

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

Received 3/9/2015
NMOCD Artesia

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 Linn Operating	Contact	
Address 2130 W. Bender, Hobbs, NM 88240	Telephone No.	
Facility Name J.L. Keel A #10	Facility Type Injection	
Surface Owner BLM	Mineral Owner	API No. 30-015-05098

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	07	17S	31E	1980	South	660	East	Eddy

Latitude 32.84728 Longitude -103.90176

NATURE OF RELEASE

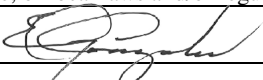
Type of Release Produced Water	Volume of Release 200 bbls	Volume Recovered 0 barrels
Source of Release Fiberglass pipeline	Date and Hour of Occurrence 12/27/2013 2:00pm	Date and Hour of Discovery 12/27/2013 2:00 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Burton – BLM Mike Bratcher – NMOCD	
By Whom? Joe Hernandez	Date and Hour 12/27/2013 3:00 pm	
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.* Line #3 at Keel West injection was going down on low discharge pressure. The lines were closed and the leak was found 500 feet south of the Keel A #10 well. Line was shut in.

Describe Area Affected and Cleanup Action Taken.* The release affected 26,301 square feet of pasture land. RECS personnel were on site beginning on December 31st, 2013 to assess the release. Seven points from within the release area were sampled at the surface and with depth. Representative samples were taken to a commercial laboratory for analyses. Three soil bores were installed within the release on February 19th, 2014. The soil bores were installed over Verticals 1-3. SB-4 was installed outside the release area to confirm that groundwater was not present at the site. At 103 ft bgs, red bed clay was encountered, which indicated the bottom of the aquifer. The bore was left open for over 48 hours. On February 25th, 2014, the bore was gauged to determine depth to groundwater, and no groundwater was discovered in the bore to a depth of 105 ft bgs. On April 4th, 2014, a CAP was submitted to NMOCD and BLM. BLM approved the CAP on April 8th, 2014, with the stipulation that all areas would have to be excavated to 4 ft bgs to achieve the BLM closure level of 1,000 ppm chlorides. Corrective actions began at the site on May 28th, 2014. The release was excavated in four sections, each to a depth of 4 ft bgs. Wall samples were taken from each of the four sections and sent to a commercial laboratory for analyses. Results of this analyses confirmed constituents below regulatory standards. A 20-mil, reinforced poly liner was seated and key set into the base of the Southeast, Northeast, and West excavations. A total of 2,580 yards of contaminated soil was taken to a NMOCD approved facility for disposal. A request to backfill the site was sent to NMOCD and BLM on July 31st, 2014. Both parties approved the site to be backfilled on August 1st, 2014. A total of 2,592 yards of top soil were imported to the site to blend with the remaining soil to use as backfill. An 8 point composite sample of the blended soil was taken to a commercial laboratory for analysis and returned a chloride value of 368 mg/kg. GRO, DRO and BTEX readings returned values of non-detect. The site was backfilled with the blended soil. On October 30th, 2014, soil amendments were added to the disturbed areas and the site was seeded with LPC mix.

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: 	OIL CONSERVATION DIVISION		
Printed Name: E.L. Gonzales	Approved by Environmental Specialist:		
Title: Production Supervisor	Approval Date: 3/18/2015	Expiration Date: N/A	
E-mail Address: elgonzales@linenergy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 03/09/2015	Phone: 505-504-8002	FINAL	

2RP-2142