

From: waterworksplus
To: "[Tracy Dahl](#)"; [Gintautas, Peter](#)
Subject: RE: Product used during rehabilitation of the Dahl water well
Date: Tuesday, February 08, 2011 8:05:18 AM

Peter,

As indicated in my voice mail to you – in the rehabilitation procedure of the Dahl well we utilized Cotey Chemical's "Liquid Acid Descaler" . Nothing else was used in the rehab of this well. The amount of descaler used was 5 gallons which is less than manufacturer recommendation for heavily incrustated water wells. It was determined by Water Works Plus, that based on what we saw when the drop pipe and pump were pulled from the Dahl well that the any incrustation was likely nominal therefore, less of the descaler was used. This approach was also recommended by the manufacturer's representative.

The rehabilitation process entailed initial scrubbing of the well bore followed by injection of the descaler, followed by additional scrubbing of the bore with descaler in solution. The solution was then left undisturbed for approximately 72 hours. The well was then bailed for approximately 3.5 hours. Bailing of the well entailed removal of approximately 700 gallons of water. The well depth is 450 feet with a static water level of 201 feet. This results in a water column of around 250 feet or approximately 375 gallons of water. The bailing of this well basically amounted to vacating of the column about twice. Several days following the rehabilitation and bailing a pump was placed in the well and again the well was vacated to within approximately 6" from the bottom of the bore or 449.5 feet.

Hope this gives you what you need regarding the rehabilitation. If not, please let me know what additional information is desired.

Best regards,
Fred Baros, President
WATER WORKS PLUS, LLC
719.859.1148
Fax 719.213.2006
cell 719-859-1813
"serving your pump, water and septic needs"

From: Tracy Dahl [mailto:polarsolar@hughes.net]
Sent: Monday, February 07, 2011 5:56 PM
To: waterworksplus@dishmail.net
Subject: FW: Product used during rehabilitation of the Dahl water well

Hi Fred,

Can you provide Peter with the information requested below?

Thanks,

Tracy Dahl
Technical Specialist - Renewable Energy
NABCEP certified PV installer
Polar Field Services
polarsolar@hughes.net
www.polarpower.org

303-518-8713

From: Gintautas, Peter [mailto:Peter.Gintautas@state.co.us]
Sent: Monday, February 07, 2011 5:01 PM
To: Tracy Dahl; Amy Dahl
Cc: Holland, Dave
Subject: Product used during rehabilitation of the Dahl water well

Fred Baros indicated that he used a product manufactured by Cote(y?) as part of his cleanup of the well prior to bailing and prior to the pumping of the well last week. Can you provide me with identity of the product. My interpretation of the conversation with Fred and a phone message lead me to believe it was

“Liquid Acid Descaler” manufactured by Cotey Chemical Corp. of Lubbock, TX.

Also how much of this product (or other product) was added to the well as part of the rehabilitation and when was it added and how much water was bailed from the well and when as part of the rehabilitation.

Peter Gintautas, Ph.D.

Environmental Protection Specialist, SE Colorado
Colorado Oil and Gas Conservation Commission

719-846-3091

719-679-1326 (cell)

colorado.gov/cogcc

peter.gintautas@state.co.us

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