

Chris Hohnstein

From: Renee Call
Sent: Monday, February 4, 2019 2:57 PM
To: Chris Hohnstein; Kevin Monaghan; Justin Swarts
Subject: Fwd: EXTERNAL: Re: NBL Modified Procedure: Gutttersen State D16-63-1HN (35204)

Chris,

I'd like to run a punch (C&J) instead of perforating inside the surface casing. Please plan to punch at 600' and circulate cement from 1000'.

Thanks,

Renee

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From: Jacobson - DNR, Eric <eric.jacobson@state.co.us>
Sent: Monday, February 4, 2019 11:29 AM
To: Renee Call
Subject: EXTERNAL: Re: NBL Modified Procedure: Gutttersen State D16-63-1HN (35204)

Renee

I am good with not cutting the 7" casing. The base of the Fox Hills is at 519'. I propose the following, so there is wellbore to wellbore isolation..

Perf at 600' and pump 70 sacks leaving 40 sacks in the casing. This should be a plug from 600' to 400' inside and outside of the casing.

Pump 10 sacks at surface.

Let me know if this works, or you have a different plane.

Thanks Eric

On Mon, Feb 4, 2019 at 10:54 AM Renee Call <Renee.Call@nblenergy.com> wrote:

Hi Eric,

I know we discussed the other Gutttersen well, but I did not see a response on this one. Apologies if I missed an email, but can you please let me know if below is approved?

Thanks,

Renee

From: Renee Call
Sent: Thursday, January 31, 2019 3:12 PM
To: 'Jacobson - DNR, Eric' <eric.jacobson@state.co.us>
Subject: NBL Modified Procedure: Guttarsen State D16-63-1HN (35204)

Eric,

The procedure calls for cutting the 7" production casing, however we would like to leave this in place and pump the surface plug as a balance plug from 1000' to surface inside the 7" casing. Please let me know if this is OK from your side.

Kind regards,

Renee Call

Production Engineer

DIBU Production Engineering

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Renee.Call@nblenergy.com | www.nblenergy.com



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Eric Jacobson, PE
Engineer
[303-894-2100](tel:303-894-2100) (5265)

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Thanks Eric

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Renee Call

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