

Monday Too-Too-Nein

3-2-09

Dean:

Got a call from Bill Hurst this morning, told him I'd have a copy of our depth readings in your mailbox by 3 PM. As I explained to him, there was an unusual anomaly in '95. In June, my next-door neighbor's well silted up, so they pulled the pump, cleaned it, and put it back down. It silted up, again. So they drilled down. Two weeks later, our Madrone well silted up. Considering the costs of drilling a new well, I crossed my fingers and decided to install a new pump and motor, but raise it up 8 feet from the old depth. So far, that pump has been in continuous service since '95!


Trying to make sense of what happened, my best guess is that the massive amount of rain that year caused two things to happen 1) A torrent of silt flow and 2) An earthquake in early June (as I recall) that probably caused new fractures. That would also explain the unusual level drop that fall, as water flowed to fill in the new fractures. Anyhow, that's my guess.

At the bottom-right of the chart, I've drawn a short red dash that shows the equivalent low of '91, so we've got ways to go before we get there, again.

I also told Bill that during that drought, instead of the water depth dropping about 4 ft. during pumping, and hanging tough, it would drop almost to zero after 20 minutes! So, I shortened the pump cycle, and we made it through the drought, that way.

I'd like to take this opportunity to take you up on your offer to act as a backup, in case I can't take care of an emergency. I'd like to show you our setup, and get your feedback as to what documentation you think would be necessary. We're willing to pay you for your time to do this. I'm always a little nervous that an emergency may come up when I'm on vacation, and it would be reassuring to know you're available, just in case. I hasten to add that since I rebuilt the system, everything has been going smoothly. It seemed that our old, rusty, decrepit system had my phone ringing off the hook. But, those experiences were extremely valuable in telling me how to design the new system.

Looking forward to hearing from you,



Gene Terry

3-5-09 Copy to Hurst from Dean

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MADRONE Well, Gene Terry

NOTE: 100% TO THE BOTTOM 40' TO 50'  
WATER DEPT. (FEET)

MADRONE WATER ASSOC.

