

STATE OF
COLORADO

Andrews - DNR, David <david.andrews@state.co.us>

COGCC Document No. 2055936

Re: API 05-081-05180 Durham Homestead #1 P&A

1 message

Andrews - DNR, David <david.andrews@state.co.us>

Fri, May 30, 2014 at 7:49 AM

To: Barbara.Whetstone@shell.com

Cc: Mike.M.Harris@shell.com, Stephen.DuBois@shell.com, Kyle.Biega@shell.com

Barb,

Thanks, and please proceed with this revised plan. I will save a copy of this email to COGCC's well file. Additional reporting for this change is not required.

Dave

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



COLORADO
Oil & Gas Conservation
Commission
Department of Natural Resources

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On Thu, May 29, 2014 at 8:23 PM, <Barbara.Whetstone@shell.com> wrote:

Dave,

As per our phone call, we discovered additional issues establishing our first plug in the subject well. The tally was incorrect when setting the CIBP at our intended 2985' and was actually set at 2705'. Circulation was not possible (above slots in liner and perforations) and 165' of cement was placed on the CIBP. We then moved up hole and perforated at 2540' as per plan. This is when the tally error was discovered. Although circulation could not be established, we were able to pump, initial rate 1.5 bpm and 600 psi, final 2.8 bpm & 600 psi and 38 bbls cement was pumped into formation through these perfs

The plan as we discussed on the phone going forward included pumping additional cement (15 bbls) into the annulus. Additional thought suggests this will go UP the annulus and will impede pumping the next plug (perfs) for the 7" shoe. As a result, we would like to keep the same philosophy as our phone conversation, but limit the volume pumped to ~100' below perfs for 3rd plug (2128').

Plan:

We will set a CR at 2490' above the current perfs at 2540' and pump 25 sx or 5.1 bbls class G below

Cement retainer (300' in the annulus and 50' below CR inside casing), we will then pull out of retainer and leave 14 sx on top of same , TOC in 5" at 2338'.

Since this is an alteration to the exact plan discussed on the phone, we'll look for your reply in the morning before proceeding.

Thank you for your time and consideration,
Barb Whetstone

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