



02054472

**Andrews, David**

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**From:** Andrews, David  
**Sent:** Wednesday, August 11, 2010 10:33 AM  
**To:** 'Caplis, Chris'  
**Cc:** Conger, Jeremy; Harris, Howard; Ellsworth, Stuart; King, Kevin; Krabacher, Jay  
**Subject:** RE: SP 522-14 casing leak

Chris,

The pressure chart shows a 5% pressure loss in 15 minutes (360 psi, starting at 7011 psi). Your monitoring plan shown below is acceptable. I understand that Williams would shut down stimulation operations and notify COGCC if the bradenhead pressure reaches 200 psi.

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:** Caplis, Chris [mailto:[Chris.Caplis@Williams.com](mailto:Chris.Caplis@Williams.com)]  
**Sent:** Wednesday, August 11, 2010 8:14 AM  
**To:** Caplis, Chris; Andrews, David  
**Cc:** Conger, Jeremy; Harris, Howard  
**Subject:** RE: SP 522-14 casing leak

With pressure test chart...

**Chris Caplis**  
Completions Engineer  
Williams Production Co.  
Ofc: 303-606-4041  
Cell: 303-601-4884  
[chris.caplis@williams.com](mailto:chris.caplis@williams.com)

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**From:** Caplis, Chris  
**Sent:** Wednesday, August 11, 2010 8:13 AM  
**To:** 'Andrews, David'  
**Cc:** Conger, Jeremy; Harris, Howard  
**Subject:** SP 522-14 casing leak

Mr. Andrews,

This email is to follow up on my original notice and your response from 8/2/2010. We isolated the casing leak to several leaky casing collars from surface to just above TOC (3,720' TMD) Below is a summary from our completion consultant on location working to remedy the casing leak on the SP 522-14. We successfully replaced ~800' of 4 ½" 11.6# I-80 production casing. This was as deep as we felt comfortable since our surface casing was set at 1,130' TMD and we did not want to start backing-off casing in OH.

"We finally got tied back into casing tonight. Our pressure test shows that we have nearly cut the leakoff amount in half (360 PSI/15min), since the original test (641 psi/15 min). As we stand right now, the frac tree is in place and we are ready to go forward with completions, however, the rig is still in the air until we have approval to do so."

We feel the sand in our frac fluid will aid in sealing off the minimal pressure loss during a frac job. Also, we have received the OK to move forward with operations from the BLM with the COA we must monitor bradenhead pressure on the SP 522-14 and the 3 surrounding wells. I am requesting your verbal approval to move ahead with completion operations with the understanding we will submit the NOI as originally requested summarizing operations to this point.

Regards,

**Chris Caplis**  
Completions Engineer  
Williams Production Co.  
Ofc: 303-606-4041  
Cell: 303-601-4884  
chris.caplis@williams.com

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**From:** Andrews, David [mailto:David.Andrews@state.co.us]  
**Sent:** Tuesday, August 03, 2010 8:43 AM  
**To:** Caplis, Chris  
**Cc:** Conger, Jeremy; Harris, Howard  
**Subject:** RE: **SP 522-14 bradenhead pressure**, SP 522-14 casing leak, **DA 512-10-700**

Chris,

I saved copies of the logs referenced below for COGCC's well files. My responses are shown in ***bold italics*** in your email below.

Thanks,

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

**State of Colorado**  
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**From:** Caplis, Chris [mailto:Chris.Caplis@Williams.com]  
**Sent:** Monday, August 02, 2010 5:02 PM

- **SP 522-14 – API#: 05-045-18824** - Below is a summary of the events which have taken place on the SP 522-14:

1. 7/30/2010 - Pressure tested the casing on SP 522-14 and found a 455 psi loss in 15 minutes. Performed a second pressure test and lost 641 psi in 15 min.
2. 7/31/2010 - Set CIBP above the float collar (~8,266') and pressure tested. Test failed. Leak off was 707 psi in 15 minutes.
3. 8/2/2010 - MIRU workover rig. Run in hole with packer and tubing and isolate the leak.

We are about to begin pressure testing to determine exactly where the leak is located. I've posted a copy of the CBL, casing pressure tests and completion procedure on our FTP site. These files are located under the SP 522-14 folder.

***COGCC Response for SP 522-14: After the leak is isolated, please submit a Form 4 (notice of intent) with your proposed casing repair procedures (required by Rule 317.d.).***