

Green, Doreen [Prodigy Staff Advsr]

From: Bishir, Chris
Sent: Tuesday, February 18, 2020 7:20 AM
To: Thomas, Jennifer; Gray, Cindy; Geno, Kristina; Green, Doreen [Prodigy Staff Advsr]
Subject: FW: [EXTERNAL] Re: Dunklee 1 (API; 05-069-06178)

From: Jacobson - DNR, Eric <eric.jacobson@state.co.us>
Sent: Friday, February 14, 2020 6:49 PM
To: Chris_Bishir@oxy.com
Subject: [EXTERNAL] Re: Dunklee 1 (API; 05-069-06178)

Chris

I am good with not tagging the plug. The 1st one provided a base to cement off of. Approved to proceed.

Eric

On Fri, Feb 14, 2020 at 5:12 PM <Chris_Bishir@oxy.com> wrote:

Eric,

Sorry to be emailing you on Friday night.

We pumped our lower Sussex plug from 4288'-3769' instead of 3910'-3510'. We pumped an additional plug on top of the first one to get up to the required 3510'.

1st plug -

We pumped 115 sxs of 2.41 yld from 4288'-3769', and tagged it with slickline to confirm. This calculated to approximately a 10" hole, using 0% excess.

2nd plug -

We pumped an additional 120 sxs of 2.41 yld cement from 3769'-3510'. This volume is calculated for a 10" hole, using 100% excess.

Would it be possible to not tag this second plug, since we tagged the first one at 3769' and pumped right on top of it?

The only reason I ask is they are using 4.5" drillpipe, and it is can be difficult to tag. They don't like to tag with the drillpipe because it is so heavy it can sink and plug up quite a bit before registering a tag. What they have been doing to tag is getting the drillpipe to within 1000' of the expected top, and then rigging up slickline to tag. They can't use only slickline, because it is not heavy enough to fall in the open hole very far. It can be a time consuming process.

This rig is working 24/7.

432.209.1371

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Eric Jacobson, PE
Engineer



[303-894-2100](tel:303-894-2100) (5265)

[1120 N Lincoln St Ste 801, Denver, CO 80203](mailto:eric.jacobson@denverpe.com)