



STATE OF  
COLORADO

Andrews - DNR, David <david.andrews@state.co.us>



## FW: SG 411-27 (05-045-221280000)-Low TOC notification

Andrews - DNR, David <david.andrews@state.co.us>  
To: "Schant, Jennifer" <Jennifer.Schant@wpenergy.com>  
Cc: Jay Krabacher <jay.krabacher@state.co.us>

Wed, Feb 12, 2014 at 1:35 PM

Jennifer,

It looks like you may have some cement stringers as high as about 2310' on the 02/03/2014 CBL. Please proceed with stimulation and continue to monitor bradenhead pressure. This location is outside of the Bradenhead Test Area, where our typical Piceance Basin mitigation/remediation pressure threshold would be 0.683 psi/ft \* surface casing shoe TVD (if annulus is full of fluid), per a prior agreement with WPX. If pressure exceeds the threshold, then please notify me.

Thanks,

David D. Andrews, P.E., P.G.  
Engineering Supervisor - Western Colorado

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Oil and Gas Conservation Commission  
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**CC: COGCC Well File, API No. 05-045-22128**

On Wed, Feb 12, 2014 at 11:12 AM, Schant, Jennifer <Jennifer.Schant@wpenergy.com> wrote:

Hi David,

I received an email from Jay saying he was on vacation. I was wondering if you could take a look at this?

Thank you,

Jennifer Schant

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**From:** Schant, Jennifer  
**Sent:** Wednesday, February 12, 2014 11:09 AM  
**To:** 'Krabacher - DNR, Jay'  
**Subject:** SG 411-27 (05-045-221280000)-Low TOC notification

Hi Jay,

This email is to notify you that the SG 411-27 on the SG 21-27 pad has a low top of cement. Details of this well include:

SG 411-27 (05-045-221280000)- MV Well

- This well is a new drill
- Top of Cement- 3076'
- This well **does not** cover 200' above the top of the Mesa Verde (Geology pick: 2838')
- This well **does** cover the top of gas (Geology pick: 4387') by 1311'
- Bradenhead is 0 psi
- The planned top perf depth is 4340'

The well is scheduled to frac on 2/24/2014. Please advise.

***Jennifer Schrant***

EDP Engineer I-

Piceance Completions

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