<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District III
1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

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 Energy | | | | | | Contact: Joe Hernandez | | | | | | | |
| Address: 2130 W Bender Blvd Hobbs, NM | | | | | | Telephone No.: 575-942-8675 | | | | | | | |
| Facility Name: JL Keel B 10 | | | | | | Facility Type: Injection Well | | | | | | | |
| Surface Owner: Federal Mineral Owner | | | | | | : Federal | | | API No.: 3001505110 | | | | |
| LOCATION OF RELEASE | | | | | | | | | | | | | |
| Unit Letter B | 1 1 1 | | | | | h/South Line North | Feet from the 1980 | East/West Line East | | County Eddy | | ly | |
| Latitude: N32.85446 Longitude: W103.88899 | | | | | | | | | | | | | |
| Type of Release: Produced Water / Oil NATURE OF RELEASE Volume of Release: 14 / 2 Volume Recovered: 0 / 0 | | | | | | | | | | | | | |
| | | Volume of Release: 14 / 2 Date and Hour of Occurrence: | | | Volume Recovered: 0 / 0 Date and Hour of Discovery: | | | | | | | | |
| Source of Release: Pipeline | | | | | | 06/15/2012 - 1730 06/1 | | | | /2012 - 1800 | | | |
| Was Immedia | te Notice G | If YES, To Whom? Mike Bratcher - OCD, Terry Gregston - BLM | | | | | | | | | | | |
| By Whom? Joe Hernandez Was a Watercourse Reached? | | | | | | Date and Hour: 06/18/2012 - 1200 If YES, Volume Impacting the Watercourse. | | | | | | | |
| Was a Watero | ourse Reach | If YES, Vo | lume Impacting th | ne Wate | ercourse. | | | | | | | | |
| If a Watercourse was Impacted, Describe Fully.*: | | | | | | | | | | | | | |
| Describe Cause of Problem and Remedial Action Taken.*: Pump #2 failure, reset pump, it failed to run. Line #5 pressure down, walked lines and found leak. | | | | | | | | | | | | | |
| Describe Area Affected and Cleanup Action Taken.*: 180ft x 5ft. Impacted soils above regulatory threshold levels were manually and mechanically excavated from the spill area and transported off-site to Lea Land Landfill. However, there is still impacted soil at SP1. A soil boring was performed at SP1 to a depth of 15-16 ft. The delineation determined the chloride levels to | | | | | | | | | | | | | |
| However, there is still impacted soil at SP1. A soil boring was performed at SP1 to a depth of 15-16 ft. The delineation determined the chloride levels to be 965mg at 16ft. Additional excavation is not practical at this point due to, numerous flow lines that traverse through all parts of the excavation, which restricts any further excavation due to safety concerns. | | | | | | | | | | | | | |
| As discussed in section 5 of the Corrective Action Plan dated June 22, 2012, LINN is proposing to apply a calcium amendment to the bottom of the excavation (gypsum) then backfill with clean compacted fill material to within 1.5 – 2ft of surface then complete the backfill with compatible soil which is | | | | | | | | | | | | | |
| conducive to growing vegetation. Using gypsum will effectively assist in ensuring that any residual chlorides in the bottom of the excavation will not migrate further and cause any adverse impact to the reclamation of the site. | | | | | | | | | | | | | |
| Once the impacted soils were removed to acceptable levels, and the gypsum installed, the pasture area was backfilled with like materials and smoothed to grade, then seeded with a BLM mix #2 & #4. Water bars were installed to prevent wind and water erosion. | | | | | | | | | | | | | |
| Brade, then seeded with a DEM mix "2 & "7. Water bas were instanted to prevent white and water crosson. | | | | | | | | | | | | | |
| 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. | | | | | | | | | | | | | |
| 141 8 | | | | | | OIL CONSERVATION DIVISION | | | | | | | |
| Signature: | 14.6 | mon / | | | | | | | | | | | |
| Printed Name: Jose Hernandez | | | | | | Approved by District Supervisor: | | | | | | | |
| Title: Foreman | | | | | | Approval Date: 6/4/14 Expiration Date: NA | | | | | | | |
| E-mail Address: jhernandez@linneenrgy.com | | | | | | Conditions of Approval: Attached | | | | | | | |
| Date: October 2 | Date: October 23, 2012 Phone: 575-738-1739 | | | | | | | | | | | | |