



State  
of  
Colorado



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

**RECEIVED**

JAN 21 2013

COGCC/Rifle Office

## LOW TOC on the PA 44-5

2 messages

**Schmidt, Andrew** <Andrew.Schmidt@wpenergy.com>

Mon, Jan 21, 2013 at 8:41 AM

To: "Krabacher, Jay" <Jay.Krabacher@state.co.us>

Cc: "Harris, Howard" <Howard.Harris@wpenergy.com>, "Tannehill, Julie" <Julie.Tannehill@wpenergy.com>, "Burt, Samuel" <Samuel.Burt@wpenergy.com>

Jay,

The PA 44-5 has a low TOC and we will need to remediate.

Sec	Tw	Rng	Well	API	CBL TOC	Top of MVRD	Short*	Top of Gas	Top Perf	Cmt over Perf	Bradenhead Press Before Completion
4	7	95	PA 44-5	05-045-20058	5,810	4,315	-1,695	5,404	6,368	558	0

\*Note: I'm assuming 200' above MVRD for cement coverage

This email is to inform you that:

- This well is a new drill and initial completion operations are scheduled to begin January 24<sup>th</sup>, 2013.
- Cement top on the production casing did not cover the geologist's pick for Mesa Verde top.
- Cement top did not cover the geologist's pick for top of gas.
- Cement top did not cover all zones that we have an interest in completing. Until remediation, the shallowest perforation will be located at 6,368'.

Surface casing pressure (if any exists) will be bled off. At present, our completion plan with regard to the low TOC is to:

- Re-confirm 0 psi on bradenhead pressure before initiating fracs.
- Monitor surface casing pressure during completion process (pressure gauge during frac job, documenting pressure before and after the frac).
- Proceed with the completion as planned
- Continue to bleed pressure down (if any exists) and shut in surface casing to determine if pressure continues to build up. If so, repeat this process as necessary.
- Check surface casing pressure 90 days after completion operations are finished.
- If pressure persists after these efforts, we will contact you to discuss options.

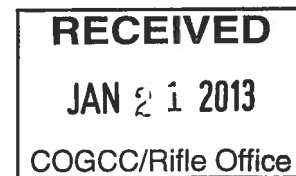
At this time, we plan to remediate but will not do so until the well is completed up to the perforation at a depth of 6,368' and we have discussed the remediation plan with you. Please advise:

- Is this plan acceptable?
- Are there other monitoring efforts we should pursue?

The bond log and completion procedure are attached and are also available on the WPX FTP site. Please advise if you are unable to view the CBL.

Thanks,

Andrew



**Andrew Schmidt**

Senior Completions Engineer

WPX Energy

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Cell: 720-292-0141

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 **WPX SAVAGE PA 44-5 CBL.PDF**  
7046K

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

Tue, Jan 22, 2013 at 10:16 AM

To: "Schmidt, Andrew" <Andrew.Schmidt@wpxenergy.com>

Cc: "Harris, Howard" <Howard.Harris@wpxenergy.com>, "Tannehill, Julie" <Julie.Tannehill@wpxenergy.com>, "Burt, Samuel" <Samuel.Burt@wpxenergy.com>

Andrew:

You mentioned "please advise" if I could not view the CBL. THAT came up, fine. However, you mentioned an attached "completion procedure" which is (1) either missing (2) I couldn't find (3) perhaps the procedure is/was not so much 'attached' as plainly visible within the email text.

Regardless, if WPX's top perf is planned for 6368', COGCC concurs with your completion plan as detailed within your email. Please proceed, abiding by the monitoring and cautionary steps you've presented.

Regards,

Jay Krabacher

[Quoted text hidden]

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**Jay Krabacher**

N W Area Engineer

C O G C C

cosas son mas como son ahora que ellas siempre fueron