

Laramie Energy

RE: BCU 13A pad
NENE Section 13, Township 9S, Ranch 93W
Mesa County, Colorado

Waste Management Plan

- A. LE plans to drill the wells within this project boundary with a dewatering system with no need for a reserve pit. Drilling fluids are recycled and re-used with cuttings being de-watered and captured in a catch pan, stacked in a cuttings management area and allowed to dry. Once the cuttings are dry and satisfy the COGCC for Rule 910 analytics, the cuttings will be buried on location and covered with a minimum of 3 feet of cover.
- B. Sewage: Chemical toilets or an enclosed sewer system will be used. Contents will be disposed of at an approved disposal facility. No bore holes will be used for disposal of waste materials. Human waste will be contained and will be disposed of at an approved sanitary landfill.
- C. Garbage and other waste materials: All garbage and trash will be stored in a totally enclosed trash container and removed and deposited in an approved sanitary landfill within one week following termination of drilling operations. The well-site and access road will be kept free of trash and debris at all times.
- D. Produced fluids—liquid hydrocarbons produced during completion operations will be placed in tanks on the location.
- E. LE plans to drill the wells within this project boundary with a dewatering system with no need for a reserve pit. Drilling fluids are recycled and re-used with cuttings being de-watered and captured in a catch pan, stacked in a cuttings management area and allowed to dry. Once the cuttings are dry and satisfy the COGCC for Rule 910 analytics, the cuttings will be buried on location and covered with a minimum of 3 feet of cover.
- F. Sewage: Chemical toilets or an enclosed sewer system will be used. Contents will be disposed of at an approved disposal facility. No bore holes will be used for disposal of waste materials. Human waste will be contained and will be disposed of at an approved sanitary landfill.
- G. Produced fluids—liquid hydrocarbons produced during completion operations will be placed in tanks on the location.
- H. Permanent 400 bbl steel tanks will be installed next to the production facilities to contain any produced water (if not used for drilling or completion) for the duration of the wells. The produced water will be pumped to LE Harrison Creek Water Treatment Facility (HCWTF) for treatment and re-cycling or trucked to Danish Flats Disposal Facility in Cisco, Utah, Harley Dome Facility in Utah, Greenleaf Disposal in DeBeque, Co or another state approved disposal facility.
- I. Laramie Energy complies with those standards set forth by CERCLA and RICRA for the disposal of hazardous waste materials from oil and gas development. Also, hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.