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

nJMW 1321151567

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Linn Energy 269324	Contact Brain Wall
Address 2130 W. Bender Blvd. Hobbs, NM 88240	Telephone No. (806) 367-0645
Facility Name Max Friess Supply Line	Facility Type Supply Line

Surface Owner State	Mineral Owner BLM	API No. 3001528822

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	19	17S	31E	30	FNL	1320	FEL	Eddy

Latitude_____ **Longitude**_____

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 40 bbls	Volume Recovered 10 bbls
Source of Release	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 5/16/13 10:30 am
Was Immediate Notice Given? ☐ Yes ☒ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

RECEIVED
NOV 18 2013
NMOCD ARTESIA

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* Corrosion in the 4 inch steel injection line released 40 bbls of produced water. A vacuum truck was called to the site, which picked up 10 bbls of produced water.

Describe Area Affected and Cleanup Action Taken.* The release measured 11,504 sq ft in the pasture area. RECS personnel were on site beginning on May 20th, 2013 to take initial samples from the release. The samples were field tested for chlorides and hydrocarbons and suggested elevated levels of chlorides throughout the release and relatively low levels of hydrocarbons. Based on the surface data, RECS installed six verticals at each surface sample point. BLM approved vertical installation on July 23rd, 2013. As the verticals were installed, samples were taken at regular intervals and field tested for chlorides and hydrocarbons. Representative samples from each vertical were taken to a commercial laboratory for analysis. Verticals #1 and #2 were installed to a depth of 15 ft bgs and showed elevated laboratory chloride readings at that depth. However, GRO, DRO and BTEX readings were non-detect, except for in Vertical #1 where the toluene reading was 0.086 mg/kg at 1.5 ft and in Vertical #2 where the DRO reading was 11.3 mg/kg. Vertical #3 was installed to a depth of 13 ft bgs and Vertical #4 was installed to a depth of 4 ft bgs where laboratory chlorides, GRO, DRO and BTEX readings were low in the bottom most sample of each vertical. Vertical #5 was installed to a depth of 15 ft bgs where the laboratory chloride reading was 384 mg/kg and GRO, DRO and BTEX readings were non-detect. Vertical #6 was installed to a depth of 9 ft bgs where the laboratory chloride reading was 96 mg/kg and the GRO, DRO and BTEX readings were non-detect. On August 6th, 2013 BLM approved soil bore installation activities at the site that occurred on August 20th, 2013. Two soil bores were installed at the site. SB-1 was installed to a depth of 99 ft bgs and field samples were taken at regular intervals as the bore was advanced. Representative samples from the bore were taken to a commercial laboratory for analysis. Laboratory chloride readings returned results of 5,920 mg/kg at 51 ft bgs, 80 mg/kg at 96 ft bgs and 144 mg/kg at 99 ft bgs. GRO, DRO and BTEX readings at all depths were non-detect. SB-2 was installed to a depth of 120 ft bgs to determine the depth of groundwater at the site. Red bed clay was encountered at a depth of 99 ft bgs, which indicates the bottom of the aquifer. The bore indicated no groundwater to a depth of 120 ft. On September 5th, 2013, a Corrective Action Plan (CAP) for the site was sent to NMOCD and BLM. NMOCD and BLM approved the CAP on September 9th, 2013. On September 12th, 2013, RECS personnel were on site to begin the excavation for liner installation. The site was excavated to a depth of 4 ft bgs and samples were taken along the walls and field tested for chlorides and hydrocarbons. The walls of the excavation were extended until field tests concluded that the walls had field chloride values less than 1,000 mg/kg. The excavation was completed on October 9th, 2013 and final wall samples were taken on October 10th, 2013. The wall samples were field tested for chlorides and hydrocarbons and representative samples were taken to a commercial laboratory for analysis. A 2 foot trench was installed along the edge of the base of the excavation to prepare to key set the liner. A 20-mil reinforced poly liner was installed and key set into the excavation. The excavation was then backfill to 2 ft bgs with imported soil. A sample of the imported soil was taken to a commercial laboratory for analysis and returned a chloride result of non-detect. The caliche road that had been installed to conduct soil bore installations was scraped us and placed into the excavation at 2 ft bgs. The remainder of the excavation was then backfilled to ground surface with the imported soil and contoured to the surrounding location. On November 5th, 2013, the site was tilled with soil amendments and then 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: Fred B Wall

Printed Name: Brian Wall

Title: Construction Foreman II

E-mail Address: Bwall@linnenergy.com

Date: 11-15-13 Phone: (806) 367-0645

OIL CONSERVATION DIVISION

Approved by Environmental Specialist: [signature]

Approval Date: 12/4/13 Expiration Date: N/A

Conditions of Approval: N/A

Attached ☐

2RP-1877