

Light, Cheryl

From: Eiden, Tug
Sent: Monday, October 28, 2013 12:15 PM
To: Light, Cheryl; Cocciolone, Ashley
Subject: FW: Anadarko Plugback/Sidetrack: Howard 25C-22HZ

Tug Eiden, PE
Drilling Engineer – GWA
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From: Diana Burn - DNR [<mailto:diana.burn@state.co.us>]
Sent: Monday, October 28, 2013 9:48 AM
To: Eiden, Tug
Subject: RE: Anadarko Plugback/Sidetrack: Howard 25C-22HZ

Please proceed as proposed.

Thanks,
Diana

From: Eiden, Tug [<mailto:Tug.Eiden@anadarko.com>]
Sent: Monday, October 28, 2013 9:23 AM
To: diana.burn@state.co.us
Cc: Kucera, Lauren; Light, Cheryl
Subject: Anadarko Plugback/Sidetrack: Howard 25C-22HZ

Diana-

As requested, here's a breakdown of the events and proposed plan forward for the Howard 25C-22HZ (API 05-123-38231), a Codell well:

The situation: Due to formation, there was a lack of build rates needed in order to land the well's curve in the desired location (Codell Formation). Multiple attempts were made to get the desired build rates, as well as using a more aggressive motor. No response. There is no fish in the hole.

Relevant Depths:

8 3/4" Hole Depth: 7933' MD
9-5/8" 36# Surface Csg Shoe: 1210' MD

Plugback Plan

Plan forward is to cement the curve from total MD (7933' MD) to 6993' MD, roughly just above the original kick-off point. A single cement plug will be used.

Cement Height: 1000'
Cement Density: 17.0 ppg

Cement Yield:	1.17 cf/sk
Volume (sacks):	335 sacks
Volume (bbls):	69.81 bbls

Sidetrack

The sidetrack plan consists of drilling cement to 7160' MD, then drilling the curve as originally planned to its original bottomhole location using new buildrates. The objective for the new wellbore will be the same as the original- no changes.

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

Thanks,

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