



**Andrews, David**

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**From:** Andrews, David  
**Sent:** Wednesday, December 22, 2010 4:40 PM  
**To:** 'Putnam, Jason'  
**Cc:** Conger, Jeremy; Davis, Gregory; Harris, Howard; Todd, Tyler; Franzone, Tony; Tischler, Alf; Beougher, Justin  
**Subject:** RE: Low TOC : RU 333-6 (05-045-18174)

Jason,

Your 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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Website: <http://www.colorado.gov/cogcc>

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**From:** Putnam, Jason [<mailto:Jason.Putnam@Williams.com>]  
**Sent:** Wednesday, December 22, 2010 2:17 PM  
**To:** Andrews, David  
**Cc:** Conger, Jeremy; Davis, Gregory; Harris, Howard; Todd, Tyler; Franzone, Tony; Tischler, Alf; Beougher, Justin  
**Subject:** Low TOC : RU 333-6 (05-045-18174)

Mr. Andrews,

We have a low cement top on a well in the Rulison field. The cement top was chosen at 6094' (please see attached CBL). Details are listed below. This email is to inform you that:

- This is a new drill and we plan to initiate completion operations the week of Jan. 3rd.

- Cement top on the production casing **did not** cover the geologist's pick for Mesa Verde top.
- Cement top **did** cover all zones that we have an interest in completing.

Our completion plan with regard to low TOC is to:

- Keep completion zones below TOC.
- Monitor surface casing pressure during entire process.

SEC	TWN	RNG	WELL	API	CBL TOC	TOP OF MVRD	SHORT	TOP PERF	CMT OVER TOP PERF	BRADENHEAD PRESS. BEFORE COMPLETION	
6	7S	93W	RU 333-6	05-045-18174-0000	6094	6039	-55	7654	1560	0 psi (12/20/2010)	

Please advise if this plan is acceptable.

Sincerely,

**Jason Putnam**

Completions Engineer

Piceance Asset

Williams Production RMT Co.

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