## Water Well by Finn Home Inspectors

Most water wells are deep drilled wells (75 to 400+ feet deep). These wells have pumps that are in the bottom of the well, see figures below.

Some wells are shallow, and their pumps are generally visible in a basement or well pump shed.

In both cases the pumps move water into a well water accumulation tank which stores it under pressure. As you draw water for use the compressed air in the tank pushes the water to the faucet you are using. When the pressure in the tank drops to a preset level the pump will turn on and fill the tank again.

A water logged tank will short cycle, turning on and off in seconds, you will hear the pressure switch click if near the tank and you may see the water at the faucet pulsating. If short cycling the tank needs replacement.

Drawings from Carson/Dunlop

