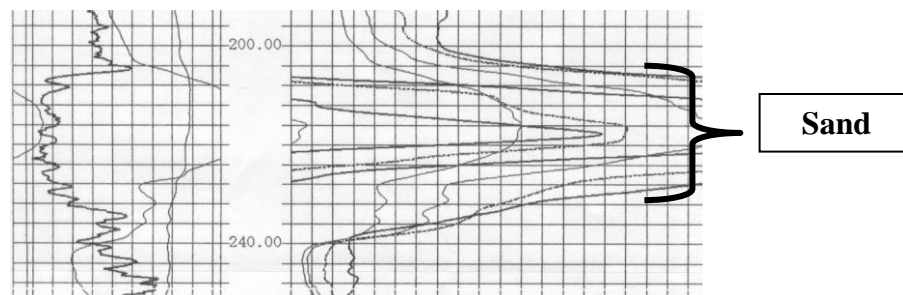


Wellsite Services for Public Water Supply Wells

Wellsite services for public water supply wells are an important and required but often over looked part of a system’s groundwater exploration program. As in petroleum exploration tests, the importance of a properly prepared geologic log of an exploration borehole for a public supply well can be the difference between a “dry hole” and a successful completion of a productive well. Properly prepared, geologic logs add to the information obtained from electric logs and can provide crucial information that makes or breaks a decision to set a well in a particular sand, see below.

OAI has 160 hours of formal “mudlogging” training and has been geologically logging well borings since 1979. To date, OAI has logged 33,000+ feet of water wells in a variety of geologic settings.

Dry hole or future supply well? It’s your call.



Geophysical Log (e-log)*

(*used with permission)

Question: As the decision-maker, would you have considered the 28-foot thick sand shown on this e-log a potential source of supply for your water system?

Field observations recorded by OAI on this borehole’s geologic log along with OAI’s recommendations based on the field data were key in completing this “dry hole” as a new public supply well. The well tested out at 1,050+ gpm and was permitted for 700 gpm in 2002. Its water was judged the 2nd Best Tasting Water in the State at the ARWA’s 2005 Conference.