

From: [McFarland - DNR, Nick](#)
To: [Renee Call](#)
Subject: EXTERNAL: Re: NBL Modified Procedure: Spike State GWS C24-4 (15789)
Date: Thursday, February 20, 2020 1:23:43 PM
Attachments: [image001.gif](#)

Yes, Renee, a CIBP with 2 sx on top at ~6675' and another CIBP w/ 2 sx at ~5000' is OK. After that, proceed with the remainder of the PA as detailed on the 6N.

On Thu, Feb 20, 2020 at 11:14 AM Renee Call <Renee.Call@nblenergy.com> wrote:

Hi Nick,

After cutting the tubing, we pulled tubing and discovered the tubing had not been cut fully and all tubing was recovered from the well (end of tubing cement plug quality likely resulted in failed MIT). I would like to place a CIBP 50' above Nio perfs instead of the end of tubing cement place. I would also like to place a CIBP above the tubing cut depth as we suspect the tubing cut may have impacted casing integrity at that depth.

Please let me know if approved to proceed.

Thanks,

Renee

From: McFarland - DNR, Nick <nick.mcfarland@state.co.us>
Sent: Tuesday, February 18, 2020 1:31 PM
To: Renee Call <Renee.Call@nblenergy.com>
Subject: EXTERNAL: Re: NBL Modified Procedure: Spike State GWS C24-4 (15789)

Renee,

Apologies for not clarifying on the phone. Given that the backside TOC is at ~5817', it is presumably open on the backside at 5060'. After cutting tubing, assuming the Nio plug doesn't test again, I'd want to have a wellbore to wellbore seal at 5060', shooting perfs in the casing and pumping a balanced plug inside and out.

On Tue, Feb 18, 2020 at 1:23 PM Renee Call <Renee.Call@nblenergy.com> wrote:

Hi Nick,

As discussed, we tagged at 5062' when RIH to cut tubing on this well. We will plan to cut as deep as possible ~5060' and pull tubing. We'll repeat the pressure test on the Nio plug and set a CIBP above the tubing cut if the pressure test on end of tubing plug fails. Please confirm if approved to proceed.

Thanks,

Renee Call, P.E.

Production Engineer

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