From:	Schlagenhauf - DNR, Mark
To:	Adam P. Conry
Cc:	diana.burn@state.co.us; Steve W. Trippett; John Sinesi; Mike W. Hamilton; Kelsi Welch; Halle Milne; Jeffrey M. Glossa; Erik Roach; Brian T. Murray; Rachel M. Debaillon; Brian Hoffman
Subject:	Re: Open hole sidetrack Becker Ranch 5E-223 API# 05-123-39073.
Date:	Thursday, June 11, 2015 8:27:05 AM

Adam,

Please proceed as proposed.

Mark Schlagenhauf P.E.
Northeastern Engineer

On Wed, Jun 10, 2015 at 6:58 PM, Adam P. Conry <Adam.Conry@pdce.com> wrote:

Mark, Diana,

Open hole sidetrack information below. Verbal approval received thank you. Regulatory will be working on the APD.

a. Well name and API - **Becker Ranch 5E-223 API# 05-123-39073.**

b. Explanation of situation and why you need to sidetrack – **Mud Motor twisted off resulting in fish in the lateral. Sidetracking to avoid fish and TD well.**

c. Total measured depth reached (also have TVD) **8344' MD, 6820' TVD**

d. Casing sizes set and measured depth **9-5/8" @ 913' MD/ 911' TVD, 7" @ 7223' MD/ 6850' TVD**

e. Description of fish-including top and bottom. **Directional mud motor and drill bit from 8278' MD to 8305' MD**

f. Type of cement you will be using including weight, yield, and sacks. **No cement open hole sidetrack.**

g. Measured depth and TVD of sidetrack point **7800' MD 6841' TVD**

h. Proposed target formation of sidetrack hole if different than permitted. **Same as permit.**

i. BHL of sidetrack hole. **Same as original plan.**

j. Wellbore diagram: **Attached.**

Regards,

Adam Conry | Drilling Engineer - Denver | PDC Energy | O: 303-860-5800 | C: 303-883-3351 | F: 303-860-5838

Adam.Conry@pdce.com

“To improve is to change, to be perfect is to change often.” *Winston Churchill*

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