

From: [Soicher, Alan J CIV USARMY CESP A \(USA\)](#)
To: [Cushman, George H IV CIV USARMY HQDA DCS G-9 \(USA\)](#)
Cc: [Christy Esler](#); [Angela Makin](#)
Subject: FW: [EXTERNAL] Well 68 Obstruction - Abandonment/Plugging of Wells #68 & #69, Fort Wingate Depot Activity
Date: Monday, August 21, 2023 4:40:55 PM
Attachments: [G191 Revised 1 COA 20230821.pdf](#)

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FYSA

From: Lopez-Brody, Nathan, OSE <Nathan.Lopez-Brody@ose.nm.gov>
Sent: Monday, August 21, 2023 2:14 PM
To: Moayyad, Behnaum CIV USARMY CESP A (USA) <Behnaum.Moayyad@usace.army.mil>; Chris Cicerale <ccicerale@dawsonohana.com>; Angel, Christopher, OSE <Christopher.Angel@ose.nm.gov>
Cc: Soicher, Alan J CIV USARMY CESP A (USA) <Alan.J.Soicher@usace.army.mil>; Emily McRee <emcree@dawsonohana.com>; O'Neill, Charles <charles.oneill@hdrinc.com>; jshiflet <jshiflet@dawsonohana.com>; Hernandez, Michael R CIV USARMY CESP A (USA) <Michael.R.Hernandez@usace.army.mil>; Klingel, Eric J CIV USARMY CESP A (USA) <Eric.J.Klingel@usace.army.mil>; McGibbon, Christopher J CIV (USA) <Christopher.J.Mcgibbon@usace.army.mil>
Subject: [Non-DoD Source] RE: [EXTERNAL] Well 68 Obstruction - Abandonment/Plugging of Wells #68 & #69, Fort Wingate Depot Activity

Hello,

Here's the revised conditions for the plugging plan of operations. Please continue to send daily updates so that we can schedule our witnessing. Ben, I would also like to add Chris Angel to our list of personnel who may attend the cementing.

Nathan

From: Moayyad, Behnaum CIV USARMY CESP A (USA) <Behnaum.Moayyad@usace.army.mil>
Sent: Monday, August 21, 2023 11:48 AM
To: Lopez-Brody, Nathan, OSE <Nathan.Lopez-Brody@ose.nm.gov>; Chris Cicerale <ccicerale@dawsonohana.com>; Angel, Christopher, OSE <Christopher.Angel@ose.nm.gov>
Cc: Soicher, Alan J CIV USARMY CESP A (USA) <Alan.J.Soicher@usace.army.mil>; Emily McRee <emcree@dawsonohana.com>; O'Neill, Charles <charles.oneill@hdrinc.com>; jshiflet <jshiflet@dawsonohana.com>; Hernandez, Michael R CIV USARMY CESP A (USA) <Michael.R.Hernandez@usace.army.mil>; Klingel, Eric J CIV USARMY CESP A (USA) <Eric.J.Klingel@usace.army.mil>; McGibbon, Christopher J CIV (USA) <Christopher.J.Mcgibbon@usace.army.mil>
Subject: RE: [EXTERNAL] Well 68 Obstruction - Abandonment/Plugging of Wells #68 & #69, Fort Wingate Depot Activity

Thanks Nathan and Angel for the call this morning.

Attached is a figure out of the work plan. The logs are scans of old facility records from the original well drilling.

We have not changed the perforation on the figure as discussed today.

Ben Moayyad
USACE-Albuquerque
Mobile: (505) 639-3195

From: Lopez-Brody, Nathan, OSE <Nathan.Lopez-Brody@ose.nm.gov>
Sent: Monday, August 21, 2023 11:35 AM
To: Chris Cicerale <ccicerale@dawsonohana.com>; Moayyad, Behnaum CIV USARMY CESP A (USA) <Behnaum.Moayyad@usace.army.mil>; Angel, Christopher, OSE <Christopher.Angel@ose.nm.gov>
Cc: Soicher, Alan J CIV USARMY CESP A (USA) <Alan.J.Soicher@usace.army.mil>; Emily McRee <emcree@dawsonohana.com>; O'Neill, Charles <charles.oneill@hdrinc.com>; jshiflet <jshiflet@dawsonohana.com>; Hernandez, Michael R CIV USARMY CESP A (USA) <Michael.R.Hernandez@usace.army.mil>; Klingel, Eric J CIV USARMY CESP A (USA) <Eric.J.Klingel@usace.army.mil>; McGibbon, Christopher J CIV (USA) <Christopher.J.Mcgibbon@usace.army.mil>
Subject: [Non-DoD Source] RE: [EXTERNAL] Well 68 Obstruction - Abandonment/Plugging of Wells #68 & #69, Fort Wingate Depot Activity

Hi everyone,

Here's my summary of our meeting this morning. I will be sending out revised conditions for POD-1 (well 68) only. As of now the previously issued conditions will hold for POD-2 (well 69).

- G-191 POD1 (well 68) currently has a static water level of 168' bgl
 - May be losing water behind pipe to another formation
- Rough Stratigraphy in vicinity of obstruction per Ben Moayyad:
 - 1040' to 740' bgl is a shale
 - 740' to 720' is sandstone
 - 720' to 640' is shale
 - **Please provide the source for this information**
- Based on above stratigraphy the following procedure will be followed
 - Perf from 740' to 720'
 - Set cement retainer at 720'
 - Pump cement to exceed hydrostatic pressure
 - From static water level of 168':
 - ~414 psi (assuming no inter-aquifer exchange)
 - Estimated pressure assuming flowing w/ shut-in pressure of ~60 psi:
 - 647 psi
 - If water is being lost to another formation this may be a better estimate

of the hydrostatic pressure.

- o Proceed with perforations and plugging as previously described

I will be working with Chris on finalizing revised conditions for the plugging. Currently aiming at Wednesday for cementing.

Nathan

From: Chris Cicerale <ccicerale@dawsonohana.com>

Sent: Monday, August 21, 2023 8:43 AM

To: Lopez-Brody, Nathan, OSE <Nathan.Lopez-Brody@ose.nm.gov>; Moayyad, Behnaum CIV USARMY CESPA (USA) <Behnaum.Moayyad@usace.army.mil>; Angel, Christopher, OSE <Christopher.Angel@ose.nm.gov>

Cc: Soicher, Alan J CIV USARMY CESPA (USA) <Alan.J.Soicher@usace.army.mil>; Emily McRee <emcree@dawsonohana.com>; O'Neill, Charles <charles.oneill@hdrinc.com>; Jason Shiflet, PhD, PG <jshiflet@dawsonohana.com>; Hernandez, Michael R CIV USARMY CESPA (USA) <Michael.R.Hernandez@usace.army.mil>; Klingel, Eric J CIV USARMY CESPA (USA) <Eric.J.Klingel@usace.army.mil>; McGibbon, Christopher J CIV (USA) <Christopher.J.Mcgibbon@usace.army.mil>

Subject: RE: [EXTERNAL] Well 68 Obstruction - Abandonment/Plugging of Wells #68 & #69, Fort Wingate Depot Activity

Thanks Nathan. I am trying to contact Layne. Will let you know if we need to have a call after I discuss it with them.

Thanks,
Chris

Christopher Cicerale, PG, CIH, CSP, ASP

Project Manager

DAWSON

Mobile: 973-803-2128

From: Lopez-Brody, Nathan, OSE <Nathan.Lopez-Brody@ose.nm.gov>

Sent: Monday, August 21, 2023 10:36 AM

To: Chris Cicerale <ccicerale@dawsonohana.com>; Moayyad, Behnaum CIV USARMY CESPA (USA) <Behnaum.Moayyad@usace.army.mil>; Angel, Christopher, OSE <Christopher.Angel@ose.nm.gov>

Cc: Soicher, Alan J CIV USARMY CESPA (USA) <Alan.J.Soicher@usace.army.mil>; Emily McRee <emcree@dawsonohana.com>; O'Neill, Charles <charles.oneill@hdrinc.com>; Jason Shiflet, PhD, PG <jshiflet@dawsonohana.com>; Hernandez, Michael R CIV USARMY CESPA (USA) <Michael.R.Hernandez@usace.army.mil>; Klingel, Eric J CIV USARMY CESPA (USA) <Eric.J.Klingel@usace.army.mil>; McGibbon, Christopher J CIV (USA) <Christopher.J.Mcgibbon@usace.army.mil>

Subject: RE: [EXTERNAL] Well 68 Obstruction - Abandonment/Plugging of Wells #68 & #69, Fort Wingate Depot Activity

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Hello Chris,

As we just discussed, we would like to see a packer placed and the first lift of cement pumped before any perforations happen. Chris Angel and I are available to meet any time today to discuss further. I will be working on issuing a set of conditions for this contingency.

Nathan

From: Chris Cicerale <ccicerale@dawsonohana.com>

Sent: Saturday, August 19, 2023 5:52 PM

To: Lopez-Brody, Nathan, OSE <Nathan.Lopez-Brody@ose.nm.gov>; Moayyad, Behnaum CIV USARMY CESPA (USA) <Behnaum.Moayyad@usace.army.mil>; Angel, Christopher, OSE <Christopher.Angel@ose.nm.gov>

Cc: Soicher, Alan J CIV USARMY CESPA (USA) <Alan.J.Soicher@usace.army.mil>; Emily McRee <emcree@dawsonohana.com>; O'Neill, Charles <charles.oneill@hdrinc.com>; Jason Shiflet, PhD, PG <jshiflet@dawsonohana.com>; Hernandez, Michael R CIV USARMY CESPA (USA) <Michael.R.Hernandez@usace.army.mil>; Klingel, Eric J CIV USARMY CESPA (USA) <Eric.J.Klingel@usace.army.mil>; McGibbon, Christopher J CIV (USA) <Christopher.J.Mcgibbon@usace.army.mil>

Subject: [EXTERNAL] Well 68 Obstruction - Abandonment/Plugging of Wells #68 & #69, Fort Wingate Depot Activity

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Nathan,

Our driller has made numerous attempts to remove the obstruction in Well 68, ongoing since last night, 8/18/23. They attempted removal using a corkscrew "pig tail" tool. They also attempted to use downhole video between attempts to re-evaluate the tools and procedures. Earlier today following failed attempts at pulling the obstruction, they applied force using drill pipe to try to push it to the bottom of the well. This was also unsuccessful. The efforts to push and pull on the obstruction have exceeded reasonable expectations. We believe further efforts would only cause greater risk of well collapse and risk closing the existing channel to allow flow of grout to the screen.

Please let us know as soon as possible if there are any to proceeding with plugging, as per the previously approved procedure. I can be reached at 973-803-2128.

Thanks,
Chris

Christopher Cicerale, PG, CIH, CSP, ASP

Project Manager

DAWSON

Mobile: 973-803-2128

From: Lopez-Brody, Nathan, OSE <Nathan.Lopez-Brody@ose.nm.gov>

Sent: Friday, August 18, 2023 3:39 PM

To: Moayyad, Behnaum CIV USARMY CESP A (USA) <Behnaum.Moayyad@usace.army.mil>; Chris Cicerale <ccicerale@dawsonohana.com>; Angel, Christopher, OSE <Christopher.Angel@ose.nm.gov>

Cc: Soicher, Alan J CIV USARMY CESP A (USA) <Alan.J.Soicher@usace.army.mil>; Emily McRee <emcree@dawsonohana.com>; O'Neill, Charles <charles.oneill@hdrinc.com>; Jason Shiflet, PhD, PG <jshiflet@dawsonohana.com>; Hernandez, Michael R CIV USARMY CESP A (USA) <Michael.R.Hernandez@usace.army.mil>; Klingel, Eric J CIV USARMY CESP A (USA) <Eric.J.Klingel@usace.army.mil>; McGibbon, Christopher J CIV (USA) <Christopher.J.Mcgibbon@usace.army.mil>

Subject: RE: [EXTERNAL] Re: Notification Field Work, Abandonment/Plugging of Wells #68 & #69, Fort Wingate Depot Activity

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Sounds good. I'll look for updates for when you're ready to start cementing operations.

N

From: Moayyad, Behnaum CIV USARMY CESP A (USA) <Behnaum.Moayyad@usace.army.mil>

Sent: Friday, August 18, 2023 12:37 PM

To: Lopez-Brody, Nathan, OSE <Nathan.Lopez-Brody@ose.nm.gov>; Chris Cicerale <ccicerale@dawsonohana.com>; Angel, Christopher, OSE <Christopher.Angel@ose.nm.gov>

Cc: Soicher, Alan J CIV USARMY CESP A (USA) <Alan.J.Soicher@usace.army.mil>; Emily McRee <emcree@dawsonohana.com>; O'Neill, Charles <charles.oneill@hdrinc.com>; jshiflet <jshiflet@dawsonohana.com>; Hernandez, Michael R CIV USARMY CESP A (USA) <Michael.R.Hernandez@usace.army.mil>; Klingel, Eric J CIV USARMY CESP A (USA) <Eric.J.Klingel@usace.army.mil>; McGibbon, Christopher J CIV (USA) <Christopher.J.Mcgibbon@usace.army.mil>

Subject: RE: [EXTERNAL] Re: Notification Field Work, Abandonment/Plugging of Wells #68 & #69, Fort Wingate Depot Activity

Sounds good.

Your group can check in at Trailer 1 with Shawn Meek (433.341.2326) or Eric Stoneking and sign in as visitors. Also will need to check out to account for all folks as a safety check.

I am onsite through Sunday and Chris McGibbon will be taking day shifts starting Monday.

Chris McGibbon: 505-948-1930

Thanks,

Ben Moayyad
USACE-Albuquerque
Mobile: (505) 639-3195

From: Lopez-Brody, Nathan, OSE <Nathan.Lopez-Brody@ose.nm.gov>
Sent: Friday, August 18, 2023 11:52 AM
To: Moayyad, Behnaum CIV USARMY CESP (USA) <Behnaum.Moayyad@usace.army.mil>; Chris Cicerale <ccicerale@dawsonohana.com>; Angel, Christopher, OSE <Christopher.Angel@ose.nm.gov>
Cc: Soicher, Alan J CIV USARMY CESP (USA) <Alan.J.Soicher@usace.army.mil>; Emily McRee <emcree@dawsonohana.com>; O'Neill, Charles <charles.oneill@hdrinc.com>; jshiflet <jshiflet@dawsonohana.com>; Hernandez, Michael R CIV USARMY CESP (USA) <Michael.R.Hernandez@usace.army.mil>; Klingel, Eric J CIV USARMY CESP (USA) <Eric.J.Klingel@usace.army.mil>
Subject: [URL Verdict: Unknown][Non-DoD Source] RE: [EXTERNAL] Re: Notification Field Work, Abandonment/Plugging of Wells #68 & #69, Fort Wingate Depot Activity

Hello Ben,

Chris Cicerale let us know that they are hoping to cement the first well early next week. We are likely going to be five people:

Nathan Lopez-Brody
Gauge Swanson
Randy Holloway
Max Gersh
Chris Krambis

If that list changes I will text or email you when we are leaving Albuquerque. I will also text you with the actual date as soon as we hear from Chris.

Nathan

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