

**From:** [Steve Godfrey](#)  
**To:** [Delores Montoya](#)  
**Subject:** Fwd: HighPoint Resources Unplanned Sidetrack: Critter Creek 16-6005BW (05-123-47309)  
**Date:** Monday, January 7, 2019 2:08:32 PM

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**From:** Diana Burn - DNR <diana.burn@state.co.us>  
**Sent:** Friday, January 4, 2019 9:44:08 AM  
**To:** Steve Godfrey  
**Cc:** Dirk Sutphin - DNR; Penny Garrison - DNR; Laurel Faber - DNR  
**Subject:** RE: HighPoint Resources Unplanned Sidetrack: Critter Creek 16-6005BW (05-123-47309)

Please proceed as proposed. Please send the document # for the APD once it is uploaded to Laurel.

Thanks,  
Diana

**From:** Steve Godfrey <[sgodfrey@hpres.com](mailto:sgodfrey@hpres.com)>  
**Sent:** Thursday, January 3, 2019 12:35 PM  
**To:** [diana.burn@state.co](mailto:diana.burn@state.co)  
**Cc:** Sheila Singer <[ssinger@hpres.com](mailto:ssinger@hpres.com)>; Rachel Milne <[rmilne@hpres.com](mailto:rmilne@hpres.com)>; Delores Montoya <[dmontoya@hpres.com](mailto:dmontoya@hpres.com)>; Matthew Schwartz <[mschwartz@hpres.com](mailto:mschwartz@hpres.com)>; Steve Godfrey <[sgodfrey@hpres.com](mailto:sgodfrey@hpres.com)>; Troy Schindler <[tschindler@hpres.com](mailto:tschindler@hpres.com)>; Peggy Brawn <[pbrawn@hpres.com](mailto:pbrawn@hpres.com)>; Savanna 802 <[savanna802@hpres.com](mailto:savanna802@hpres.com)>; DJDrilling Super <[DJDrillingSuper@hpres.com](mailto:DJDrillingSuper@hpres.com)>  
**Subject:** HighPoint Resources Unplanned Sidetrack: Critter Creek 16-6005BW (05-123-47309)

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Ms. Burn;

Please see the summary below detailing our plans to sidetrack the Critter Creek 16-6005BW (API 05-123-47309). Please let us know if you need any additional information.

- After two separate attempts to run 7" intermediate casing we were unable to proceed past the Sharon Springs formation at 7676'MD (7241'TVD). Between casing runs an aggressive cleanout run was performed as well.
- As a result, we have made the decision to openhole sidetrack to avoid the section of sloughing wellbore.
- The total measured depth of the wellbore which we are abandoning is 8095' MD 8-3/4" hole size.
- The 9-5/8" surface casing string is set and cemented at 1531' MD with cement to surface.
- There will be a 400' cement plug pumped starting inside the 8-3/4" open hole from 6600' to 7000' MD. The estimated volume of cement (+ 20% excess) is 195 cubic ft.

- Cement slurry for plug: Class G, 17 ppg, 0.9912 cu ft./sack
  - The Sidetrack KOP is estimated to be 6900' MD.
  - The objective formation for the sidetrack hole is the Niobrara formation, which is the same objective formation as the wellbore being abandoned.
- The PBHL of the sidetrack hole is the same as the wellbore being abandoned.

The "Application for Permit to Drill a Sidetrack Wellbore, Form 2" will be submitted end of next business day as per COGCC guidelines.

Thanks,

Steve Godfrey  
Drilling Consultant  
High Point Resources  
303 748-3075