

Andrews, David



From: Andrews, David
Sent: Tuesday, August 21, 2012 1:52 PM
To: 'Keith.Smelker@shell.com'
Cc: A.Baldrige@shell.com; Anthony.Eymard@shell.com
Subject: RE: North Castor Gulch 1-16 - 05-081-7720 - Surface Cement

Keith,

Thanks for the update, and your forward plan is acceptable. Please proceed.

Dave

From: Keith.Smelker@shell.com [<mailto:Keith.Smelker@shell.com>]
Sent: Tuesday, August 21, 2012 1:32 PM
To: Andrews, David
Cc: A.Baldrige@shell.com; Anthony.Eymard@shell.com
Subject: RE: North Castor Gulch 1-16 - 05-081-7720 - Surface Cement

David,
Late last night and this morning we perforated from 625-631 with 30 holes and had complete losses. We then pumped 115 bbls of 15.8 cement through the perforations and under-displaced by ~80'. During the displacement, we started seeing returns for the last 25-30 bbls and began seeing spacer at the end of the job. Our final pressure was 210 psi and we displaced with clear water. The pressure to inject through the perforations was 30-60 psi. This puts the cement top between 163-240'. Our plan forward is to Rig up a 1" pipe and pump 50 bbls of 15.8 ppg Class G to top off with. Please let me know if this will work for you.

Regards,
Keith

From: Andrews, David [<mailto:David.Andrews@state.co.us>]
Sent: Tuesday, August 21, 2012 1:23 PM
To: Smelker, Keith P SEPCO-UAO/W/D
Subject: RE: North Castor Gulch 1-16 - 05-081-7720 - Surface Cement

Thanks,

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

State of Colorado
Oil and Gas Conservation Commission
707 Wapiti Court, Suite 204
Rifle, Colorado 81650
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From: Keith.Smelker@shell.com [<mailto:Keith.Smelker@shell.com>]
Sent: Sunday, August 19, 2012 6:43 PM

To: Andrews, David
Subject: RE: North Castor Gulch 1-16 - 05-081-7720 - Surface Cement

David,
In regards to our conversation this evening, We were able to acquire the CBL and saw a defined cement top at 700'. Our plan forward is to perforate ~50' above the top of cement and attempt to regain circulation and pump another cement job.

Losses in this well began occurring at 760' MD and we had total losses at 800'.
I will send you the CBL tomorrow.

Regards,
Keith Smelker

From: Andrews, David [<mailto:David.Andrews@state.co.us>]
Sent: Sunday, August 19, 2012 1:59 PM
To: Smelker, Keith P SEPCO-UAO/W/D
Cc: Eymard, Anthony P SEPCO-UAO/W/OR; Baldrige, Anne SEPCO-EPW; King, Kevin; Krabacher, Jay
Subject: RE: North Castor Gulch 1-16 - 05-081-7720 - Surface Cement

Keith,

I will be in Denver for meetings Monday and Tuesday, but I may not have good access to view email attachments again until Tuesday afternoon (it depends on what the hotel has available – I will not have my work laptop until I get back to our Denver office on Tuesday afternoon). We can either discuss it on the phone (my cell phone) this evening, or you should try to get with Kevin King or Jay Krabacher if you don't have the CBL until tomorrow.

Thanks,

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

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Oil and Gas Conservation Commission
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From: Keith.Smelker@shell.com [<mailto:Keith.Smelker@shell.com>]
Sent: Sunday, August 19, 2012 7:50 AM
To: Andrews, David
Cc: Anthony.Eymard@shell.com; A.Baldrige@shell.com
Subject: North Castor Gulch 1-16 - 05-081-7720 - Surface Cement

David,
We pumped the surface cement job as follows:

Hole Size: 13.5"
Casing Size: 10-3/4"

Setting Depth: 815' MD/TVD

Cement:

Lead- 68.4 bbls/271 scks 14.5ppg Class G Cement, Yield: 1.42

Tail – 41.9 bbls/201scks 15.8 Class G Cement, Yield: 1.12

Pressure Prior to Bump: 75 psi

Pressure After Bump: 575psi

Floats Held

Comments: No cement was returned to surface. We are currently waiting on CBL. I will give you a call to discuss a plan forward once we have the CBL.

Regards,

Keith Smelker