

Ashley Noonan

From: Diana Burn - DNR <diana.burn@state.co.us>
Sent: Tuesday, December 4, 2018 1:15 PM
To: Joel Dill; Dirk Sutphin - DNR; Penny Garrison - DNR
Cc: Aubrey Noonan; Brian Dodek; Kate Miller; Adam Conry; Ashley Noonan
Subject: RE: Possible Sidetrack PRONGHORN 24-8-5XRLNB API#05-123-45068

Please proceed as proposed. Please provide the uploaded APD document # to Penny once it is uploaded.

Thanks,
Diana

From: Joel Dill [mailto:JDill@bonanzacrk.com]
Sent: Tuesday, December 04, 2018 10:36 AM
To: diana.burn@state.co.us; steve.jenkins@state.co.us
Cc: Aubrey Noonan; Brian Dodek; Kate Miller; Adam Conry; Ashley Noonan
Subject: RE: Possible Sidetrack PRONGHORN 24-8-5XRLNB API#05-123-45068

Hi Diana/Steve

I just want to give you a heads up on drilling of the PRONGHORN 24-8-5XRLNB API#05-123-45068. We had the bit box of the RSS tool with drill bit twist off downhole at 11,203'. We attempted to fish the tools overnight and were unable to retrieve. Per our conversation, we'd like to proceed with sidetracking the wellbore as follows:

- i. Explanation of the situation that has resulted in the need to sidetrack – **Bit box from RSS tool and PDC bit twisted off from drilling BHA. Unable to fish tools from wellbore.**
- ii. Total measured depth reached in the wellbore being plugged back – **11,203' MD**
- iii. Casing set – size(s) and measured depth(s) – **9-5/8" surface casing set at 1605' MD. No other casing set.**
- iv. Description of fish in the hole (if any) – including top and bottom measured depths **Fish is approximately 2 ft long, sitting from 11,203' to 11,201'.**
- v. Description of proposed plugs: setting measured depths, heights, and cement volumes – **No plugs will be set, open hole sidetrack.**
- vi. Type of cement to be used for all plugs, including slurry weight (ppg) and yield (cf/sk) – **No plugs will be set, open hole sidetrack.**
- vii. Measured depth of proposed sidetrack kick-off point – **Kick off point will be at +/-10,600' MD**
- viii. Proposed objective formation(s) for sidetrack hole – **same target formation, Niobrara B**
- ix. BHL target for sidetrack hole – **Same BHL target as original wellbore.**

We will submit a Sidetrack Form 2 within 24 hours. Please let us know if you have any questions.
Thanks!

Joel Dill, P.E.
Manager, Drilling and Completions
Bonanza Creek Energy, Inc. | 410 17th St. Ste 1400 | Denver Co. 80202
Office: 720.225.6648 | Cell: 720.633.5871 | jdill@bonanzacrk.com

