



**Andrews, David**

**From:** Andrews, David  
**Sent:** Tuesday, November 30, 2010 11:20 AM  
**To:** 'Soehner, Gage A.'; King, Kevin  
**Cc:** Spector, DeAnne M.; McGilvery, Ryan; Pfister, Miracle  
**Subject:** RE: Twin Creek 1-9C1 (O1EB) Production Casing Temperature Log (API# 05-045-19511)

Gage,

You are approved to delay the CBL on Twin Creek 1-9C1 (O1EB). Please reply with corrections to two inconsistencies in your email below regarding well numbers (i.e., 12-2A1 vs. 12-2D1 and 1-9C1 vs. 1-9A1).

Thanks,

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

**State of Colorado**  
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*UPON FURTHER REVIEW, NO  
INCONSISTENCIES NOTED. FIVE  
DIFFERENT WELLS ARE  
SHOWN BELOW.*

*D.A.*

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**From:** Soehner, Gage A. [<mailto:Gage.Soehner@encana.com>]  
**Sent:** Wednesday, November 24, 2010 4:29 PM  
**To:** Andrews, David; King, Kevin  
**Cc:** Spector, DeAnne M.; McGilvery, Ryan; Pfister, Miracle  
**Subject:** Twin Creek 1-9C1 (O1EB) Production Casing Temperature Log (API# 05-045-19511)

Kevin,

Attached is the temperature log run in place of the 12 to 48 hour CBL on the Twin Creek 1-9C1 well drilled by Nabors M15. This is the ninth of fifteen production holes to be drilled on the pad after the completion of the surface casing batch set operation.

The production casing was cemented on 11/16/10 with the plug bumping at 4:15 PM on 11/16/10. This was a two-stage cement operation with the stage tool set at 3362 ' MD. Both stages had full circulation and were successful. The second stage brought 60 bbls of cement to surface.

TOG on this well was 4,191' MD. Designed TOC was 639 ' & the TOC according to the temp log is 660' MD.

Bradenhead pressure on this well is as follows:

6 hrs	0 psi
12 hrs	0 psi
24 hrs	95 psi
72 hrs	100 psi

Today, this brings the total count to three for wells with bradenhead pressure on the O1EB pad:

Twin Creek 1-10C1    50psi    Continuous bleed down to flare    045-19549

Twin Creek 12-2A1 30 psi No bleed down 045-19548  
TwinCreek 1-9C1 95 psi No bleed down 045-19511

As you may notice, the Twin Creek 12-2D1 and the Twin Creek have 1-9A1 have gone to zero and not built pressure up again. We will continue to monitor bradenhead pressure hourly, bleeding off as necessary to keep under 150 psi until the CBL's are run after the rig has moved off of the pad.

Thanks,

Gage Soehner  
**Encana Oil & Gas**  
Drilling Engineer  
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720.951.0732 Cell

045-19527

045-19543

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