

**From:** Sutphin - DNR, Dirk <dirk.sutphin@state.co.us>  
**Sent:** Monday, April 8, 2019 12:50 PM  
**To:** sb@s-companies.com  
**Cc:** Ryan Warner; Warner Jim; Nwarner105@yahoo.com; ross.magpieoil@gmail.com  
**Subject:** Re: 05-05621 Warnecke P&A  
**Attachments:** image003.jpg

If you are not going to pull casing then you can perf & squeeze. I'm going to change the depth of the 2500' plug though. Here are your revised plugging orders.

1. Set CIBP + 2 sks cement at 4910'.
2. Perf & squeeze 100 sks at 1000', (instead of 2500'). This is based on water well depths and base of aquifer from offset logs.
3. Perf & squeeze at 100 sks at 185'. Tag plug 50' above surface casing shoe, (if cement does not circulate to surface in the annulus).
4. Top up casing and annulus from 50' to surface.

Thanks,

Dirk Sutphin, PE

East Region Engineer



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On Mon, Apr 8, 2019 at 11:29 AM <[sb@s-companies.com](mailto:sb@s-companies.com)> wrote:

Dirk ,

This is a follow-up to the voicemail I just left you. We are thinking of moving on this later this week if schedules work out. I wanted to discuss the below questions with you:

1. Is it an option to not cut and pull and just perf and cement the 100 sx at 2,550 with leaving half the cement in the pipe and circulating half out the pipe?
  - a. In this case we would do the same with the shoe plug at 185'

I hope you are having a good day Dirk... hopefully this storm coming is not to bad.

Thanks,

**Sam Bradley**

**VP Petroleum Engineering**

**Summit Companies**

*Summit Financial*

*Summit Energy Research*

*Schneider Summit Services*

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