

----- Forwarded message -----

From: **Fischer - DNR, Alex** <[alex.fischer@state.co.us](mailto:alex.fischer@state.co.us)>

Date: Wed, Oct 23, 2013 at 1:55 PM

Subject: Fwd: RWF 442-4 Well Control Report

To: "Gardner, Michael" <[Michael.Gardner@wpxenergy.com](mailto:Michael.Gardner@wpxenergy.com)>, "Blaney, Karolina"

<[Karolina.Blaney@wpxenergy.com](mailto:Karolina.Blaney@wpxenergy.com)>

Cc: David Andrews - DNR <[david.andrews@state.co.us](mailto:david.andrews@state.co.us)>, Carlos Lujan - DNR <[carlos.lujan@state.co.us](mailto:carlos.lujan@state.co.us)>

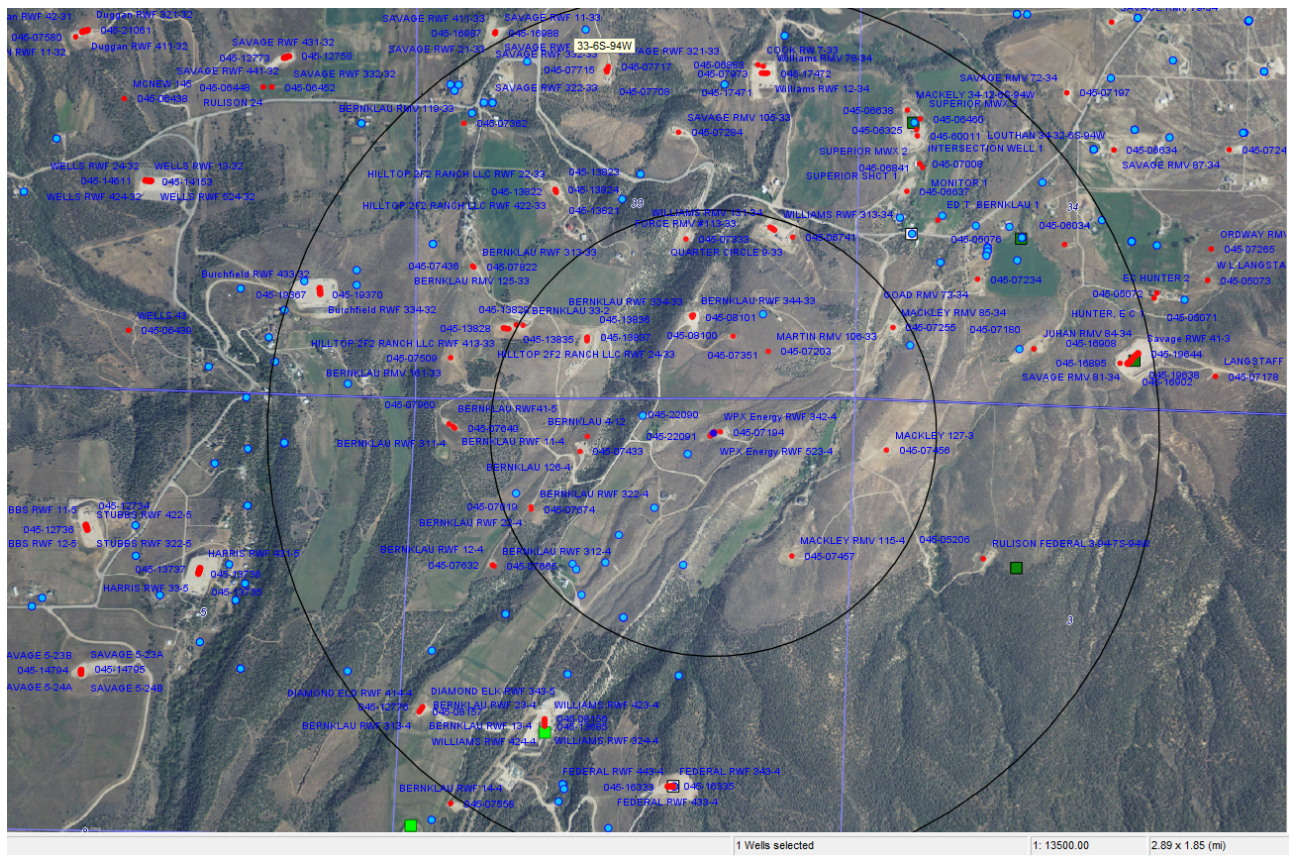
Mike and Karolina,

Apparently the RWF 442-4 kick observed 10/21/13. Based upon the rather high pressure gradient at the surface casing shoe, the potential for formation breakdown at the shoe exists. I have attached a map with a on-half mile and one-mile radius of water wells around RWF 442-4, API 045-22083.

Does WPX have baseline water samples from nearby wells? If not, this should be evaluated and water samples collected.

Thanks

Alex



----- Forwarded message -----

From: **Andrews - DNR, David** <[david.andrews@state.co.us](mailto:david.andrews@state.co.us)>

Date: Wed, Oct 23, 2013 at 11:35 AM

Subject: Re: RWF 442-4 Well Control Report

To: "Beavers, Kinzie" <[Kinzie.Beavers@wpenergy.com](mailto:Kinzie.Beavers@wpenergy.com)>

Cc: "McAdam, Douglas" <[Douglas.McAdam@wpenergy.com](mailto:Douglas.McAdam@wpenergy.com)>, "Stomley, Leonard" <[Leonard.Stomley@wpenergy.com](mailto:Leonard.Stomley@wpenergy.com)>, "Vallad, Gary" <[Gary.Vallad@wpenergy.com](mailto:Gary.Vallad@wpenergy.com)>, "HUTSON, MATTHEW" <[MATTHEW.HUTSON@wpenergy.com](mailto:MATTHEW.HUTSON@wpenergy.com)>, Alex Fischer - DNR <[alex.fischer@state.co.us](mailto:alex.fischer@state.co.us)>, Stuart Ellsworth - DNR <[Stuart.Ellsworth@state.co.us](mailto:Stuart.Ellsworth@state.co.us)>

Kinzie,

As discussed, the shut-in pressure gradient at the surface casing shoe was rather high at 1.43 psi/ft based on the information that you provided. I am requesting that WPX provide a bradenhead pressure today and a follow-up bradenhead pressure a week from now. How long was the well shut-in to measure pressures prior to implementing well control procedures?

I have advised COGCC's Environmental Protection Supervisor (Alex Fischer), and he may contact WPX to request collection baseline water samples from nearby water wells.

Thanks,

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

**State of Colorado**  
**Oil and Gas Conservation Commission**  
**NEW ADDRESS, EFFECTIVE 1/3/2013:**  
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**Rifle, Colorado 81650**

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Cell Phone: (970) 456-5262  
Fax: (970) 625-5682  
E-mail: [David.Andrews@state.co.us](mailto:David.Andrews@state.co.us)  
Website: <http://www.colorado.gov/cogcc>

On Mon, Oct 21, 2013 at 3:55 PM, Beavers, Kinzie <[Kinzie.Beavers@wpxenergy.com](mailto:Kinzie.Beavers@wpxenergy.com)> wrote:

David,

Attached you will find the Well Control Report, Form 23 for the RWF 442-4 kick observed 10/21/13 @ 04:00.

Please let me know if you have any questions.

*Kinzie Beavers*

Drilling Engineer - Piceance Basin

WPX Energy - Rocky Mountain, LLC

Email: [Kinzie.Beavers@WPXEnergy.com](mailto:Kinzie.Beavers@WPXEnergy.com)

Office: (303) 606-4365

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**Alex Fischer, P.G.**

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email: [alex.fischer@state.co.us](mailto:alex.fischer@state.co.us)

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**Alex Fischer, P.G.**

**Environmental Supervisor, Western Colorado**

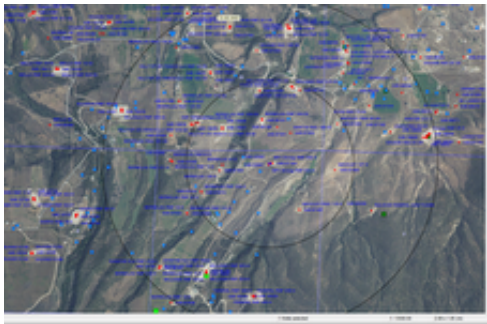
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**RWF 442-4 one-half mile and one mile radius.PNG**  
2957K