



DAVID FEATHER
ENVIRONMENTAL SUPERVISOR
DIRECT: (432) 818-1615
E-MAIL: DAVID.FEATHER@APACHECORP.COM

November 1, 2019

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

RE: 2RP-1133 Red Lake 36 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 deferment request for the release occurring March 21, 2012. Apache is respectfully submitting the deferment request for your approval. Unless further information is requested by NMOCD, Apache Corporation considers this release deferred.

If there are any questions, please feel free to contact me by telephone at 432-818-1615 or by e-mail at David.Feather@ApacheCorp.com.

Sincerely,

A handwritten signature in black ink, appearing to read "David Feather".

David Feather
Environmental Supervisor
Apache Corporation - Permian Basin Region

Attachment: Deferment Report Dated July 23, 2019

**2RP-1133
DEFERRAL REPORT
Red Lake 36 Battery
Crude Oil and Produced Water Spill
Lea County, New Mexico**

Latitude: N 32.79508°
Longitude: W 104.23330°

LAI Project No. 19-0112-29

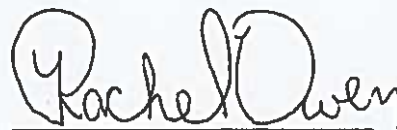
July 23, 2019

Prepared for:
Apache Corporation
2350 W. Marland Blvd
Hobbs, New Mexico 88240

Prepared by:
Larson & Associates, Inc.
507 North Marienfeld Street, Suite 205
Midland, Texas 79701



Mark J. Larson, P.G.
Certified Professional Geologist #10490



Rachel E. Owen
Sr. Geoscientist

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2RP-1133
Deferral Request
Red Lake 36 Battery
July 23, 2019

1.0 INTRODUCTION

Larson & Associates, Inc. (LAI) has prepared this deferral request on behalf of Apache Corporation (Apache) for submittal to the New Mexico Oil Conservation (OCD) District 2 for a crude oil and produced water release at the Red Lake 36 Battery (Site) located in Unit C, Section 36, Township 17 South, Range 27 East in Eddy County, New Mexico. The geodetic position is North 32.79508° and West 104.23330°. Figure 1 presents a topographic map. Figure 2 presents an aerial map.

1.1 Background

The spill occurred on March 21, 2012, when a gasket failed on a heater-treater releasing approximately 15 barrels (bbls) of crude oil and produced water. Approximately 14 bbls of liquid were recovered. All liquid was contained inside the earthen berm of the tank battery. Immediate notification was not given to OCD District 2, however, the initial C-141 was submitted on March 23, 2012. OCD District 2 (Mike Bratcher) approved the initial C-141 on May 29, 2012 and assigned remediation permit number 2RP-1133 to the release.

On May 28, 2014, another release occurred due to a gasket failure covering approximately 5,142 square feet of pasture area southwest of the battery. The release involved approximately 19 bbls of produced water and 1 bbl of crude oil. The initial C-141 stated that approximately 14.5 bbls of produced water and 0.5 bbls of crude oil were recovered. Immediate notice was given to OCD District 2 (Mike Bratcher) through voice message.

Apache contracted Rice Environmental Consulting & Safety (RECS) to begin sampling the spill area in the pasture and battery area on the same day of the release. Remediation of the pasture area was completed on October 3, 2014. The release in the battery was not remediated due to the close proximity to production equipment. The final C-141 was approved on November 26, 2014 under the condition that chlorides be addressed in the battery upon site abandonment. Appendix B presents the RECS data.

1.2 Physical Setting

The physical setting is as follows:

- The surface elevation is approximately 3,620 feet above mean sea level (msl);
- The topography gently slopes westward towards Logan Draw;
- There are no surface water features within 1,000 feet of the Site;
- The soils are designated as "Reeves-Gypsum land complex, 0 to 3 percent slopes", consisting of 0 to 8 inches of loam underlain by 8 to 32 inches of clay loam and 32 to 60 inches of gypsiferous material;
- The surface geology consists of evaporite deposits of the Salado Formation (Upper Permian);
- Groundwater occurs at approximately 78 feet below ground surface (bgs) based on the New Mexico Office of the State Engineer (OSE) website;
- According to the New Mexico Office of the State Engineer (OSE) website the nearest groundwater well is located in Unit K, Section 25, Township 21 South, Range 37 East, approximately 0.51 miles or about 2,705 feet northwest of the Site;
- The site is located in a high karst area according to the Bureau of Land Management (BLM) map.

2RP-1133
Deferral Request
Red Lake 36 Battery
July 23, 2019

1.3 Remediation Levels

The following remediation standards are based on closure criteria for soils impacted by a release as presented in Table 1 of 19.15.29 NMAC:

- Benzene 10 mg/Kg
- BTEX 50 mg/Kg
- TPH 100 mg/Kg
- Chloride 600 mg/Kg

Further, 19.15.29.13 NMAC (Restoration, Reclamation and Re-Vegetation) requires the operator to restore the impacted surface area that existed prior to the release or their final land use.

2.0 DELINEATION

While delineating the second release at Red Lake 36 Battery, RECS collected a soil sample inside the berm area of the battery labeled as point 10. Samples were taken every six (6) inches to 4 feet below ground surface (bgs) and then at every foot to 11 feet bgs. Chloride was reported below the delineation requirement of 600 milligrams per kilogram (mg/Kg) at 9 feet bgs (566 mg/Kg). Chloride reported below the remediation level of 10,000 mg/Kg in all samples. BTEX and TPH were reported below the remediation levels of 50 mg/Kg and 2,500 mg/Kg, respectively, at point 10, 1 foot bgs (<1.2 mg/Kg and 31.4 mg/Kg).

3.0 DEFERRAL REQUEST

Due to the proximity of sample point 10 to production equipment inside the battery containment, Apache requests deferral to complete remediation for 2RP-1133 until abandonment.

Figures



Figure 1 - Topographic Map



Figure 2 - Aerial Map

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

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

NMLB 1215037627 **OPERATOR** ☒ Initial Report ☐ Final Report

Name of Company Apache Corporation 313	Contact Natalie Gladden
Address PO Box 1849 Eunice, NM 88231	Telephone No. 575-390-4186
Facility Name Redlake 36 Battery (nearest well #1)	Facility Type Production Facility

Surface Owner	Mineral Owner State of NM	API No. 30-015-33581
---------------	---------------------------	----------------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	36	17S	27E	990'	FNL	2130'	FWL	Eddy

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Produced water /Oil	Volume of Release 15bbls	Volume Recovered 14bbls
Source of Release Gasket Failure on Firetube	Date and Hour of Occurrence 3/21/12	Date and Hour of Discovery 3/21/12
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input 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.*

Gasket failure on the firetube caused fluid to be released. All fluid remained inside the bermed area.

RECEIVED

APR 30 2012

NMOCD ARTESIA

Describe Area Affected and Cleanup Action Taken.*

Contamination will be hand excavated and the NMOCD Guidelines will be followed to closure.

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:

Natalie Gladden

Printed Name: Natalie Gladden

Title: EHS Environmental Tech

E-mail Address: natalie.gladden@apachecorp.com

Date: 3/23/12

Phone: 575-390-4186

* Attach Additional Sheets If Necessary

OIL CONSERVATION DIVISION

Signed By: *M. L. Brannon*
Approved by Environmental Specialist:

Approval Date: **MAY 29 2012**

Expiration Date:

Conditions of Approval:

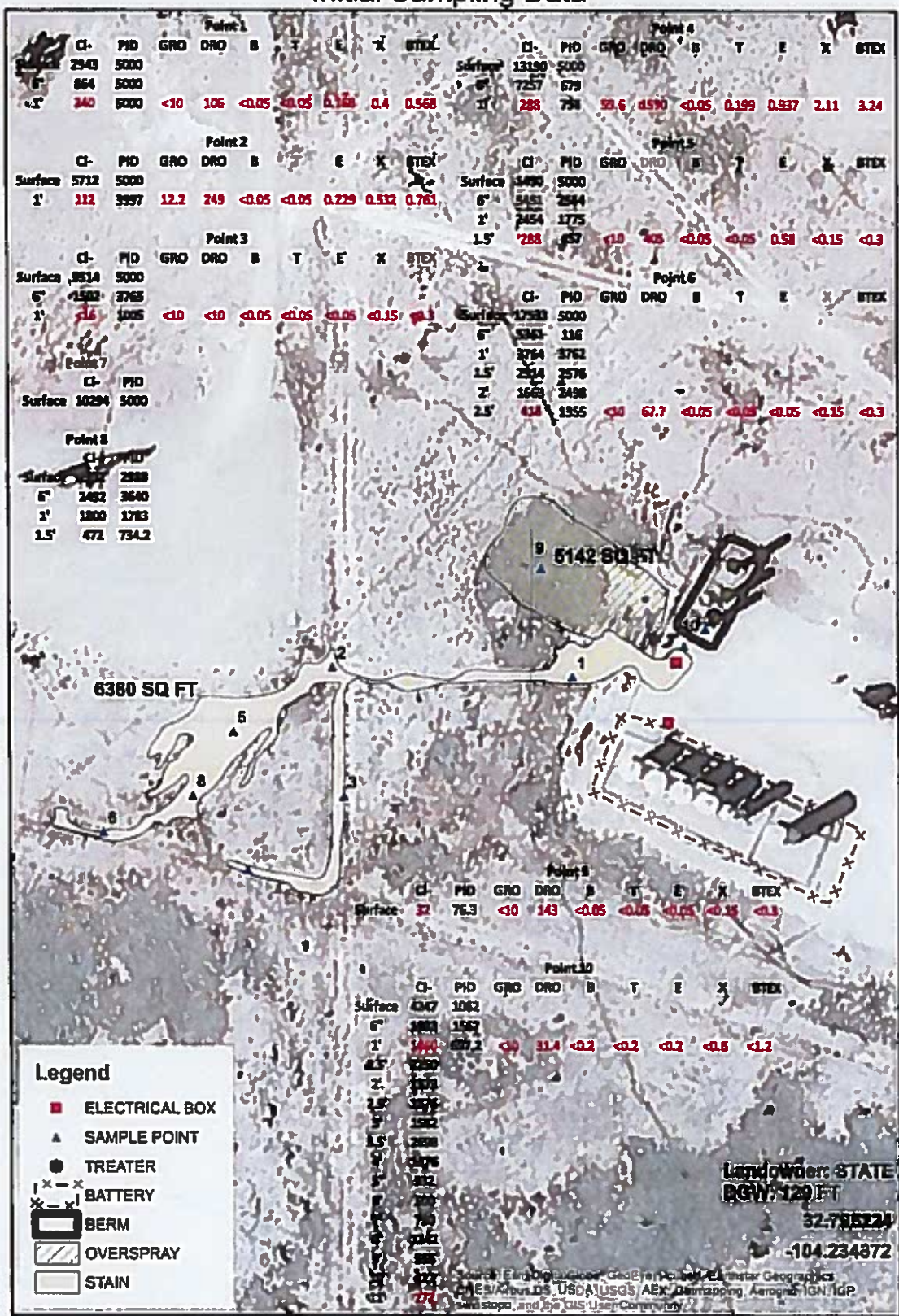
Remediation per OCD Rules & Guidelines. **SUBMIT REMEDIATION PROPOSAL NOT LATER THAN: 6/29/2012**

Attached ☐

2RA-1133

Appendix B
Rice Environmental Consulting & Safety Data

Initial Sampling Data



RECS
RICE ENVIRONMENTAL
CONSULTING & SAFETY

**APACHE
RED LAKE #36
C STATE BATTERY**

UL C SECTION 36
T-17-S R-27-E
EDDY COUNTY, NM

Figure 1

0 50 100 Feet

GPS data: 5/28/14 KH
Drawing date: 8/13/14
Drafted by: T. Grice/L. Weinheimer



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

Analytical Results For:

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

Received: 06/12/2014
 Reported: 06/19/2014
 Project Name: RED LAKE 36 ST. C BATTERY AD
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 06/11/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: PT. 10 @ 1' (H401794-01)**BTEX 8821B****mg/kg****Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	06/14/2014	ND	2.05	102	2.00	0.355	
Toluene*	<0.200	0.200	06/14/2014	ND	2.21	111	2.00	1.10	
Ethylbenzene*	<0.200	0.200	06/14/2014	ND	2.00	99.9	2.00	0.225	
Total Xylenes*	<0.600	0.600	06/14/2014	ND	6.24	104	6.00	0.594	
Total BTEX	<1.20	1.20	06/14/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 105 % 89.4-126**Chloride, SM4500Cl-8****mg/kg****Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1460	16.0	06/18/2014	ND	416	104	400	0.00	

TPH 8015M**mg/kg****Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/18/2014	ND	207	104	200	7.29	
DRO >C10-C28	31.4	10.0	06/18/2014	ND	216	108	200	8.55	

Surrogate: 1-Chlorooctane 90.1 % 65.2-140**Surrogate: 1-Chlorooctadecane 106 % 63.6-154**

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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

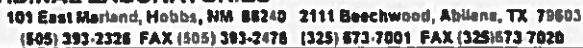
*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 4



Page 4 of 4

#54



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

June 19, 2014

BRUCE BAKER

APACHE - EUNICE

P. O. BOX 1849

EUNICE, NM 88231

RE: RED LAKE 36 ST. C BATTERY AD

Enclosed are the results of analyses for samples received by the laboratory on 06/12/14 9:15.

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_accrred_certif.html.

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

Method EPA 552.2	Halooacetic 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,

A handwritten signature in black ink that reads "Coley D. Keene". The signature is written in a cursive style with a large, stylized 'C' at the beginning.

Coley D. Keene

Lab Director/Quality Manager



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

September 15, 2014

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: RED LAKE 36 C STATE BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/09/14 8:30.

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,

Caley D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 09/09/2014
 Reported: 09/15/2014
 Project Name: RED LAKE 36 C STATE BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 09/04/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: PT. 10 VERTICAL 11' (H402793-01)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	09/11/2014	ND	400	100	400	0.00	

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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RPD	Relative Percent Difference
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***	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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 4



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

PLEASE NOTE: Liability and Damages. Enbridge's liability and that of its subsidiaries for any claim arising whether (a) it is settled or not, shall be limited to the amount paid by the share for the purchase of the shares, including those in possession and any other amount attributable to the dividend account balance made or to be made and received by Enbridge within 70 days after completion of the spinoff. No claim, including those in possession and any other amount attributable to the dividend account balance made or to be made and received by Enbridge within 70 days after completion of the spinoff, against or on behalf of Enbridge for claims for damages or compensation of damages, including related tortious, contractual, business transactions, or other, in, out of or from profits resulting by share or its subsidiaries, or on behalf of Enbridge for claims for damages or compensation of damages, including related tortious, contractual, business transactions, or other, in, out of or from profits resulting by share or its subsidiaries, shall be barred by the statute of limitations.

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-4674

#54

Received 11/25/2014
NMOCD Artesia

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 Street, Hobbs, NM 88240	Telephone No.	(432) 631-6982
Facility Name	Red Lake 36 C State Battery	Facility Type	Battery

Surface Owner	State	Mineral Owner	State	API No.	30-015-33581
---------------	-------	---------------	-------	---------	--------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	36	17S	27E	990	FNL	2130	FWL	Eddy

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release	Oil and Produced Water	Volume of Release	19 barrels of water and 1 barrel of oil	Volume Recovered	14.5 barrels of water and 0.5 barrels of oil
Source of Release	Heater Treater	Date and Hour of Occurrence	5/28/2014	Date and Hour of Discovery	5/28/2014 at 8:20 a.m.
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Left message with Mike Bratcher		
By Whom?	Bruce Baker	Date and Hour	5/28/2014 at 2:35 p.m.		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* The fire tube gasket on the heater-treater failed resulting in the loss of fluid. The treater was isolated and the gasket was replaced.

Describe Area Affected and Cleanup Action Taken.* The released fluid covered 5,142 square feet of pasture land as overspray and 6,380 square feet of battery pad and pasture land as standing fluid. RECS personnel were on site beginning on May 28th, 2014. Seven points within the stain and one point in the battery pad were sampled at the surface and with depth. Representative samples from five points in the stain and the one point in the battery pad were taken to a commercial laboratory for analysis. One point in the overspray, Point 9, was sampled at the surface and taken to a commercial laboratory for analysis. Point 9 returned a laboratory chloride value of 32 mg/kg and a DRO value of 143 mg/kg. The GRO reading and BTEX reading returned values of non-detect. Point 10 was installed on the lease pad between the edge of the bermed battery pad and the pasture. As Point 10 was installed, soil samples were taken every 6 inches to 1 ft and field tested for chlorides. The 1 ft bgs sample and the 11 ft bgs sample were taken to a commercial laboratory for analysis. The 1 ft bgs sample returned a laboratory chloride value of 1,460 mg/kg and a DRO value of 31.4 mg/kg. The GRO reading and BTEX reading returned values of non-detect. The 11 ft bgs sample returned a laboratory chloride value of 272 mg/kg. Based on the laboratory analysis, the release area in the pasture was excavated in three parts to remove the contaminated soil. The area around Point 1, Point 3 and Point 4 was scraped down 1 ft. The area around Point 5 and Point 8 were scraped down 1.5 ft, and the area around Point 6 was scraped down 2.5 ft. All scrapes remained 5 ft away from any underground pipelines to provide safety measures for equipment and personnel. The overspray area in the pasture did not require remediation efforts. The laboratory readings for this area were below regulatory standards, and the recent rains eliminated all evidence of contamination from the vegetation. All excavated soils were taken to a NMOCD approved facility for disposal. Clean top soil was imported to the site to serve as backfill. The scrapes in the pasture were backfilled with the imported top soil and contoured to the surrounding location. On October 3rd, 2014, the disturbed areas in the pasture were disked and seeded with a 50/50 ratio of BLM mix #2 and BLM mix #4. The release areas around Point 10 and within the battery pad were not addressed at this time. Safety issues constrained work in this area, since these two areas enclose multiple production components. Therefore, the release area around Point 10 and the battery pad will be address during site abandonment.

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: 11/26/2014	Expiration Date: N/A
E-mail Address: larry.baker@apachecorp.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 11-21-14	Phone: (432) 631-6982	Elevated chlorides left in place in battery, to be addressed at site abandonment. Compliance module will be left open.

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?

78.0 (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 ☒ No

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.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-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

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State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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.

Printed Name: Larry BakerTitle: Sr. Environmental TechSignature: Larry BakerDate: 7/23/2019email: Larry.Baker@apachecorp.comTelephone: 432-631-6982**OCD Only**

Received by: _____

Date: _____

Form C-141

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State of New Mexico
Oil Conservation Division

Incident ID	nMLB1215037627
District RP	2R-1133
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☒ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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.

Printed Name: Larry BakerTitle: Sr. Environmental TechSignature: Larry BakerDate: 7/23/2019email: Larry.Baker@apachecorp.comTelephone: 432-631-6982

OCD Only

Received by: _____ Date: _____

☐ Approved☒ Approved with Attached Conditions of Approval☐ Denied☐ Deferral ApprovedSignature: Bradford BillingsDate: 07/16/2021

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

Action 2201

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 2201
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	Final remediation deferred until well P&A or other logistical opportunity presents (such as moving Batt)	7/16/2021