

## Mike Gardner

**From:** Murray - DNR, Richard <g.richard.murray@state.co.us>  
**Sent:** Tuesday, July 07, 2020 4:18 PM  
**To:** Mike Gardner  
**Cc:** john.heil@state.co.us  
**Subject:** Re: Response to Questions concerning spill from pipeline near the GM 41-4-796 well pad (COGCC Location ID 333109)

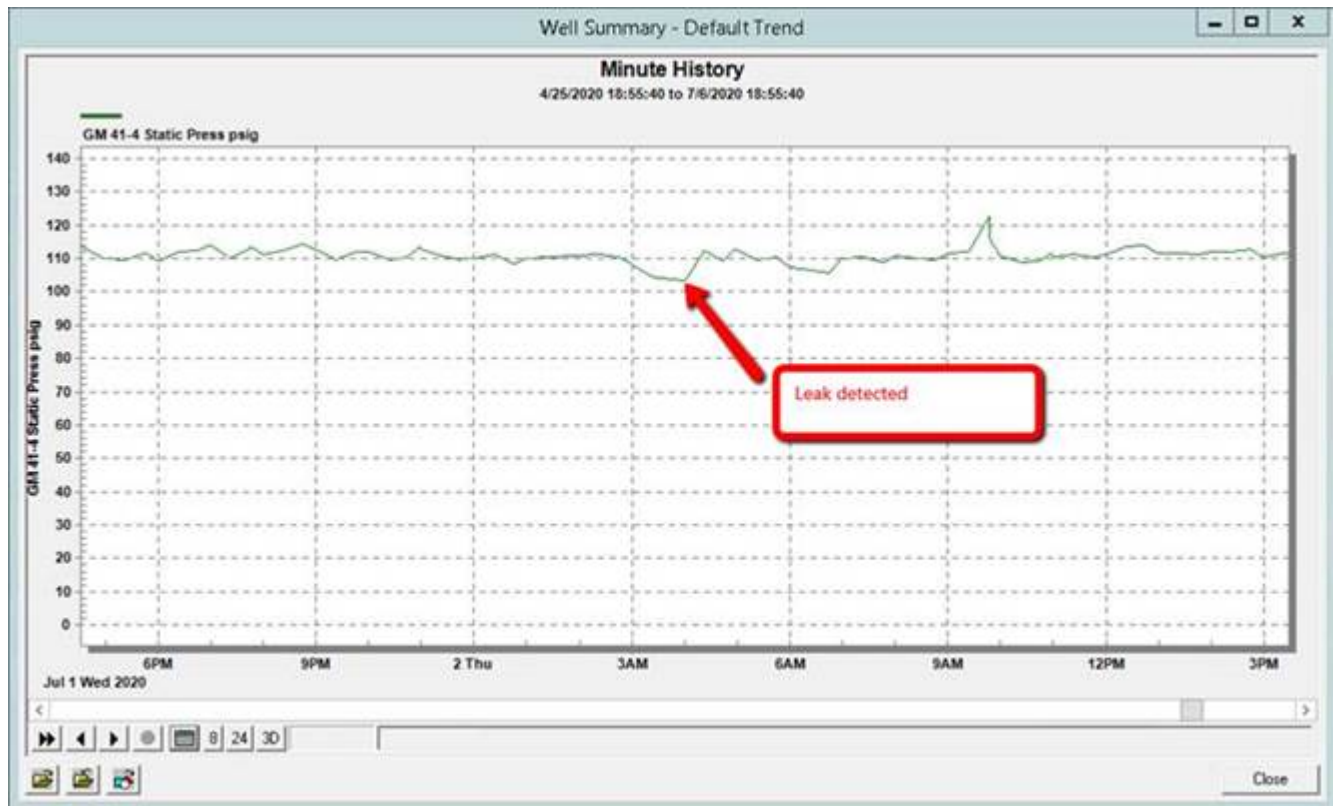
Thanks for the update.

On Tue, Jul 7, 2020 at 4:13 PM Mike Gardner <[MGardner@terraep.com](mailto:MGardner@terraep.com)> wrote:

Hi Richard,

To follow up on our conversation from yesterday, here is some additional information regarding your questions about the recent water spill from the 8-inch gas gathering line near the GM 41-4-796 well pad on July 1, 2020.

1. This line is continuously monitored using SCADA. The chart below shows the drop in the static line pressure which corresponds to when the leak likely began.



2. We do have the failed section of pipe, but we do not plan to send it to a lab for any type of metallurgical failure analysis. A picture of the hole is attached, and it is evident that the coating on the exterior of the pipe was likely damaged during installation. Note the cracked and flaked chipping of the external coating around the hole. This external damage, combined with being co-located in a “low-spot” on the pipeline profile likely combined to accelerate the failure at this specific location resulting the loss of water that had also accumulated within this low segment of the pipeline. As you said ... it appears to be kind of a “perfect storm” of events.
  
3. We consider this line to be a gas *gathering* pipeline. The custody transfer point is on location, and past anything that point (i.e., after leaving the pad) is considered to be part of the gathering line system. This leak definitely occurred past the custody transfer point, and therefore is considered part of the gathering line.
  
4. I received preliminary lab data back for soil samples collected from the excavation and these data confirm that there is virtually no hydrocarbon contamination present within the impacted area. Once I receive the final lab package, I will submit the data on a Supplemental Form 19 to John Heil. I expect to receive the final data within the next day or so, so I should have the Supplement Form 19 submitted by the end of the week.

Please let me know if you have any questions, or need additional information.

Thanks.

Mike Gardner

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[mgardner@terraep.com](mailto:mgardner@terraep.com)

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Thanks,

**G. Richard Murray**  
**Western Integrity Inspector**



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