						1	
ity: -/	State N	🥡 Zi	p: 1	5324	i ser		Attn:									Cations/Anions							
hone #	Fax#:				-	2	Address							Ę									
ojeci #:	Project Ov	mer.			-		Cit	ty				0	PH 8015 M		r	S				1			
oject Name							Sta	ale	_	Zip		Chlorides	15	\times	Texas TPH	5	0		[
oject Location: <u><u></u></u>	Write Lowis			Phone				one#	:			١Ĕ	8	巴	5	at	I D						
	ATT LEW, 5		_				Fa	ax #;				르	I	BTEX	X		1				1		
GRISABUSE ONLY				····	MATE	IX		PRES	ERV.	SAMP	NG	10	ā		Le L	e				1	1		
Lab I.D. 262489	Sample I.D.	AIGRAG OR ICIOUP	# CONTAINERS	GROUNDWATER WASTEWATER	soit	S LDCT	OTHER	ACLUSASI, CE / COOL	OTHER IC	DATE	TIME					Complete							
1 . Fr.	1612			1	1-1	1				3.1.12	1 17	/	1						[
2 Fr	N I				-	1_	365		1	12	3 5	1	1	5.52		:=1		201	2				
		- 10			4	+-	-	-1	-		lance in		-0.55	-	-			-			-		-
			17	+		+-	55		4-	5100 million		-	-	-	-	-				-			⊢
	1. sta - 1. sta - 1		-			T			th	1.100.00		-		100 I				*****	1		100		
and the second second			1~	120	1	17			Г			-	1.0.000.000	(TATES							-		H
			1	19		1	1	1.0	-	1000		-	223			10.000		1.1.000		[1.7~	
						1																	
				1						1									1.0			-	
ses Alloums including topics for ne	landmar's nacius, and cherd's exclusive element 3-Sente Antiany office chust whiatsoever nor ellos incolectal of consequential damages, inco	di be deem.	26 MES	ed Lillesse	ALC: N BUE	اه و ال	d lever	ees by Ca					н						31				
has a successors also gould for re). Inquished By:	aled to the performance of services hereacke Daile:	tey Casar. T Ri	an inga	ved By	hether suis	s plan	15 54 54	ALLON AT	vy Gf B a	atove statede	Phone Re	54	□ Yet		No	Addil	lione	#.		_			
Para I	Unget T	/	1	VII	•	J.	L	1.2	1.1	<i>t</i>	Fax Resu REMARK		U Yes			Add'i F			-				_
Kake Jop h.	5025 Ung: 3	1/1	1	ved By	4-2	1	KJ	life	51				14 m	1014	enis	1.0	e	-		110			
and oralled by	Time:	0	ccer	veo by							email								yes				
											nataii Zcon								00.0	00.0	ami		
elivered By (Circle		7.4	Ð	Coo	of Int	act	- 24	СН	DINU	RO BY: als]	hcond												
ampler - UPS - Bus -	Olher		Ĩ.,	1 C2	Yes [l Ye	s		11			in w	100-	u ua,	COLL	1 L VY	GILIT	QUE LI	100	100-1	ຕພຸລ.	φQITI	

Page 4 of 4



October 16, 2012

NATALIE GLADDEN APACHE - EUNICE P. O. BOX 1849 EUNICE, NM 88231

RE: D STATE BATTERY AD

Enclosed are the results of analyses for samples received by the laboratory on 10/12/12 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/ga/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,

Received by OCD: 8/5/2020 3:22:21 PM

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

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

Received:	09/27/2012	Sampling Date:	09/26/2012
Reported:	10/01/2012	Sampling Type:	Soil
Project Name:	D STATE BATTERY AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PT. 1 SURFACE (H202355-01)

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM	-				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	09/28/2012	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	8 S	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/27/2012	ND	199	99.7	200	3.11	
DRO >C10-C28	54.7	10.0	09/27/2012	ND	202	101	200	13.6	
Surrogate I-Chlorooctane	94.4	65.2-14	0						
Surrogate: 1-Chlorooctadecane	98.7	63.6-15	4						

Sample ID: PT. 2 SURFACE (H202355-02)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	09/28/2012	ND	416	104	400	3.92	
ГРН 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1720	50.0	09/27/2012	ND	199	99.7	200	3.11	
DRO >C10-C28	5710	50.0	09/27/2012	ND	202	101	200	13.6	
Surrogate: 1-Chlorooctane	201	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	175	% 63.6-15	4						

Cardinal Laboratories

Received by OCD: 8/5/2020 3:22:21 PM

*=Accredited Analyte

PLEASE NOTE: Labelity and Damages. Cardinal's liability and clerit's evolusive remedy for any claim ansing, whether based in contract or tort, shall be limited to the amount paid by cherk for analyses. All claims, including those for negrigence and any other cause whistoever shall be determed waved unliess made in writing and received by claims, including those for negrigence and any other cause whistoever shall be determed waved unliess made in writing and received by claims, and until those completion of the applicable service. In no event shall Cardinal be liable for incidental or consequences damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by cleict, its subsidiantes, affiliates or successors analig out of or related to the performance of the services hereunder by Claimal, regardless of whether such dam is based upon any of the short studie relations or disease. Results relate only to the samples of subfield above. This reproduced enception claimates provide Claima Laborationes.

Celegi Kune

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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

Released to Imaging: 1/11/2023 11:02:37 AM

PLEASE NOTE: Lablety and Damages. Cardinal's bability and clent's exclusive remedy for any claim ansing, whether based in contract or tort, shall be lamited to the amount paid by clent for analyses; All claims, including those for negligence and any other clause whiteover shall be deemed waived unless made in writing and received by Cudinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be lable for incidental or consequencial damages, including, without lameton, business imamupbons, loss of pulse of loss of profits incurred by clent, its subadianes, affiliates or successors among out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims based upon any of the shore stated relation of otherwse. Reveals related holy to the samples related to an and in the approxied claring. In 80 with written approved of Cardinal Laborationes.

Celeg Keine -

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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:	Apacise Corp						1		B	IL.	. 10						ANA	LYSE	S RE	QUE	ST			
Project Manager:	Najalie Gladden						P	0. #	2							1								
Address:					1		Co	mpa	пу:							1	2		[
City:	State:	Zi	p:				At	Attn: Address						1			Cations/Anions							
Phone #:	Fax#:			-			Ac							-	1		Ē							
Project #:	Project Own	ner;					City:				Σ		T	15										
Project Name:							St	ate		Zi	p:		Chlorides	TPH 8015 M		Texas TPH	l ä							
Project Location:	DSJ. H. K. Ling	10				225.1	Ph	one	#				1 č	Ìò	BTEX	5	ați	TDS						
Sampler Name: J	KAMPLAIN			200	- 27		Fa	x #:					음	Ι Υ	6	x a								
FOR UABLICE DIS.Y		T	Т		M/	TRIX	_	PRE	SERV	4	SAMPL	ING	10	ᆸ	-	e l	e							
Lab I.D.	Sample I.D.	GJRAB OR (C)OMP		GROUNDWATER	WASTEWATER	OIL	JER .	ACID/BASE	ICE / COOL OTHER			1					Complete							
1202355		9	Ŭ,	GR	WAS'	Off	0110	¥0	ECE ICE		DATE	TIME										$ \rightarrow $		
	it. I searce		4.					.	-	1	-/6 1 è	11 15								-		-		
Z	Et L' Souther	- E)	1-		. <u> </u> +	-				2	1.12	11-25	1	1								-		
			Ξ.				-			F					-							_	_	
			1-	-				-	1	-	12.2					-	-			1.000	-	-		÷
	·······		-		···			-		-				-					<u> </u>			133		
		-[-	-i	[- !_	}				-			1.00							***				
			1-	10				1	1	1			-			****					1.11			
						171			11.			-	-		and the second second			-10-	1000					
			-		5	1							-		-		111111							
PLEASE NOTE: Lubby and I	loniegos. Cardinal's lability and client's exclusive remedy hose for negligence and any other cause whatsheutri shall			ng ar a e d unle		d k contri	iut et të: Ma sece	C sha*	t a tender Cataloni	d to ba	an sailar isa Beasan St	a sy ite mine k mangalapen ah	a tia De anche a	104						·				
service, In no event shall Card	nal be hable for motionital or consequential dismages, inclu- with figs related to the performance at termices herein der	ding along	1.144	stor, b	victors	etercupter.	s less c	fute c	e loss of	enta	etertest.	Rant is Loss o	a-et.											
Refinquished By:	Date: <u> <u> </u> </u>			ved		1	1	Geo	3	1		Phone Resu Fax Resu REMARK	sult:	C Ye		No No	Add'i Add'i	Phone Fax #:	#:				7	1
Relinguished By	0730 Date: 9-27-1	R	acei	ved	By:		11	-	1	1		email	resul	ts										
11-1	() 9-27-1 Time	3.1	11	A		1	12	И	R.K.	4	1 -	natalie			ap	ache	ecorp	.con	n					
Delivered By	Time: 1200	1V	KL/		1	1	L	116	ine.	1	1. NY	Zcon								-ecs	com;			
		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	20		Cool	e Conu Intaci		i i	CHEC (In	K60 hiáb	ыч. I}	hcond	er@i	rice-e	ecs.c	om;	Lwei							
Sampler - UPS -	Bus - Other:	- 12	$\dot{\mathcal{P}}$	1	Pre	s EF Ý	es lo		1	15		jkamp	lain@	Drice	-ecs	.com								

Page 4 of 4

ć



23Oct19 13:51 D State Battery Lea County, NM © 23-Oct-19 13:51:16



District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
APACHE CORPORATION	873
303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	9529
	Action Type:
	[C-141] Release Corrective Action (C-141)
CONDITIONS	

CONDITIONS

Created By		Condition Date
amaxwe	I None	1/11/2023

Page 26 of 26

Action 9529