

## Re: FW: Option #4 - Wirth #7

From: Sutphin - DNR, Dirk  
 Sent: Tue, Mar 24, 2015 at 3:54 pm  
 To: Brianne Visconti  
 Cc: Diana Burn - DNR

image003.jpg (6.3 KB)

Brianne,

There is no plug in casing above the GRNH 6236', however top of cement outside casing is 6024' by CBL, the well is about 1150' off the toe, and the plug at 500' isolates the Fox Hills. The permit is already approved so we can't just modify the COA. You may request on a Sundry to exclude this well from mitigation and we will approve the change.

Best Regards,

Dirk Sutphin, PE  
 East Region Engineer



P 303.894.2100 x5107 | F 303.894.2109  
 1120 Lincoln Street, Suite 801, Denver, CO 80203  
 dirk.sutphin@state.co.us | www.colorado.gov/cogcc

On Tue, Mar 24, 2015 at 1:16 PM, Diana Burn - DNR <diana.burn@state.co.us> wrote:

This is yours – please respond and document.

Thanks,  
 Diana

**From:** Brianne Visconti [mailto:bvisconti@syrginfo.com]  
**Sent:** Tuesday, March 24, 2015 12:58 PM  
**To:** Diana Burn - DNR  
**Cc:** Brett Hall; Brandon Lorenz; Craig Rasmuson  
**Subject:** Option #4 - Wirth #7

Good Afternoon Diana,

The Wirth #7 (087-07993) lies 1209' from Synergy's permitted Conrad 44-1GHZ horizontal well and was P&A'd 5/26/2006.

The Wirth #7 produced from the J-Sand; this zone has been isolated with cement from 6300' to 6100'. The cement top is 6024', which lies more than 200' above the Greenhorn Lincoln Lime member at 6236', where the Conrad 44-1GHZ will produce from. The top of the Fox Hills is 431' and has also been isolated with cement from 400' to 500'. We do not feel this well needs mitigation and are requesting an Option #4 to the Horizontal Offset Policy. The wellbore diagram is attached. We do appreciate your feedback, please let me know if you agree with our conclusion.

Please let me know if you have any questions, thank you!

**Brianne Visconti**  
 Operations Administrator  
 Synergy Resources Corporation  
 20203 HWY 60