

# Welcome

## To Water Well Ownership

CARING  
FOR YOUR  
WELL IS  
CARING FOR  
YOUR FAMILY



Well Co



and jwater



# You own a water well, now what?

Our hope is that this booklet will help you understand the basics of owning a water well and what is needed to maintain it properly. It will help you with common terminology, tips, schedules, and even discounts for future service needs. See the inside back cover for a helpful maintenance log.



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# Benefits of Owning a Water Well

**D**id you know that there are over 400k water wells in Indiana? As a homeowner, it's helpful to know the benefits of owning a water well, and we have listed some below.

## **Independent of the Municipality**

A water well on your property gives you the freedom to determine how your well is maintained. While you will have to fix your water well if it experiences issues, you won't ever have to feel like you have no control over your own water source. A municipal water source is easy and convenient for town and city dwellers. However, if something goes wrong, everyone who depends on that source faces issues.

## **Inexpensive to Maintain**

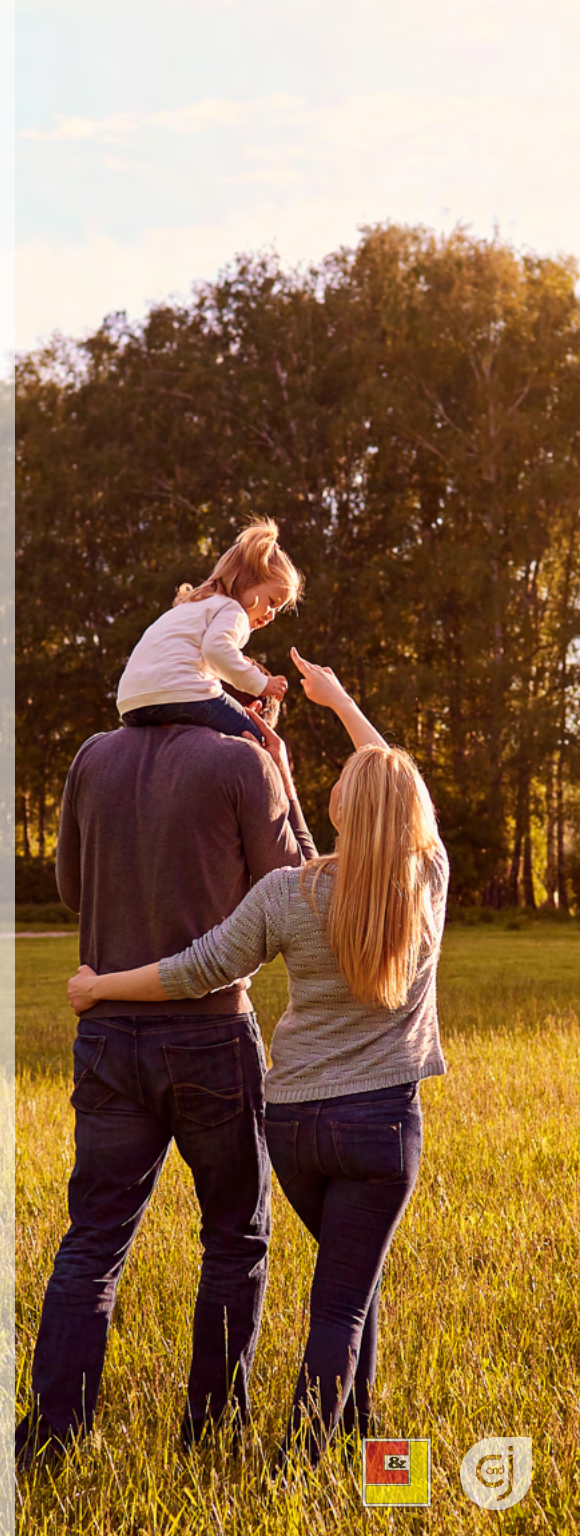
With preventative maintenance wells can last for decades without any major issues. While initial installation, periodic repair, and regular maintenance carry their own costs, a water well more than pays for itself in its perpetual supply of water. You aren't stuck with hefty monthly water bills or fees to the city for rights to their water. You simply pump the water right from your well into your home—free of charge.

## **Invariable Water Pressure**

Grundfos constant pressure systems actually adapt to fluctuations in home water pressure, and automatically adjust your well pump so that water pressure remains constant. For example, you can take a shower and run a load of laundry at the same time without losing water pressure at either point. The sensors in constant pressure systems are also surprisingly accurate, adjusting to the slightest variations in water pressure in your home. This means much less fluctuation in felt water pressure and fewer pump startups and stops. This reduces wear-and-tear on well components and conserves electricity.

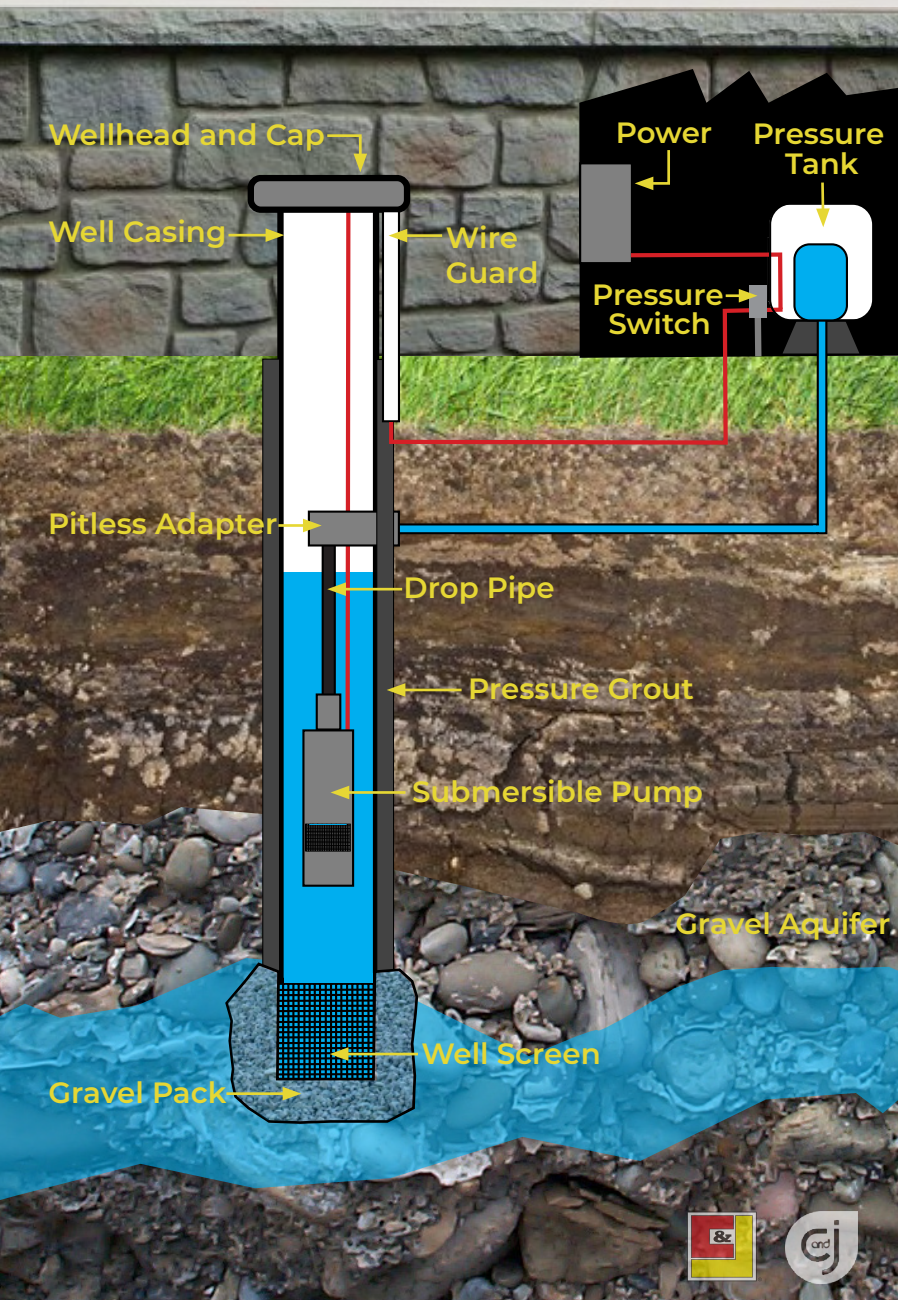
## **Impeccable Quality and Taste**

With the proper treatment equipment from C and J Water—such as water softeners and reverse osmosis—well water has a better quality and taste than city water. Due to the treatment that municipal water receives, it often tastes like chlorine or other chemicals.





# Anatomy of a Water Well



## Wellhead and Cap

C&J uses a modernized, bug-proof cap at the top of a wellhead. A secure cap fits over the wellhead to keep out debris and protect the electrical wiring that powers the pump.

## Well Casing

The length of pipe itself is called a casing. This long pipe is made of durable PVC, which doesn't corrode like metal casings that used to be standard decades ago. Water rises into the casing up to the pump, which then transports the water into your home.

## Well Pump

The pump is the most important component of the entire system. The submersible well pump uses electricity to draw water from an underground aquifer and send it through plumbing pipes to fixtures in and around your home. **C&J uses top quality pumps and backs them with a 10 year warranty. Learn more on page 8.**

## Well Screen

When we create a sand and gravel well, in order to prevent corrosion C&J uses the best stainless-steel well screen available. Just like the filter in your coffee pot, this screen filters out tiny bits of debris from your water source.

## Gravel Pack

The stainless-steel well screen is nestled in between #4 quartz gravel. This gravel acts as a filter to keep sand from the aquifer from migrating into the stainless-steel screen, and your system.

## Pitless Adapter

The primary function of the pitless adapter is to provide a junction for the drop pipe in the well to connect to the water line running to the house. This allows the wellhead to be extended above ground and grants easy access for well maintenance and service.

## Pressure Tank

The pressure tank maintains the water pressure in the household and more importantly, protects the life of the well pump. It is stored in a crawlspace, garage, basement, or mechanical room.

## Pressure Grout

The bentonite slurry is pumped into the annular space between the wall of the bore hole and the casing. C&J does this per state code in order to protect the well aquifer from contaminants.







## Well Care and Maintenance

**P**reventative maintenance helps give you the peace of mind that everything is working properly. The primary, and most important kind of maintenance is a WELL CLEANING every seven years. During a well cleaning, we remove your submersible pump out of the well, lower a high-output air line into the well, and airlift years of built-up sediment and gunk through the top of the well. This freshens up your old well and redevelops the well screen so you get improved water flow and quality.

### Recommended Service Schedule

- Yearly 6-Point Inspections (see page 5)
- Well and residential plumbing chlorination in year 1 and year 5
- Well cleaning and chlorination in year 10



# Well Cleanout

# 6-Point Inspection

**B**y properly maintaining your water well, you are keeping it healthy, while minimizing the possibility of losing access to your water. When it comes to your water source, it's important to have regular check ups. C&J's 6-POINT INSPECTION is thorough and effective in making sure everything is working as intended.



## 1. Bacteria Testing

Technicians take a water sample from your kitchen sink. This sample is sent to an independent testing laboratory and the results are sent to you. If they are unsatisfactory, we have many solutions to treat your water.

## 2. Flow Evaluation

During the flow evaluation, we evaluate the quality and quantity of the debris in your water. This is a great way to determine if there are other, more serious issues.

## 3. Switch Analysis

Your pressure switch works with the pressure tank to regulate pressure and operate the pump. We inspect the switch contacts and wiring to ensure everything is safe and working.

## 4. Piping Exam

This is an examination for leaks in your water lines. We make sure your well system piping is able to hold the necessary pressure to provide water to your home.

## 5. Pressure Tank Check

A properly working well-pressure tank preserves the life of your well pump and pressure switch. We make sure it will build and hold the correct pressure, ensuring long life for your well pump.

## 6. Pump Amps Test

Your submersible well pump is the "heart" of your well system. We read the amps to make sure your pump motor is in good working condition.



# Importance Of Water Treatment

**W**ell water has the ability to filter naturally, but it's still important to get it tested and treated for bacteria and other chemicals that may be present. Well water contains many natural minerals, but too much of certain minerals can be hazardous to your health. Getting your well water tested regularly by a certified water specialist will help identify typical water problems like bad taste, bad odor, and excessive iron. C and J Water can test your water and help you choose from a wide selection of softeners and filters to meet your specific water treatment needs.

**See Page 8 for Information on a Free Water Analysis**

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# Treatment Equipment and Solutions

**R.O. Unit-** Reverse osmosis is designed for water consumption, ideal for drinking and cooking. It removes dissolved solids and chemicals that water softeners don't remove.

**AIO Systems-** If added to existing water softeners, this unit will remove iron or odor that the softener media could not.

**U.V. Light-** U.V. lights are used to neutralize undesired pathogens such as e. coli, coliform, cryptosporidium, giardia, etc.

**Twin Tank Softener-** The twin tank has the advantage of regenerating with soft water, giving you soft water 24 hours a day, and a longer-lasting water softener.

**Single Tank Water Softener-** The single tank water softener is the ideal solution for city water applications and can also be effective on certain well water situations.

**Softener/Dechlorinator Combo-** This unit removes chlorine and extends the life of your softener while removing harmful irritants.

**Sediment Filter-** A replacement cartridge used to remove large particles from the water supply and protect treatment equipment for your whole house.

**Sand Filter-** A sand filter uses centrifugal force via the well pump cycle (GPM) to settle out larger particles and can be drained out of the separator chamber periodically.

MEMBER





# Service and Care



## C&J Well Co. Lifetime Warranty

We give a **Lifetime Warranty** on every Grundfos pump we install. Grundfos submersible pumps offer high efficiency, high resistance to sand and other abrasives and easy maintenance. Grundfos pumps are made of stainless steel, increasing the life and performance of the pump.

## C&J Well Co. Services

- **6-Point Inspection**
- **Well Cleanout**
- **City Water Connect**
- **Well Drilling**
- **Geothermal Drilling**
- **Well Pump Service**

## C&J Well Co. Contact Info

**Phone:** 317-852-WELL(9355)

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**Main Office:** 8 East Main St. Brownsburg, IN 46112

**Zionsville Office:** 5470 W 96th St. Zionsville, IN 46077

**Mailing Address:** P.O. Box 747, Brownsburg, IN 46112

**Website:** cj4water.com



## C and J Water Free Water Analysis

Does your water have a smelly odor, leave rust marks or have a bad taste? Do you have hard water? These are just a few reasons to have your water tested. Your family deserves high quality water and we're happy to help you with a **Free Water Analysis**.

## C and J Water Services

- **5-Point Inspection**
- **Free Water Analysis**
- **Water Softeners**
- **Reverse Osmosis**
- **Chlorine Removal**
- **Ultra Violet Disinfection**

## C and J Water Contact Info

**Phone:** 317-733-SOFT(7638)

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**Mailing Address:** P.O. Box 747, Brownsburg, IN 46112

**Website:** candjwater.com





## WELL MAINTENANCE LOG

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## SPECIAL C&J DISCOUNTS

**\$100 Off 6-Pt.  
Well Inspection  
317-852-WELL**

 **C&J Well Co**  
Drilling • Pump Service • Treatment



**\$150 Off Water Treatment**  
**5-Pt. Inspection**  
**317-733-SOFT**  
  
COMPONENTS • S.O.F.T. • TREATMENT



**50% Off Diagnostic  
Service Call  
317-852-WELL**

 **C&J Well Co**  
Drilling • Pump Service • Treatment



10% Off any water  
treatment equipment  
**317-733-SOFT**  




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