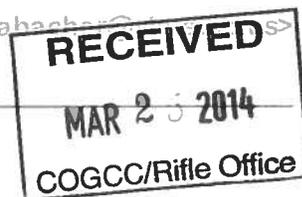


STATE OF
COLORADO

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

**Re: PA 512-2 (API# 05-045-221410000) Low TOC Notification**

1 message

Krabacher - DNR, Jay <jay.krabacher@state.co.us>
To: "Schant, Jennifer" <Jennifer.Schant@wpenergy.com>

Thu, Mar 27, 2014 at 11:07 AM

Jennifer:

WPX has COGCC concurrence to proceed with completions on the PA 512-2. As you'd expect us to say: monitor the bradenhead pressure (BHP) and stop with completions if the BHP exceeds 150 psi (and notify us).

Regards,

Jay Krabacher

On Tue, Mar 25, 2014 at 1:44 PM, Schrant, Jennifer <Jennifer.Schant@wpenergy.com> wrote:

Hi Jay,

I talked to the field as well as the drilling engineers and they said that we did not record bradenhead pressure for these wells because it was not part of our COA. But if you would like for the PA 512-2 and the PA 522-2 we could start recording it going forward. They did monitor the fluid levels for the 4 hours required and they did not see any drop.

Thank you,

Jennifer

From: Krabacher - DNR, Jay [mailto:jay.krabacher@state.co.us]
Sent: Tuesday, March 25, 2014 10:42 AM
To: Schrant, Jennifer
Subject: Re: PA 512-2 (API# 05-045-221410000) Low TOC Notification

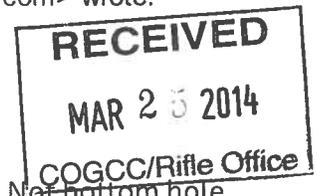
whoa, hadn't thought of that. I have been using BHP for BRADENHEAD pressure.

Thanks -- I'll have to watch it from now on.

J K

On Tue, Mar 25, 2014 at 10:35 AM, Schrant, Jennifer <Jennifer.Schran@wpenergy.com> wrote:

Hi Jay,



Sorry just to clarify, when you say BHP you mean bradenhead pressure correct? Not bottom hole pressure?

Thank you,

Jennifer

From: Krabacher - DNR, Jay [mailto:jay.krabacher@state.co.us]
Sent: Tuesday, March 25, 2014 10:30 AM
To: Schrant, Jennifer
Subject: Re: PA 512-2 (API# 05-045-221410000) Low TOC Notification

I will probably approve soon -- but do you happen to have a "bradenhead pressure history"?

That is, not only is the BHP 0 at present, has WPX collected BHP data prior to now? Also, has the fluid level in the well been constant? That is, has the annular fluid dropped significantly?

Regards,

Jay K

On Tue, Mar 25, 2014 at 8:39 AM, Schrant, Jennifer <Jennifer.Schran@wpenergy.com> wrote:

Hi Jay,

This email is to notify you that the PA 512-2 on the GV 86-2 pad has a low top of cement. Details of this well include:

PA 512-2 (05-045-221410000)- MV Well

- This well is a new drill
- Top of Cement- 4138'
- This well does not cover 200' above the top of the Mesa Verde (Geology pick: 4117')

- This well **does** cover the top of gas (Geology pick: 5407')
- Bradenhead is 0 psi
- The planned top perf depth is 5420'

The well is scheduled to frac on 3/31/2014. Please advise.



Jennifer Schrant

EDP Engineer I-

Piceance Completions

Office Phone: (303) 629- 8402

Cell Phone: (303) 885-7752

Email: jennifer.schant@wpenergy.com



—
Jay Krabacher

N W Area Engineer



COLORADO
Oil & Gas Conservation
Commission
Department of Natural Resources