

STATE OF  
COLORADO

her - DNR, Jay &lt;jay.krabacher@state.co.us&gt;

**RECEIVED**

MAR 17 2014

COGCC/Rifle Office

**Re: Request For CBL Deferment - Frei A12 - 05-045-19949**

1 message

**Krabacher - DNR, Jay** <jay.krabacher@state.co.us>

Mon, Mar 17, 2014 at 12:20 PM

To: Hans Wychgram &lt;hwychgram@ursaresources.com&gt;

Cc: Shauna DeMattee &lt;SDeMattee@ursaresources.com&gt;, Crissy Venturo &lt;cventuro@ursaresources.com&gt;, Matt Honeycutt &lt;mhoneycutt@ursaresources.com&gt;, "Andrews, David" &lt;David.Andrews@state.co.us&gt;, Craig Burger - DNR &lt;craig.burger@state.co.us&gt;

Crissy, Hans:

Ursa can defer the CBL on this well.

Jay Krabacher

On Fri, Mar 14, 2014 at 12:39 PM, Hans Wychgram &lt;hwychgram@ursaresources.com&gt; wrote:

Jay,

I wanted to address your concerns directly. This area around the Frei A pad has been plagued with bradenhead pressure issues. We pumped 40% excess on cement and appear to have a good TOC, but the pressure still appears. In my opinion the gas is coming from some shallow source, well above any gas formations that will be produced.

We are bleeding the annulus to keep pressure below 150 psi, per email communication with David Andrews yesterday.

Regards the bubbling from the conductor. The bubbling has completely stopped and has not been observed since the drilling rig has been on location.

Please let me know if I can help with any other information.

Thanks,

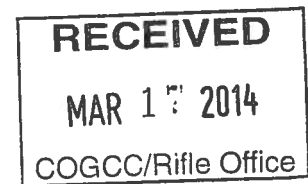
Hans Wychgram

Drilling Manager

Ursa Operating Company

720-508-8356 office

303-884-9079 cell



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**From:** Krabacher - DNR, Jay <jay.krabacher@state.co.us>

**Sent:** Friday, March 14, 2014 11:45 AM

**To:** Crissy Venturo

**Cc:** Shauna DeMattee; Andrews, David; Craig Burger - DNR

**Subject:** Re: Request For CBL Deferment - Frei A12 - 05-045-19949

Crissy:

First of all, the information (and temp log) you've provided is sufficient for future CBL requests.

However, in this particular case, before the CBL deferment is granted, I have a question or two. Has Ursa done any investigation as to the source or cause of the high braden-head-pressure? I also pulled up an inspection report -- the most recent one on file (Jan 31 2014) which noted that "gas observed bubbling in water between conductor and surface casing ...operator is reported planning remedial action."

Has any remedial plan been decided upon? I presume that Ursa still has to bleed off the BHP to keep it below 150 psi.

Regards,

Jay Krabacher

On Fri, Mar 14, 2014 at 10:38 AM, Crissy Venturo <cventuro@ursaresources.com> wrote:

Jay,

Ursa Operating Company, LLC is requesting a CBL deferment on the Frei A12 described below. A temperature survey was run following cementing the 4-1/2" production casing on the subject

well and is attached.

Pad: Frei A  
Well: Frei A12  
API No.: 05-045-19949  
Permit No.: 400473553



Location: Lot 10, Section 7, T6S, R91W of the 6<sup>th</sup> PM  
Surface Casing: 8-5/8" set and @ 1043' with 295 sacks  
Production Casing: 4-1/2" set and cemented @ 7061' with 1025 sacks  
Date Cemented: 3/10/14  
TOC from survey: 2400'  
Top of Gas: 4374'  
Temp Survey Run date: 3/10/14  
Volume to fill annular: 0.2 Bbls  
72 hour Bradenhead Pressure Monitoring Results: 220 psig  
Updated Bradenhead Pressure, if changed from 72 hour reading: 150 psig (pressure will be bled to maintain pressure below 150 psi)

\*Please note since BHP was observed over 150 psi Ursa received permission from David Andrews to continue monitoring the BHP and keep pressure bled below 150 psi.

### Bradenhead Monitoring

Duration	BHP	Time	Date	Annular Fluid Bbls
6 hours	0	19:30	3/10/14	0.2
12 hours	0	1:30	3/11/14	0
24 hours	100	13:30	3/11/14	0
48 hours	120	13:30	3/12/14	0
72 hours	220*	13:30	3/13/14	0

Please let me know if I need to include anyone else on requests for CBL deferment since Kevin is gone.