

Krabacher, Jay



To: Trahan, Kristin
Cc: Davis, Gregory; Burt, Samuel; King, Kevin; Andrews, David
Subject: RE: Low TOC in Kokopelli 045-20630
Attachments: Jay Krabacher.vcf

Kristin:

Your plan is acceptable.

Seeing as how the TOC (however determined)* is well above the proposed top perf, and no elevated bradenhead pressure has been observed, COGCC concurs with WPX proceeding with the proposed completion operations .

*The CBL doesn't indicate a strong nor pronounced TOC at 4100' - but at any rate there is over 500' of cement above your top perf.
(And API # is 045-20630).

Regards,

Jay Krabacher

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C O G C C

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From: Trahan, Kristin [<mailto:Kristin.Trahan@wpxenergy.com>]

Sent: Friday, July 20, 2012 12:01 PM

To: King, Kevin; Krabacher, Jay; Andrews, David

Cc: Davis, Gregory; Burt, Samuel; Trahan, Kristin

Subject: FW: Low TOC in Kokopelli

Kevin,

We have a low cement top in our Kokopelli field. Details are listed below. This email is to inform you that:

- This is a new well and initial completion operations are scheduled to begin July 26, 2012.
- Cement top does NOT cover the geologist's pick for Mesa Verde top (3392')
- Cement is the same as the geologist's pick for top of gas - 4102'
- Cement top does cover all the zones we have an interest in completing. Proposed Top Perf 5330'
- No bradenhead pressure was observed.

Our completion plan with regard to the low TOC is to:

- Complete the well as currently designed, top perf to TOC is 1,230'. If necessary, remediate the well to bring cement above top MVRD after completion operations
- Monitor bradenhead pressure during the completion operations. If bradenhead pressure reaches 150psi we will go to flush and if it reaches 200 psi, we will shut down immediately.

Sec	Twn	Rng	Well	API	CBL TOC	Top of MVRD	Short*	Top of Gas	Top Perf	Cmt over Perf
18	6	91	KP 433-18	05-045-20530	4,100	3,392	-908	4,102	N/A	N/A

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

I have attached a copy of the CBL. Please advise if this plan is acceptable.

Thanks,
Kristin Trahan



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