



YOUR NEW WATER WELL

Thank you for choosing Clouser Drilling as your well contractor. We pride ourselves on high quality workmanship for your long-term water system investment. To protect this investment and safeguard the health of your household, it's vital that proper hookup, usage, and maintenance is performed. Below are our recommendations:

System Hookup & Pump Installation

Use a professional

We always recommend customers have a licensed pump professional install their well pump system. We work with high-quality pump partners and can recommend as necessary.



Ensure best install practices are being followed:

- ✓ The well pump is set at the correct depth and properly sized for well production.
- ✓ During initial start-up, restrict water flow for at least 30 minutes. Wide open startups can cause sloughing, drawing of sediment, or other issues. This is particularly important with filter packed wells.



Maintain access to the well head for service/ repairs.

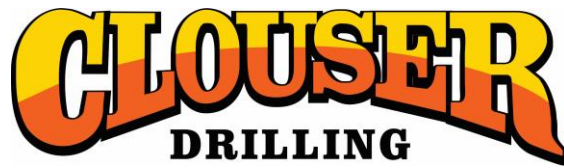
We recommend an unobstructed path to the well head with a small, easily removable structure over the well itself. The pump equipment (such as the control box and pressure tank) can be located in a nearby structure or pump house, not closer than 10ft from the well head. This allows future servicing of the pump or access with a drilling rig if needed.



New Well Considerations

- ✓ Some new wells will pump color directly after installation. Run the well with a garden hose until the water clears, some wells may take several days.
- ✓ Get your water quality tested. The well should be run for a minimum of 4 hours before taking the first water sample. Samples should be taken at a clean spigot, at the well head or pressure tank.
- ✓ Iron is a common problem in Southern Oregon, identified by its orangish brown color. Often, iron in your well is more of a nuisance due to poor taste and buildup in the home or water system than a health risk. Frequent exercising of the well (pumping) and shock chlorination help to alleviate difficulties with Iron.





Well Usage

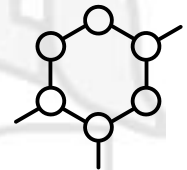
- Usage of an exempt use well must abide by state laws. See ORS 537.545 and OAR 690-340-0010 for allowable uses. Wells outside of “exempt use” parameters require a water right.
- Do not over pump the well. Continuous over-pumping of a well can cause irreversible damage to the well and aquifer. This could include sloughing of bore, plugging of well screens, or depletion of well production. Usage within the performance of the well is vital.
- Be a responsible steward of the resource. Even with a good producing well, responsible usage of groundwater resources benefits yourself and your community.



Well Maintenance

Well Chlorination

We recommend well chlorination once per year as a disinfection method for both your well and water system. Best practices can be found at: <https://wellwater.oregonstate.edu/well-water/bacteria/shock-chlorination>



Water Quality Testing

Every 3-5 years, submit water samples to a certified water laboratory for water quality testing. For customers in poor water quality areas, it may be more frequent. Water Chemistry can change over time, minerals such as iron can appear in well water, where not present before.



Well Head Inspection

- DO NOT store hazardous materials (such as fuels, pesticides, etc.) near the well head. Keep animal holdings/waste away from the well. Entry of contaminants may compromise your well and local aquifers.
- Periodically check the well cap to ensure a tight fit and uncompromised seal. **DO NOT REMOVE BOLTS ON WELL SEAL** with no “pit-less adaptor”. Well seal bottom and pump will likely fall in well if bolts are removed.
- Check the condition and height of the well casing. Construction standards require casing height to be a minimum of 12” above ground surface. Changes to the grade around well should not violate this rule. Height should remain well above any potential surface water levels.

