



045-20831

Krabacher, Jay

**To:** Schmidt, Andrew  
**Cc:** Trahan, Kristin; Davis, Gregory; Foster, Nicole; Tannehill, Julie; Burt, Samuel; King, Kevin; Andrews, David  
**Subject:** RE: Low TOC Notifications: SG 332-23



Andrew:

Your plan is acceptable. Please proceed. Note the COGCC "emphasis," below:

The cement coverage (from the CBL you sent separately) appears good (if it weren't for the MVRD top being at about the T O C).

*I definitely want to emphasize your plan to "closely observe the returns tank (from the open bradenhead hard line) ... If an increase is seen, we will shut down" (the) "current frac operation."*

Yes, definitely - and notify the COGCC if this occurs.

Regards,

Jay Krabacher

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**From:** Schmidt, Andrew [mailto:Andrew.Schmidt@wpenergy.com]  
**Sent:** Tuesday, April 17, 2012 9:22 AM  
**To:** Krabacher, Jay; King, Kevin  
**Cc:** Trahan, Kristin; Davis, Gregory; Foster, Nicole; Tannehill, Julie; Burt, Samuel  
**Subject:** Low TOC Notifications: SG 332-23

Jay,

We have a low cement top in the South Grand Valley field. Details are listed below. This email is to inform you that:

- This is a new well and initial completion operations are scheduled to begin April 21, 2012.
- Cement top does cover the geologist's pick for Mesa Verde top
- Cement top does cover the geologist's pick for top of gas
- Cement top does cover all the zones we have an interest in completing.
- We have significant cement coverage from the top perforation to top of Mesa Verde.
- Bradenhead pressure has been observed, as per previous emails sent by Kristin Trahan. We have been venting via a hard line to a tank with approval from you. Daily one hour buildups are still showing approximately 100 psi which is then subsequently vented. Pump times for this well range from 44-58 minutes.

I'd like to ask approval on the following items:

- **Due to the low TOC not meeting COGCC, I'd like to ask for approval to move forward with completion operations. Again, we have significant cement coverage up to the Mesa Verde, just not 200' above it.**
- **Due to the continued bradenhead buildup, I'd like to request approval to frac this well with the bradenhead open. As we already have a hard line in place to vent the bradenhead, we will closely observe the returns tank during the frac operations for any increase in returns. If an increase is seen, we will shut down our current frac operation.**

Sec	Twn	Rng	Well	API	CBL TOC	Top of MVRD	Short*	Top of Gas	Top Perf	Cmt over Perf	Bradenhead Press Before Completion
23	7	96	SG 332-23	05-045-20831	3,100	3,113	-187	4,462	4,728	1,628	0-150 psi**

\*Note: I'm assuming 200' above MVRD for cement coverage

\*\* Currently venting via hard line to tank (with approval). Daily one-hr buildups are performed giving about 100 psi in an hr which is subsequently bled off

I will send a copy of the CBL in a subsequent email. However, if you are unable to receive this relatively large attachment, please download it from our ftp site.

FTP site details:

<ftp://ftp.williams.com>

The username is: valley4

Password is batcave44

The file you need is located in the following folder: /local/ftp/Denver/Valley/4/SG 332-23

**Please advise if this plan is acceptable.**

Thanks  
Andrew

**Please note my email address has changed as of January 1st, 2012 to: [andrew.schmidt@wpxenergy.com](mailto:andrew.schmidt@wpxenergy.com)**

**Andrew Schmidt**

Senior Completions Engineer

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