

Light, Cheryl

From: Diana Burn - DNR <diana.burn@state.co.us>
Sent: Tuesday, November 12, 2013 2:18 PM
To: Eiden, Tug
Cc: Light, Cheryl; Cocciolone, Ashley
Subject: RE: Anadarko Sidetrack: Pennington 28N-2HZ

Please proceed as proposed.

Thanks,
Diana

From: Eiden, Tug [mailto:Tug.Eiden@anadarko.com]
Sent: Tuesday, November 12, 2013 11:26 AM
To: diana.burn@state.co.us
Cc: Light, Cheryl; Cocciolone, Ashley
Subject: Anadarko Sidetrack: Pennington 28N-2HZ

Diana-

I am requesting approval for a sidetrack from the COGCC on an Anadarko well, the Pennington 28N-2HZ (API 05-123-37770), a Niobrara well. As requested, here's a breakdown of the events and proposed plan forward.

The situation: the lateral was drilled out of the intermediate casing unintentionally using a mis-programmed MWD; the tool was coded to drill 180 degrees opposite of what was planned. As a result, instead of drilling the lateral slightly downward as thought, the tool was drilling upward. The total lateral drilled was 529' before decision was made to stop drilling. No fish is in the hole.

Relevant Depths:

8 3/4" Hole Depth:	8112' MD
7" 26# Int. Csg Shoe:	7583' MD
9-5/8" 36# Surface Csg Shoe:	1031' MD

Plugback Plan

No cement will be utilized. An openhole sidetrack will be conducted.

Sidetrack

The sidetrack plan consists of sidetracking the original hole at 7,800' MD (utilizing 217' of original lateral) using a lowside exit and then drilling the lateral as originally intended in the Niobrara formation. No changes will be made to the BHL.

Please let me know if you need anything else. I appreciate your help with this.

Thanks,

Tug Eiden, PE
Drilling Engineer – GWA
Anadarko Petroleum

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