

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 EL Federal #8	Facility Type Injection Well

Surface Owner Federal	Mineral Owner	API No. 30-015-30262
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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
P	21	17S	30E	380'	FSL	990'	FEL	Eddy

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 25 Barrels of water	Volume Recovered 0
Source of Release Flow line	Date and Hour of Occurrence 4-8-14 at 12:00 pm	Date and Hour of Discovery 4-8-14 at 12:00 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher (NMOCD) and Jim Amos (BLM)	
By Whom? Bruce Baker	Date and Hour 4-9-14 at 8:25 a.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.* Rupture in flow line 400 feet north of well. The well was shut in and the line was repaired.

Describe Area Affected and Cleanup Action Taken.* The release affected 3,799 square feet of pasture land. RECS personnel were on site beginning on April 9th, 2014. An initial surface sample from the release was taken and field tested for chlorides and organic vapors. Based on the elevated field chloride reading of 3,238 mg/kg, a vertical was installed at the site to determine the depth of contamination. Vertical 1 was installed to a depth of 15 ft bgs, and samples were taken to a commercial laboratory for analysis. The 11 ft bgs sample returned a laboratory chloride reading of 5,680 mg/kg. The chloride values decreased to 336 mg/kg at 14 ft bgs and 352 mg/kg at 15 ft bgs. GRO readings, DRO and BTEX readings for all samples returned values of non-detect. Based on the laboratory analysis, the area around Vertical 1 was excavated to 4 ft bgs. Once the excavation was completed, final wall and bottom grab samples were taken and field tested for chlorides and hydrocarbons. The wall samples were taken to a commercial laboratory for analysis and returned chloride values ranging from 96 mg/kg to 1,040 mg/kg. GRO, DRO and BTEX results returned values of non-detect. The bottom samples returned field chloride readings above 1,000 mg/kg in Bottom 1 and Bottom 2. The remainder of the bottom samples returned field chloride readings below 1,000 mg/kg. The bottom samples were not taken to a commercial laboratory for analysis. Two surface samples in the overspray were also taken and field tested for chlorides and organic vapors. Both samples were then taken to a commercial laboratory for analysis. Both samples returned chloride, GRO, DRO and BTEX values at or near non-detectable levels. On July 29th, 2014, a Path Forward was submitted to NMOCD and BLM. NMOCD and BLM approved the Path Forward on July 31st, 2014. Per the Path Forward, a 20-mil reinforced poly liner was installed and properly seated into the base of the excavation. All excavated soil was taken to a NMOCD approved facility for disposal. Clean top soil was imported to the site to use as backfill. The excavation was backfill to ground surface and contoured to the surrounding location. On September 15th, 2014, the disturbed area was seeded with LPC mix, and the seed was raked into the soil.

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: 10/10/2014	Expiration Date: NA
E-mail Address: larry.baker@apachecorp.com	Conditions of Approval: FINAL	Attached <input type="checkbox"/>
Date: 10-7-14 Phone: (432) 631-6982		