

**October 9 UPDATE Kobe-Chevron Valve Can Release****Fischer - DNR, Alex** <alex.fischer@state.co.us>

Thu, Oct 10, 2019 at 7:41 AM

To: Lorne Prescott <lprescott@laramie-energy.com>

Cc: Steven Arauza - DNR <steven.arauza@state.co.us>, "Hughes - DNR, Jim" <jimo.hughes@state.co.us>, John Heil - DNR <john.heil@state.co.us>, Chris Clark <cclark@laramie-energy.com>, Wayne Bankert <wbankert@laramie-energy.com>, Eric Lane <elane@laramie-energy.com>, Stuart Hall <shall@entradainc.com>

Lorne-

I have reviewed and approved the Initial F27. Provide a Supplemental F27 describing mitigation and remediation activities taken to date, updated soil and surface water sample location maps, analytical data summarized in table format as well as laboratory reports. Until analytical reports have been received and reviewed, Laramie shall continue to sample for all 910-1 for soil and 609 for fluids (water). An explanation for why the "The same analyte is found in the associated blank." is needed for the sample you have referenced in the attached preliminary report.

Last night along the Front Range we had considerable amount and rain which turned to snow and is continuing. I do not know what the weather is around De Beque; however, Laramie should be monitoring runoff and BMPs during and after this precipitation event. Additional sampling will be necessary at the POR, and along the drainage and flow path(s) that were not excavated.

Thanks

Alex

On Wed, Oct 9, 2019 at 3:09 PM Lorne Prescott <lprescott@laramie-energy.com> wrote:

October 9, 2019

Laramie Energy, LLC

Update for Kobe-Chevron Valve Can Release

Soils in the immediate vicinity of the release, along roadway and level surfaces near the roadway were excavated and removed. Sampling of soils beneath the removed materials was conducted and sent in for analysis.

BMPs such as straw bales and wattles were installed and/or augmented to prevent sediment from migrating down gradient into the surface water routes. This is in addition to blocking off entrances to culverts and constructed sand bag dam down gradient in the irrigation ditch (below release entry to ditch).

Final data and calculation of the total volume of fluids release was completed. Laramie now estimates 900 bbls of fluid was released (original reported estimate was approximately 1,500 bbls). Total volume of fluids recovered by vac trucks was 190 bbls.

PRELIMINARY data for the fluids that accumulated in the valve can (release point of origin) demonstrate criteria levels that are significantly below the Table 910-1 levels: TPH = 5.11 mg/l, Benzene = 0.00139 mg/l, etc. (see attached)

Laramie is gathering additional background samples from around the area of the release. Our intent is to gather additional information related to the levels of Chlorides, EC, SAR and Arsenic in the region.

If you have any questions please contact me.

Lorne C. Prescott

Regulatory and Environmental Compliance

Laramie Energy, LLC

760 Horizon Drive Suite 101

Grand Junction CO 81506

Office: (970) 812-5311

Cell: (970) 210-6889

lprescott@laramie-energy.com

--

Alex Fischer, P.G.**Environmental Supervisor, Western Colorado**

P 303.894.2100 x5138 | F 303.894.2109 | C 303.501.3900

1120 Lincoln Street, Suite 801, Denver, CO 80203

| alex.fischer@state.co.us | www.colorado.gov/cogcc