



02054317

045-17903

**Andrews, David**

**From:** Andrews, David  
**Sent:** Monday, April 19, 2010 1:32 PM  
**To:** 'Putnam, Jason'  
**Cc:** Foreman, Jay; Harris, Steven; Brady, Scott (Lowell); Davis, Gregory; Harris, Howard; Yokley, Joe; Tischler, Alf; Saunders, Dan; Dickerson, Kestrel; Tannehill, Julie  
**Subject:** RE: Low TOC : Rulison

Jason,

Your plan is acceptable. Please proceed.

Thanks,

Dave

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**From:** Putnam, Jason [mailto:Jason.Putnam@Williams.com]

**Sent:** Monday, April 19, 2010 10:53 AM

**To:** Andrews, David

**Cc:** Foreman, Jay; Harris, Steven; Brady, Scott (Lowell); Davis, Gregory; Harris, Howard; Yokley, Joe; Tischler, Alf; Saunders, Dan; Dickerson, Kestrel; Tannehill, Julie

**Subject:** RE: Low TOC : Rulison

David,

Both these wells have 0 psi on the bradenhead. I cleaned up the table below with that data and also the correct well names, the RWF 511-24 and the RWF 311-24.

The FTP site has also been corrected. The CBL's are in the RWF 511-24 folder and the RWF 311-24 folders.

Let me know if you have any further questions or concerns.

**Jason Putnam**

Completions Engineer

Piceance Valley

Williams Production RMT Co.

cell: 303-319-2280

office: 303-260-4527

**From:** Andrews, David [mailto:David.Andrews@state.co.us]

**Sent:** Monday, April 19, 2010 10:05 AM

**To:** Tannehill, Julie; Putnam, Jason

**Cc:** Foreman, Jay; Harris, Steven; Brady, Scott (Lowell); Davis, Gregory; Harris, Howard; Yokley, Joe; Tischler, Alf

**Subject:** RE: Low TOC : Rulison

Jason,

It appears that Julie is out through 4/20. Please reply with the bradenhead pressures for these wells or fill in the blanks on the table below. If you would rather re-submit the email, then the table is showing the wrong well numbers ("-18" should be replaced with "-24" for both wells in the Well column). I was able to log into the FTP site, but I'm not sure where to go from there. Please reply with the appropriate FTP directory paths and file names for the CBL's.

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>

**From:** Tannehill, Julie [mailto:Julie.Tannehill@Williams.com]

**Sent:** Friday, April 16, 2010 8:07 AM

**To:** Andrews, David

**Cc:** Foreman, Jay; Harris, Steven; Brady, Scott (Lowell); Davis, Gregory; Harris, Howard; Yokley, Joe; Tischler, Alf

**Subject:** Low TOC : Rulison

Mr. Andrews,

We have a low cement tops on two wells in the Rulison field. The wells are the RWVF 511-24 (05045179030000) and the RWVF 311-24 (05045179040000) Details are listed below. This email is to inform you that:

- These are new drills and initial completion operations will begin the week of April 19th.

- 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.

Our completion plan with regard to low TOC is to:

- Bleed down Bradenhead pressure until non-existent ('I'll have that data later today)
- Begin Completion Operations and frac to the MV4 stage on both wells and then shut down to cement squeeze.
- Perform Cement Squeeze Operation and attempt to get a new TOC to MVRD
- Monitor surface casing pressure during entire process.

SEC	TWN	RNG	WELL	API	CBL TOC	TOP OF MVRD	SHORT	TOP PERF	MV4 Top Perf	CMT OVER TOP PERF	BRADENHEAD PRESS. BEFORE COMPLETION
24	6S	94W	RWF 311-24	05-045-17904-0000	5460	4771	-989	6321	7008	-861	0 psi
24	6S	94W	RWF 511-24	05-045-17903-0000	5050	5050	-288	6541	6981	-1491	0 psi

\*\*Note: Assuming 200' above MVRD for cement coverage.

I have attached the completion procedures for both wells and I have posted the PDF CBL's to our FTP site. Please advise if this plan is acceptable.

Website: <ftp.williams.com>  
 Username: valley2  
 Password: batcave23

Regards,

Julie Tannehill  
 Completions Engineer  
 Williams RMT  
 Piceance Valley Team  
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Office: 303.606.4295  
Cell: 720.375.2192