

**Young, John, NMENV**

**From:** Dave Vaniman [dvaniman@lanl.gov] **Sent:** Fri 8/26/2005 4:51 PM  
**To:** Young, John, NMENV; laramide@netzero.net  
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**Subject:** R-24 preliminary well design  
**Attachments:** R24.pdf(78KB)

John:

Here's the PDF image for preliminary well design at R-24. I checked the G- and GR-series wells to the north; the basalts in those are an older unit, at somewhat greater depth, that is not likely to be related to the lavas in R-24. The lavas in R-24 may be related to the Miocene lavas in R-5 to the southeast, where elevation at the top of the uppermost lava is 5940 ft, about 100 ft higher than the top at R-24 (~5850 ft elevation). This would be consistent with a shallow westward dip. Of course, we don't yet know if these are related, but petrography may help.

Final well design will be tuned up tomorrow; as agreed, if there are any significant changes we will let you know.

regards,  
Dave Vaniman

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LANL TA-10 [Bayo Canyon, Ground Water]



# PRELIMINARY well design

