

Ariana Solis

From: Sutphin - DNR, Dirk <dirk.sutphin@state.co.us>
Sent: Tuesday, September 24, 2019 2:38 PM
To: Elizabeth Wilson
Cc: Ariana Solis
Subject: Re: Carlson 1-23 P&A
Attachments: image003.jpg

Hi Elizabeth,
Please proceed.

Thank you,

Dirk Sutphin, PE

East Region Engineer



P 303.894.2100 x5107 | F 303.894.2109

1120 Lincoln Street, Suite 801, Denver, CO 80203

dirk.sutphin@state.co.us | www.colorado.gov/cogcc

On Tue, Sep 24, 2019 at 2:17 PM Elizabeth Wilson <ewilson@bisonog.com> wrote:

Hi Dirk,

We will plug from 590' to surface. We were using a 7-7/8" bit and got to 755'. The tight spot was starting at 703'.

Thank you,



Elizabeth Wilson
Sr. Staff Reserves and Business Development Engineer
P: 720.644.6997 ext. 6-1
ewilson@bisonog.com
518 17th St. Suite 1800
Denver, CO 80202

From: Sutphin - DNR, Dirk <dirk.sutphin@state.co.us>
Sent: Tuesday, September 24, 2019 2:15 PM
To: Elizabeth Wilson <ewilson@bisonog.com>
Subject: Re: Carlson 1-23 P&A

Elizabeth,

As we spoke please start the plug from 590' (50' below surface casing). I forgot to ask you what size bit were they using? Please confirm the depth you got to. I wrote 755', and it was tight from 703' down. Is that all correct? I will document what we agreed to for the modified plugging procedure in a staff note. You will need to turn in a Form 6S.

Thank you,

Dirk Sutphin, PE

East Region Engineer

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On Tue, Sep 24, 2019 at 11:02 AM Elizabeth Wilson <ewilson@bisonog.com> wrote:

Hi Dirk,

Bison currently has a rig on the Carlson 1-23 (API 05-123-22302) to re-enter and re-plug in preparation for an upcoming frac. The rig drilled tagged the surface plug at 9' and drilled out the 95' cement plug. They RIH to tag surface casing shoe plug at 448' and got a good pressure test on the casing. They then drilled out the casing shoe plug to 575' (surface casing was set at 538'). They fell into open hole for 50' and tagged hard cement again. Since that point, we have been drilling hard cement and made about 125' of hole in ~8 hours.

This wells seems to have been plugged well in 2004 when it was originally plugged. The original plugging report lists two 100' plugs from 6855'-6755' and 1600'-1500'. Being that we are well below the Fox Hills base and still seeing hard, good cement, would you be comfortable if we stopped here and filled the hole with cement from 560'-surface? Base of the Fox Hills is at 487'.

Thank you,



Elizabeth Wilson
Sr. Staff Reserves and Business Development Engineer
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