

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
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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:		
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.