

ARNOLD DRILLING & PUMP, Inc. has been in business since 1963. We are licensed and bonded to drill domestic and commercial water wells and to install pumping systems. We work hard to keep our good reputation and the trust of our customers.

OUR OFFICE is located on Center Loop, off of Highway 65 North, approximately 8 miles North of Harrison, Arkansas. The owners and operators of the business are Johnny Arnold and Joshua Arnold, son and grandson of the founder, Bill Arnold.

THANK YOU FOR CONTACTING US!

Payment Policy

All accounts are due at completion, or within 15 days after work is completed or sale is made. All past due accounts will be charged the going percentage rate of A.P.R. finance charges after 15 days (up to 10%). All accounts 15 days past due are turned over for collection, unless other arrangements have been made through our business office.

WE DO NOT FINANCE.

WE DO ACCEPT: CASH, CHECKS, ALL MAJOR CREDIT CARDS, AND PAYPAL.

Any water well construction involves the uncertainty of geological variables particular to each location. This brochure is presented as a general guide for an average well. It is not intended to cover all possible conditions. Since Arnold Drilling & Pump, Inc. constructs wells in these uncertain geological variables, Arnold Drilling & Pump, Inc. is not liable for any property damages due to geological faults or unforeseen geological problems.

ARNOLD DRILLING & PUMP, INC.



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It's Naturally Better!

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ARNOLD DRILLING & PUMP, INC.

DEPENDABLE
WATER WELL
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AND
PUMP SALES
AND SERVICE

(870) 426-5329



WATER!
It's our business!

Phone: 870-426-5329
Fax: 870-426-4641
email: info@arnoldwell.com
Website: arnoldwell.com

3576 Center Loop
Harrison, AR 72601

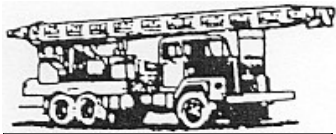
WHAT IS A WATER WELL?

WATER WELLS in the limestone and dolomite formations of North Central Arkansas and South Central Missouri generally consist of a few simple items, namely:

- 1) **CASING** – a pipe (6 inches diameter is common) which is installed from 1 foot above ground level to a suitable point into the solid bedrock so as to prevent surface water from entering the well.
- 2) **BORE HOLE** – the open hole through the casing and extending into the bedrock to a sufficient depth to obtain an adequate flow of ground water.
- 3) **AQUIFER** – the formation(s) of rock which contains water.
- 4) **WATER VOLUME** – the rate of flow at which water can be extracted from the aquifer(s).
- 5) **STATIC WATER LEVEL** – the height to which the water rises in the bore hole. (SEE WELL DIAGRAM ↪)

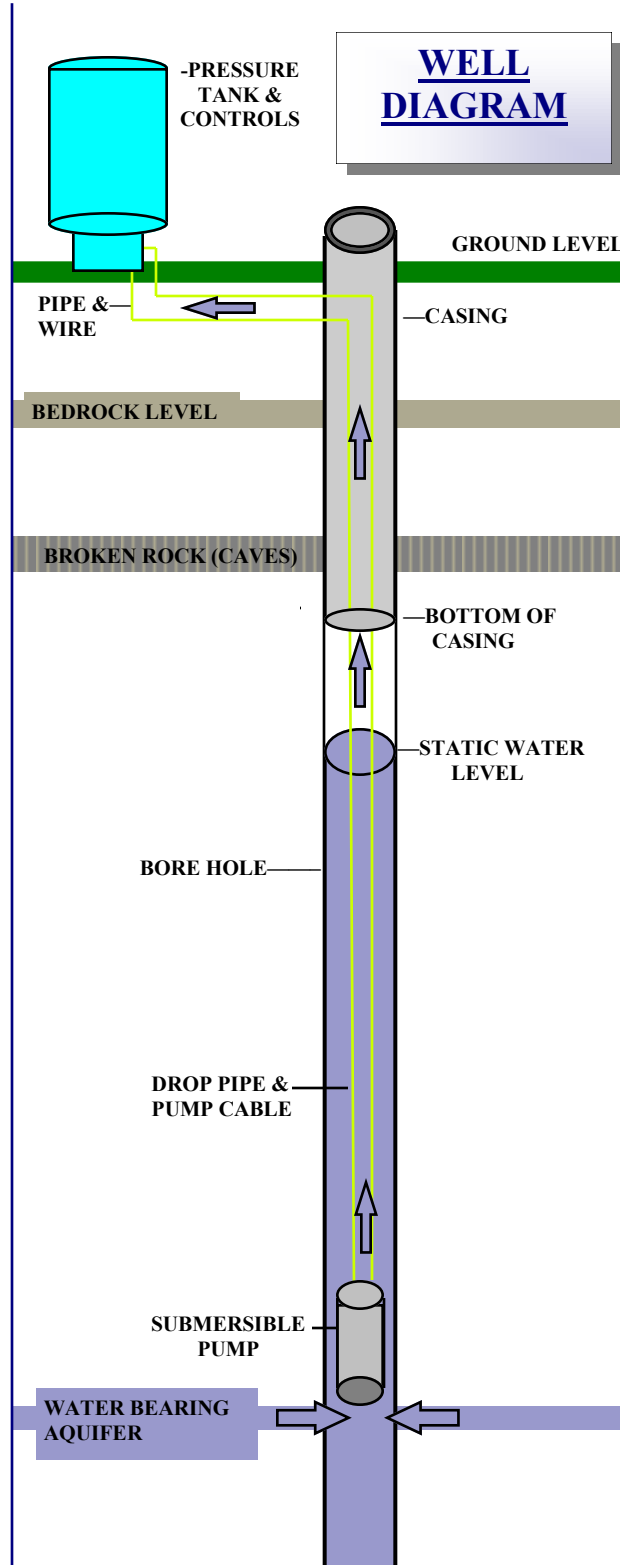
The depths of casing and bore hole can and do vary widely from area to area. Some wells require as little as 10 feet of casing or as much as several hundred feet. Bore hole depths can be as shallow as 30 feet or in excess of 1000 feet. Water volume also varies widely, from only a few gallons per hour to hundreds of gallons per minute.

Generally, the best way to estimate what your well will require is to ask your neighbors about their wells. Although your needs may be different from theirs, this will be very helpful to all of us in estimating what your well may be like. While there is, of course, no guarantee your well will be the same, it is usually a good indicator.



A Drilling Rig.

As you can see from the picture of a drill rig above, they are large and heavy. They are the approximate size of a semi tractor/trailer. This means that your well site has to be accessible to something of this size. Sometimes roads need to be improved or trees removed or trimmed. We will inspect your location and determine, with your help, the best site for your well before construction begins.



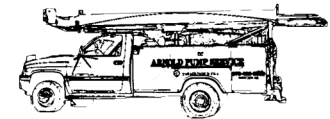
WELL DIAGRAM

WHAT IS A PUMPING SYSTEM?

The pumping system delivers the water from the well to your faucets. The system usually consists of: 1) **PUMP** – usually a submersible pump which is installed near the bottom of the well. 2) **DROP PIPE** – pipe which the pump is suspended on and which carries the water to the pressure tank. 3) **PRESSURE TANK** – the holding tank for the pumped water which keeps the water under pressure for delivery to the faucets. 4) **PUMP CONTROLS** – these operate the pump and regulate the water pressure. 5) **PUMP CABLE** – wire which carries electricity to the pump.

(SEE WELL DIAGRAM ↪)

The size of pump needed to deliver the water from your well will depend on the total depth of well, volume of water obtained, and static level of the water in your well. An accurate determination can be made after the well construction is completed.



A Pump Rig

The above truck is an example of the equipment used to install your pumping system. It includes a hoist unit able to handle the weight of the pump, drop pipe, and pump cable. After the pump is installed, our installers connect your pump to the desired location, placing pipe and wire in your ditch. We do not dig ditches; however, if notified in advance we can sub-contract the ditch-digging for you.