

Justin Gale

From: Diana Burn - DNR <diana.burn@state.co.us>
Sent: Thursday, August 9, 2018 9:50 AM
To: Justin Gale
Subject: RE: Helen Penrod 1 - D&A Re-Entry

We need to try and assure that you are below the water – so if you can get back down past the Fox Hills + transition zone (>1380'), you can start placing cement.

Thank you,
Diana

From: Justin Gale [mailto:jgale@confluencelp.com]
Sent: Thursday, August 09, 2018 9:26 AM
To: Diana Burn - DNR
Subject: Helen Penrod 1 - D&A Re-Entry

Diana:

Good morning. I would like to discuss the P&A procedure for the refence well. API: 05-001-06867.

We have cleanout to +/- 1,670 w/ a 6-3/4" tricone bit but are facing very high fluid loss in the range of 70 to 100 bbls per hour. This has made it very difficult clean out the cuttings we are getting from the clean out. We did trip back to surface from this depth and had several tight spots, nearly becoming stuck as we pulled from bottom to ~ 925'.

We are estimating the Bottom of the Fox Hills at 1310'. If we are able to wash back down to TD we would be able to start setting cement plugs ~ 300' deeper than the Fox Hills, and with a series of plugs (& tagging each to ensure they are place correctly) we could essentially pump ~ 1600' of cement. If we need to continue to clean out, we will have to devise a plan to help us control fluid loss and maintain adequate circulation.

What would you like to see?

Justin Gale