



The hole is 20' 8" deep. The culvert is 20' long. The barrel is a 55 gallon plastic barrel for recharge.



The galvanized can is pinned and locked onto the culvert. The culvert is inserted into the top of the barrel. The barrel has 4" of concrete and rock in the bottom for protection, and is set in sand (nylon felt covers holes). The hole was backfilled with 10' of rock above the 55 gallon barrel, and then with sand, dirt and then clay.



The hole is sealed with 2' of clay I dug from deep in the hole. I put it on top to keep the surface water out.



The left photo is the finished well. The right photo is of my inspectors. They were always inspecting.



This is the warning attached to the top of the can.

I plan on making a lid from 18" diameter - 1/4" thick well casing; to replace the can when it rusts. I figure that the well will get better (more water) with time, considering global warming and how the springs used to be in this area. The hole was a "mud wrestle" even in this dry year.