



**Andrews, David**

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**From:** Andrews, David  
**Sent:** Tuesday, October 12, 2010 3:49 PM  
**To:** 'Schneider, Gregory P.'; Abell, Matt; Ayala, Marina; Beam, Kristin M.; Britton, Erin E.; King, Kevin; McGilvery, Ryan; Mitchell, Heather R.; Morss, Ruth Ann; Poppenhagen, Kelli L.  
**Subject:** RE: Twin Creek 12-2D2 (O1EB) 6 hour temperature log  
**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Greg,

This request to delay CBL is approved. You suggest a TOC of 580', but the temperature gradient change is not apparent to me until at least 1390'.

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:** Schneider, Gregory P. [<mailto:Gregory.Schneider@encana.com>]  
**Sent:** Tuesday, October 12, 2010 10:16 AM  
**To:** Abell, Matt; Ayala, Marina; Beam, Kristin M.; Britton, Erin E.; Andrews, David; King, Kevin; McGilvery, Ryan; Mitchell, Heather R.; Morss, Ruth Ann; Poppenhagen, Kelli L.  
**Subject:** Twin Creek 12-2D2 (O1EB) 6 hour temperature log

David,

Attached is the 6 hour temp log run in lieu of the 12 to 48 hr CBL on the Twin Creek 12-2D2 (O1EB) well drilled by Nabors M15. This is the 2nd of 15 production holes to be drilled on this pad.

The production casing was cemented on 9/27/10 with the plug bumped at 4:15 PM. Good returns were observed throughout the cementing operation and final differential pressure was as expected.

Planned top of lead was 664' with planned top of tail to 4,260'. Prognosed top of gas was 4,260'. The temp log indicates TOC is approximately at 580'.

Bradenhead pressure on this well for the 6, 12, 24, 48 and 72 hour readings were zero and have remained zero since.

Bradenhead pressure is being recorded daily for the following wells already drilled.

1. Twin Creek 1-10C2- remains 0 psi.

We will continue to monitor bradenhead pressure daily until the CBL's are run after the rig has moved off the pad.

Thank you,

Greg

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**From:** Borchardt, Erik  
**Sent:** Wednesday, September 29, 2010 8:39 AM  
**To:** Abell, Matt; Britton, Erin E.; Matt Hudson; Schneider, Gregory P.  
**Subject:** Twin Creek 12-2D2 (O1EB) 6 hour temperature log

Attached is the 6 hour temperature log from Twin Creek 12-2D2 (O1EB).

Logger's depth: 6069 feet  
Casing set at: 6145 feet  
Difference: 49 feet

Please let me know if you have any questions with the data.

regards,

Erik

**Schlumberger**

Erik Borchardt  
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