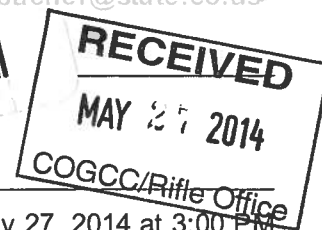


STATE OF  
COLORADO

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

**Re: FW: G29 02B-32 API# 0504511656**

1 message

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

Tue, May 27, 2014 at 3:00 PM

To: "Steinke, Mitch" &lt;Mitchell.Steinke@encana.com&gt;

Cc: "Wilkinson, Barry J." &lt;Barry.Wilkinson@encana.com&gt;, "Barberio, Justin T." &lt;Justin.Barberio@encana.com&gt;, "Henline, Amy C." &lt;Amy.Henline@encana.com&gt;

Mitch:

Looks good. Please proceed. After the work is done, submit a Form 4 (Sundry) with the work details.

Regards,

Jay Krabacher

On Tue, May 27, 2014 at 2:47 PM, Steinke, Mitch &lt;Mitchell.Steinke@encana.com&gt; wrote:

Jay,

Here is the squeeze procedure we are proposing for the NP EF 02B-32 casing repair. We have isolated hole(s) in the production casing from 3067'-3100'. Surface casing shoe is @ 2522' and TOC is 2335'.

- 1) Set tension packer @ 2500'
- 2) Confirm injection rate with HES pump truck.
- 3) Pump 5 bbls FW followed by 35 sx Class G @ 1.15 ft<sup>3</sup>/sx = 40.25 ft<sup>3</sup> or 7.16 bbls slurry
- 4) Displace with 10 bbls to clear packer, continue to displace with 2 bbls and begin staging cement into holes. Maximum displacement volume 16.75 bbls. Total tbg & casing volume to top hole (3067') 18.46 bbls.
- 5) Stage 15 minute increments to 1500. DO NOT EXCEED MAX DISPLACEMENT OF 16.75 bbls.
- 6) If 1500 psi squeeze achieved release pressure and observe for flowback. If no flowback release packer & POOH. If flow is observed SI well, repressure to 1500 psi and WOC.

**From:** Wilkinson, Barry J.**Sent:** Tuesday, May 27, 2014 12:29 PM**To:** Steinke, Mitch**Cc:** Barberio, Justin T.**Subject:** Re: G29 02B-32 Casing

Thanks Mitch - I'm in the field can you put this in an email to Jay Krabacher?

**From:** Steinke, Mitch  
**Sent:** Tuesday, May 27, 2014 11:27 AM  
**To:** Wilkinson, Barry J.  
**Cc:** Barberio, Justin T.  
**Subject:** RE: G29 02B-32 Casing



Wayne has isolated leaks from 3067'-3100' with an injection rate .43 bbls/min @ 1200 psi with 10 bbls produced water. I suggest the following:

- 1) Set tension packer @ 2500'
- 2) Confirm injection rate with HES pump truck.
- 3) Pump 5 bbls FW followed by 35 sx Class G @ 1.15 ft<sup>3</sup>/sx =40.25 ft<sup>3</sup> or 7.16 bbls slurry
- 4) Displace with 10 bbls to clear packer, continue to displace with 2 bbls and begin staging cement into holes. Maximum displacement volume 16.75 bbls. Total tbg & casing volume to top hole (3067') 18.46 bbls.
- 5) Stage 15 minute increments to 1500. DO NOT EXCEED MAX DISPLACEMENT OF 16.75 bbls.
- 6) If 1500 psi squeeze achieved release pressure and observe for flowback. If no flowback release packer & POOH. If flow is observed SI well, repressure to 1500 psi and WOC.

**From:** Andrews - DNR, David [mailto:david.andrews@state.co.us]  
**Sent:** Tuesday, May 27, 2014 10:35 AM  
**To:** Wilkinson, Barry J.  
**Cc:** Steinke, Mitch; Barberio, Justin T.; Jay Krabacher  
**Subject:** Re: G29 02B-32 Casing

Barry,

Now that our northwest area has been reorganized for a few months (you can download an engineering Areas of Responsibility map from our website), I would like you to start directing casing repair requests to Jay Krabacher for your North Piceance operations area. Please proceed with hole hunting on this well, then get back with Jay on your procedure when you have the holes isolated.

Thanks,

Dave



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



**COLORADO**  
Oil & Gas Conservation  
Commission  
Department of Natural Resources

P 970.625.2497 x1 | F 970.625.5682 | C 970.456.5262  
796 Megan Avenue, Suite 201, Rifle, CO 81650  
david.andrews@state.co.us | www.colorado.gov/cogcc

On Tue, May 27, 2014 at 9:05 AM, Wilkinson, Barry J. <Barry.Wilkinson@encana.com> wrote:

David,

During routine WO operations we experienced casing leak-off on the referenced well. With approval, we'd like to gather additional information and submit a remediation procedure based on findings.  
Thanks

Well Name	N Parachute EF02B-32 G29 595
API #	05-045-11656-0000
Surface Location	NESW S30 T5S R95W
County	Garfield

**Barry Wilkinson**

Production Engineer – North Piceance

t 970.285.2928  
c 970-319-5750

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**Jay Krabacher**

**N W Area Engineer**



**COLORADO**  
Oil & Gas Conservation  
Commission

Department of Natural Resources

P 970.625.2497 x4

C 970.589.6180

796 Megan Ave., Suite 201, Rifle, CO 81650

[jay.krabacher@state.co.us](mailto:jay.krabacher@state.co.us) | [www.colorado.gov/cogcc](http://www.colorado.gov/cogcc)