From: Jenifer Hakkarinen
To: Ryan A. Beam; Mike Schweizer; Bud Holman
Cc: Valerie Danson
Subject: Fw: [EXTERNAL] :Re: Procedure Change Request on the Hayes #1 Reentry Project
Date: Tuesday, June 16, 2020 7:58:33 PM

Approved!

From: Jenkins - DNR, Steve <steve.jenkins@state.co.us>
Sent: Tuesday, June 16, 2020 7:50 PM
To: Jenifer Hakkarinen <Jenifer.Hakkarinen@pdce.com>
Subject: [EXTERNAL] :Re: Procedure Change Request on the Hayes #1 Reentry Project

Jen:
You are approved as requested.
Steve

On Tue, Jun 16, 2020 at 6:45 PM Jenifer Hakkarinen <Jenifer.Hakkarinen@pdce.com> wrote:

> Hey Steve,
>
> While performing reentry procedures on the Hayes #1 API# 05-123-05178 we found very hard cement from 684' all the way down to 5895' inside 4 ½" casing that had no record of being in the hole. We drilled for 8 days to achieve this depth and drilling has stalled to an average of 25' per hour. On this bit trip we decided to log from 5895' to surface to ensure cement behind casing. The bond log (attached) shows very good cement bond from 5895' to surface. Due to these circumstances I would like to request a change in procedure.
>
> 1. Set 4 ½" Cast iron bridge plug @ 5895' w/ 2 sacks cement on top
> 2. Pressure test casing to 1000 psi for 15 min
> 3. Pump Sussex plug inside casing from 4440' to 3940' (40 sacks 15.8 PPG G neat) inside casing / no wait on tag since cement plugs are inside casing.
> 4. Pull up and pump Pierre plug inside casing from 1730'-1230' (40 sacks 15.8 PPG G neat) / no tag on this plug as well.
> 5. Pull up and pump surface plug from 911' to surface (100 sacks 15.8 PPG G neat) / This plug will be tagged.
>
> Let me know if you have any questions or concerns!

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Stephen C. Jenkins, P.E., C.P.E.S.C.

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