

Goering, Darlene, NMENV

From: Goering, Darlene, NMENV **Sent:** Tue 7/19/2005 11:18 AM
To: Don Hickmott
Cc:
Subject: RE: CDV-16-2(i) redrill
Attachments:

Don,

This sounds fine with us. Just make sure the bentonite ~800 feet of bentonite is well hydrated.

Thanks.

From: Don Hickmott [mailto:dhickmott@lanl.gov]
Sent: Tue 7/19/2005 8:56 AM
To: Goering, Darlene, NMENV; Cobrain, Dave, NMENV
Cc: lwoodworth@doeal.gov; twhitacre@doeal.gov; broxton@lanl.gov; meverett@lanl.gov; jheikoop@lanl.gov
Subject: CDV-16-2(i) redrill

Darlene and Dave, I wanted to let you know the status of the CDV-16-2(i) redrill. Kleinfelder (DOE drilling contractor) has made very good progress on the redrill of the CDV-16-2(i) well. They have TDed the borehole in less than a week. The current depth of the borehole is 872 ft. The LANL geophysics and downhole camera were run yesterday. The geophysics indicates a good conductive zone at ~ 850 to 860 ft. The camera didn't show anything unusual (such as the water flowing in from the borehole walls as was seen in the original well) . The static water level in the borehole is 837 ft (80 gal. were bailed out yesterday and the well 'recharged' to within 0.5 ft of the static within 15 minutes). Based on this information several of us (Tom W., Mike K., Dave B. and Dave V. , Woody, Mark E.) met this AM and came up with the following proposed well design: bentonite pellets (972-867 ft); sand pack (867-860 ft), screen (860-850 ft), sand pack (850-840 ft); bentonite to near surface and a 75' concrete/bentonite plug at the surface. After installing the initial bentonite, we'll let the well sit to make sure the water level remains fairly constant.

If you have any questions you can contact me or Tom - Tom is probably the better choice for technical rationale or details.

I was very sorry to hear about John - give him my best.

Thx Don



6555