



## Spills Update 10-23-19

Fischer - DNR, Alex <alex.fischer@state.co.us>

Thu, Oct 24, 2019 at 12:07 PM

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

All- My original email from October 16, 2019, asking for updates, was meant for you provide the various project details on the appropriate F19s and F27s and not long email chains. These emails get to be rather cumbersome with project confusion. Please capture the various project details in the appropriate F19s and F27s.

Alex

On Wed, Oct 23, 2019 at 10:27 AM Wayne Bankert <wbankert@laramie-energy.com> wrote:

Alex and All,

Brief up date on spills this week.

If you wish to have the conference call in the morning let me know. If not, I would like to wait until Mr. Prescott returns.

In regards to spill No. [402206312](#); (CC 604-41-32).

Spill/Release ID  
#468737

Should have both preliminary and confirmation samples back today or tomorrow. Once we review we will go forward with either additional excavation or

Put the pad back together. We did excavate up against the "frac" tank on one side. If that area is still hot, **I will make note** and make sure once get done completing the pad, Laramie goes back and cleans under the tank if need be.

We received the Contractor report. Felt it was inadequate and had a phone conference with their higher ups to discuss.

I am gathering the work tickets for the yardage we disposed of at Greenleaf.

In regards to the Spill No. [402195259](#) (Kobe-Chevron Valve Can)

Spill/Release ID  
#468517

I started drafting a Form 27 and attached all the data we had received as of Monday on the leak and will continue to include additional as it comes back.

As I mentioned last week, one of the landowners opened up the head gate without our knowledge. We did gather more water samples downstream and are waiting for

the report.

One of the landowners(Donna Keeler) called Chris Clark claiming she had not been made aware of the leak. We did contact the individual (her son I believe) living on the property, but

apparently he did not forward the notification on to her. Chris met with her yesterday 10/22/19 and presented her with all of the information regarding the leak including the water data for the irrigation ditch.

In regards to spill No. [402189088](#) (My way 17-2)

Spill/Release ID #468098
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We have not seen the samples results back for the site investigation yet. However, we are working on a plan this week to completely remove the concrete apron and rebuilding that section of the

Off load for the disposal well.

Additional notes:

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Regarding the Spill in September on the [Piceance 28-11\(438499\)](#) Pad

Spill Release ID: 467201

This was originally a tank overflow inside the secondary containment. These containments that have pea gravel have become more of a hindrance than a benefit. Whenever Laramie has spills such as this, we normally remove and haul

the gravel off to disposal and replace the liner with a spray-on system. In this case, Steven was out 9/4/19 to inspect and identified a small staining (Photo 7 in his inspection doc. No 698100073). We thought we had it cleaned up

but when we started working on the containment we discovered it had gone under further and also found a couple of other staining's. We have excavated the material and caught confirmation samples and have the results back.

We had one corner still pretty high in DRO/GRO so are re-excavating that corner tomorrow 10/23/19 and will gather more confirmation samples. I intend to file another form 19 supplemental with the map and first round of sample confirmations.

Regarding Historic Spill on the **Hawxhurst 24-09( 419498) Pad**

**Spill Release Id No: 441823.**

Researching this spill, Piceance Energy (nka Laramie Energy) filed an initial Form 19 Initial/w Supplemental 5/15/19 with Carlos Lujan. Laramie had Olsson and Associates(Stuart Hall) conduct delineation and sampling of the spill site on 5/13/15.

On 6/12/15, the data was submitted to Carlos Lujan via e-mail for review. On 6/17/15, Carlos e-mailed Stuart back and stated no further sampling would be required. On 6/23/15 Olsson (Stuart) up loaded data to the COGCC site and requested closure at that time after further discussion with Carlos. Why the uploaded data does not appear on the OGCC website I have no idea.

Unfortunately, since that date Olsson has closed its doors on the Western Slope. The data Olsson supplied Laramie at office closure was fragmented , so Laramie is contacting them for the spill data and analysis in hopes they have it archived.

I can attach what I have: the map, field notes and e-mail communicades in a Form 19 supplemental. Let me know.

Thank you

**Wayne Bankert | Regulatory & Environmental Manager**



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**From:** Wayne Bankert

**Sent:** Wednesday, October 16, 2019 10:07 AM

**To:** 'Fischer - DNR, Alex' <[alex.fischer@state.co.us](mailto:alex.fischer@state.co.us)>; Chris Clark <[cclark@Laramie-Energy.com](mailto:cclark@Laramie-Energy.com)>; Lorne Prescott <[lprescott@Laramie-Energy.com](mailto:lprescott@Laramie-Energy.com)>; Eric Lane <[elane@Laramie-Energy.com](mailto:elane@Laramie-Energy.com)>; Milt Johnson <[mjohnson@Laramie-Energy.com](mailto:mjohnson@Laramie-Energy.com)>

**Cc:** Steven Arauza - DNR <[steven.arauza@state.co.us](mailto:steven.arauza@state.co.us)>; John Heil <[john.heil@state.co.us](mailto:john.heil@state.co.us)>; Jim Hughes - DNR

Alex and all,

In regards to spill No. [402206312](#); (CC 604-41-32)

Laramie has delineated the site and 4395 sq. ft (~66'x66')(exhibit attached) was impacted by the spill. We did catch preliminary soil and water samples and anticipate having them back by this Friday 10/18/19.

We did not wait for the analysis and commenced removing the impacted material Friday 10/11/19 and hauling it offsite to disposal (Greenleaf Environmental). I have Entrada and one of our

People going up today to inspect and gather confirmation samples if they feel the site has been adequately excavated. If not, we will continue to do so. Once all the material is excavated, I will get the impacted yardage that was hauled away.

We did determine the volume recovered at 10 bbls but are struggling with the volume released since it did not come from tankage.

We are in discussion with the contractor responsible and I am waiting for their report regarding the cause, reasoning, etc.

I will include all of this in the supplemental Form 19.

In regards to the Spill No. [402195259](#) (Kobe-Chevron Valve Can)

Last week as we discussed previously, we did remove the impacted material along the road shoulder, adjacent to the valve can, and also the turnout on the south side of x ½ rd. We did capture confirmation soil

samples and are waiting for the results back from them. Because of the amount of sampling and the way it has come in sporadically, I asked Entrada to compile it all in a spreadsheet and send it and the reports to us.

Entrada expects to have that completed today and sent out.

On Friday, we installed four check dams down the drainage toward the irrigation ditch in case of any major storm events (Photos attached). In addition, we had our storm water people install some straw waddles and rock checks downstream of the area we excavated to capture any sediment that might move during an event.

We continue to monitor the site to insure no fluid or soil migration makes it to the ditch. Fortunately, we have had no moisture since the incident.

In regards to spill No. [402189088](#) (My way 17-2)

As discussed, Laramie potholed the area around the truck loadout last week and did hit standing water at 3 feet. A sample was not collected at that time but Entrada was instructed to return to site and capture a sample if possible.

The hole was left open and fenced to observe water flow if any and also if a significant volume collected to pull it out with a water truck. Bob Stockton with Entrada returned to the site on Friday(10/11), and was unable to capture a water sample due to insufficient water. I have attached a photo I received from him via e-mail on Friday.

The rest of the loadout was potholed and soil samples were taken and sent off for analysis. To date, I have not seen the results. For safety concerns, I did have the potholes back filled until Laramie can prepare a remediation plan for the site and under the concrete loadout. I intend to have a draft plan together next week for the project. I did observe the water hauler using drip pans under their hoses at the time I was there.

I am in the field tomorrow with the BLM from 8-12. If we need to visit, please feel free to give me call.

Thanks

**Wayne Bankert | Regulatory & Environmental Manager**



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**From:** Fischer - DNR, Alex <[alex.fischer@state.co.us](mailto:alex.fischer@state.co.us)>

**Sent:** Wednesday, October 16, 2019 8:56 AM

**To:** Wayne Bankert <[wbankert@laramie-energy.com](mailto:wbankert@laramie-energy.com)>; Chris Clark <[cclark@laramie-energy.com](mailto:cclark@laramie-energy.com)>; Lorne Prescott <[lprescott@laramie-energy.com](mailto:lprescott@laramie-energy.com)>

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**Subject:** Resent Spills

**CAUTION:** This email originated from outside of the organization. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Folks-

Please provide updates for the following:

10/10/2019	<a href="#">402206312</a>	468737	CC 604-41-32		10433	LARAMIE ENERGY LLC
10/1/2019	<a href="#">402195259</a>	468517	Kobe-Chevron Valve Can	PIPELINE	10433	LARAMIE ENERGY LLC
9/27/2019	<a href="#">402189088</a>	468098	My Way 17-2		10433	LARAMIE ENERGY LLC

Spill ID 468737- Status?

Spill ID: 468517 - Remediation efforts were underway last week. Has any of the analytical data been received? COGCC has only received some initial preliminary data. It has been 2-weeks since the incident occurred.

Spill ID: 468098 - Pot holes were dug last week with fluids being detected at about 3 feet below ground surface. Laramie was instructed (verbally) on 10/11/19 to collect a sample of the fluids and analyze for the the Rule 609 analyte suite, less the dissolved gases. Please provide an Initial F-27 presenting field notes, observations, measures taken to date regarding the Spill, and Laramie's approach for complying with Rule 901.e. in addition to delineating the vertical and aerial extent of impact. Incident occurred on 9/24/19, last update 10/2/19.

Alex

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**Alex Fischer, P.G.**

## Environmental Supervisor, Western Colorado



[https://mail.google.com/mail/u/0/?ui=2&ik=a54cdb197c&view=att&th=16a79ac235154a69&attid=0.2&disp=thd&realattid=f\\_jv6xus9p4&safe=1](https://mail.google.com/mail/u/0/?ui=2&ik=a54cdb197c&view=att&th=16a79ac235154a69&attid=0.2&disp=thd&realattid=f_jv6xus9p4&safe=1)

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