

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	P.O. Box 1849, Eunice, NM 88231	Telephone No.	(432) 631-6982
Facility Name	Red Lake 29-I State #1	Facility Type	Production Heater

Surface Owner	State	Mineral Owner		API No.	3001533579
---------------	-------	---------------	--	---------	------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	29	17S	28E	1636	FSL	995	FEL	Eddy

Latitude 32.802562 N Longitude -104.19265 W

NATURE OF RELEASE

Type of Release	Oil	Volume of Release	22 bbls	Volume Recovered	20 bbls
Source of Release	Production Heater	Date and Hour of Occurrence	Unknown	Date and Hour of Discovery	6/11/13 1240 hrs
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.* The gasket on the production heater fire tube failed releasing 22 bbls of oil. The power was turned off to the well heads and a vacuum truck was called. The vacuum truck recovered 20 bbls of oil. The fire tube was pulled to replace the gasket.

Describe Area Affected and Cleanup Action Taken.*

A total of 7,113 sq ft of lease pad and pasture land was affected by the release. RECS personnel were on site beginning June 12th, 2013. Soil samples were taken at the surface at six points throughout the release. The samples were taken to a commercial laboratory for analysis. The surface samples from all six points showed elevated laboratory chloride, Gasoline Range Organics (GRO) and Diesel Range Organics (DRO) readings. On August 22nd, 2013, three points in the overspray area were sampled at the surface and at six inches to determine the extent of contamination in this area. All the samples were taken to a commercial laboratory for analysis and returned chloride, GRO and DRO values below regulatory standards. Based on the laboratory analyses and presence of healthy vegetation, the overspray area was not scraped. The remainder of the release area was scraped down 3 to 6 inches and a 5 point composite sample from the base of the scrape was taken to a commercial laboratory for analysis on August 27th, 2013. All constituents returned results below regulatory standards except for DRO, which had a reading of 1,060 mg/kg. The site then was scraped down to 6 to 9 inches and another 5 point composite sample from the base of the scrape was taken to a commercial laboratory for analysis on September 18th, 2013. The 5 point composite returned a GRO result of non-detect and a DRO result of 221 mg/kg. A total of 108 yards of contaminated soil was taken to a NMOCD approved facility for disposal. On October 10th, 2013, NMOCD approved the site to be backfilled. A total of 120 yards of clean soil was imported to the site to serve as backfill. A sample of the imported soil was taken to a commercial laboratory and returned a chloride value of non-detect. The site was backfilled with the clean, imported soil and contoured to the surrounding location.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <u>Bruce Baker</u>		OIL CONSERVATION DIVISION	
Printed Name: Bruce Baker		Approved by Environmental Specialist: <u>[Signature]</u>	
Title: Environmental Technician		Approval Date: <u>7/31/14</u>	Expiration Date: <u>NA</u>
E-mail Address: <u>larry.baker@apachecorp.com</u>		Conditions of Approval: <u>Final</u>	
Date: <u>3-25-14</u> Phone: (432) 631-6982		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary