

## Axelson, John

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**From:** Axelson, John  
**Sent:** Wednesday, June 29, 2011 5:28 PM  
**To:** 'Randall Ferguson'  
**Cc:** Adell K. Heneghan; Brandon S. Bruns; Brian Dodek  
**Subject:** RE: Heldt 12-18 No Further Action Request  
**Attachments:** PDC Heldt 12-18 Final Rem Rpt 6-28-11.pdf

Randall,

Based on the information submitted, COGCC approves the no further action request for remediation at the subject site. The related spill report and remediation project #5473 have been changed to closed status in COGIS. Please make sure the monitoring wells associated with this project are properly plugged and abandoned in accordance with DWR guidelines. Keep a copy of this email as verification of COGCC concurrence with the closure request.

Thank you,  
John

John Axelson, P.G.  
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Colorado Oil & Gas Conservation Commission  
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**From:** Randall Ferguson [<mailto:rferguson@petd.com>]  
**Sent:** Tuesday, June 28, 2011 2:18 PM  
**To:** Axelson, John  
**Cc:** Adell K. Heneghan; Brandon S. Bruns; Brian Dodek  
**Subject:** Heldt 12-18 No Further Action Request

John:

Please find attached a Form 27 and supporting documentation for the subject site located in the SWNW Section 18 – T6N – R64W. A Form 19 was previously submitted on 2/12/2010 (Spill #1632793) and an initial Form 27 was submitted on 1/13/2011 (Remediation #5473).

The cause of this spill/release event was a subsurface leak in the partially buried steel produced water tank. Released fluids percolated vertically and intercepted a field drain tile beneath the tank battery. The outfall of this drain tile was located approx. 50 feet southwest of the battery and impacted an unnamed surface water feature which is a tributary of Lone Tree Creek. The well was immediately shut-in and absorbent booms deployed. Additionally, corrective action included the installation of a passive remediation system containing activated carbon which intercepted effluent fluids prior to the unnamed surface water feature. Surface water sampling was discontinued after five consecutive sampling events indicated non-detectable BTEX concentrations.

Approx. 440 cubic yards of impacted soil was excavated from two separate areas for offsite disposal. Lab results of confirmation samples indicated soil conditions in compliance with COGCC Table 910-1. Additionally, a total of 560 barrels of impacted groundwater was recovered for offsite disposal. A total of five (5) monitoring wells were installed.

Lab results indicate that BTEX concentrations in groundwater have been below reporting limits and in compliance with the Basic Standards for Groundwater for four consecutive quarters.

As a result, PDC is requesting No Further Action for this spill/release site.

Please call if any questions. Regards,



**Randall H. Ferguson**  
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