



**Andrews, David**

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**From:** Andrews, David  
**Sent:** Monday, November 08, 2010 12:22 PM  
**To:** 'Martinez, Victoria'  
**Cc:** Caplis, Chris  
**Subject:** RE: SG 331-33 and SG 444-28 Low Top of Cement Notification

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Victoria,

Your forward plan is acceptable. Please proceed.

Thanks,

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

**State of Colorado**  
**Oil and Gas Conservation Commission**  
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**From:** Martinez, Victoria [<mailto:Victoria.Martinez@Williams.com>]  
**Sent:** Monday, November 08, 2010 11:19 AM  
**To:** Andrews, David  
**Cc:** Caplis, Chris  
**Subject:** SG 331-33 and SG 444-28 Low Top of Cement Notification

Mr. Andrews -

We have two wells in a completion group that have low TOC or "good bond" the SG 331-33 and SG 444-28.

Location: S33, T7S, R96W  
**Well:** **SG 331-33**  
API: 05045191810000  
CBL TOC (good bond): 2400'  
MVRD Top: 2490'  
Top Perf: 4010'  
Bradenhead Pressure: 0 psi  
Geologist pick for top of gas 3982'

Location: S28, T7S, R96W  
**Well:** **SG 444-28**  
API: 05045192010000  
CBL TOC (good bond): 2330'  
MVRD Top: 2194'  
Top Perf: 3787'  
Bradenhead Pressure: 0 psi  
Geologist pick for top of gas 3587'

This email is to inform you that:

- these wells are a new drill and initial completion operations have begun
- cement top on the production casing did not cover the geologist's pick for Mesa Verde top
- cement top did cover the geologist's pick for top of gas (KMVGAS)
- cement top did cover all zones that we have an interest in completing

Surface casing pressure (if any exists) will be bled off. At present, our completion plan with regard to the low TOC is to:

- Re-confirm 0 psi on bradenhead pressure before initiating fracs.
- Monitor surface casing pressure during completion process (pressure gauge during frac job, documenting pressure before and after the frac).
- Proceed with the completion as planned
- Continue to bleed pressure down (if any exists) and shut in surface casing to determine if pressure continues to build up. If so, repeat this process as necessary.
- Check surface casing pressure 90 days after completion operations are finished.
- If pressure persists after these efforts, we will contact you to discuss options.

At this time, we do not plan to remediate unless we see pressure continue to build up on the surface casing and we have discussed remediation needs with you. Please advise:

- is this plan is acceptable?
- are there other monitoring efforts we should pursue

**Victoria Martinez**

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