Replacement Needed

Magna Water District is excited to break ground on the development of a new replacement well. MWD pursued and secured $1.3 million in grant money from the Community Block Grant program to help pay for this new well which will replace our existing Haynes #8 well, originally constructed in the 1950s. The image below shows the original pump house that houses the existing well and well pump.

Due to its age and declining performance, the Haynes #8 Well has not been in active service for many years. Today, it stands adjacent to the location where the new replacement well is being drilled. Once construction is complete, a new pump and modern pump house will be built to support the new well, ensuring a dependable and efficient water supply for years to come.

New Well, New Possibilities

This replacement will provide the District with:

- Increased water source capacity to meet current and future demand.
- System redundancy, ensuring reliable service when other wells require maintenance or experience unexpected problems.
- Greater operational reliability through modern, efficient equipment.
- Advanced monitoring and safety systems

In turn, this provides our customers with:

- Peace of mind with a more secure, safe, and dependable water supply.
- Capacity to support future growth and development within Magna and the surrounding District boundaries.

Current Schedule

We strive to keep our customers informed on what is occurring throughout the District. This new well will take some time to be completed. During this time, we will strive to minimize disruptions to nearby residents and businesses. Below is the current schedule.

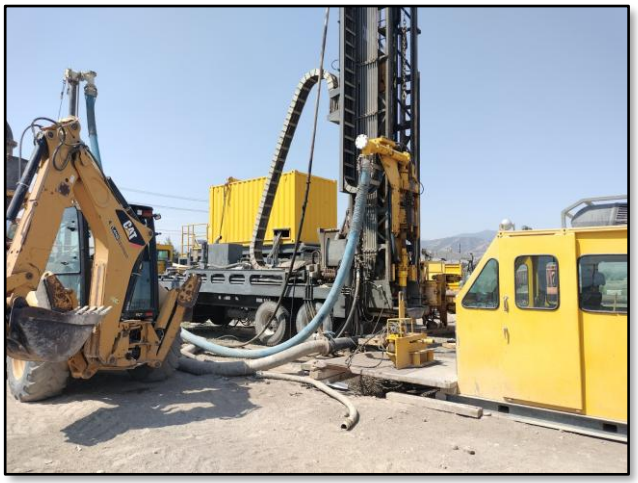
Phase 1 – Well Drilling
The drilling and well structure are estimated to be completed by the Fall of this year.

Phase 2 - Pump House
The finished well and well pump house are estimated to be complete by the Fall of 2027.

Well Drilling and Progress

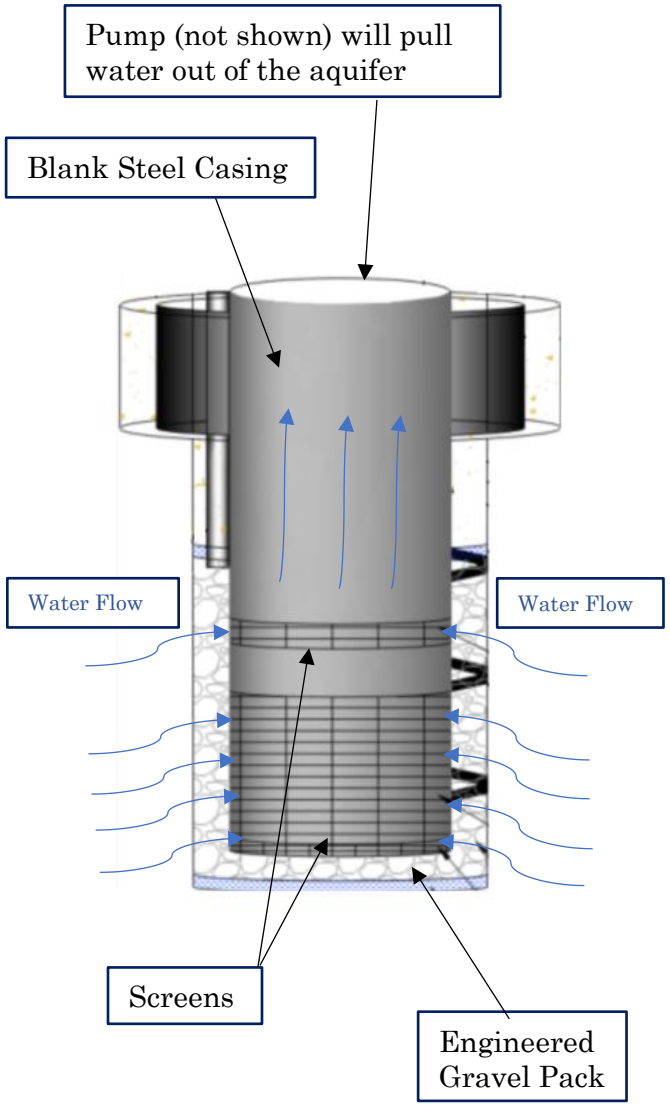
As of July 9th, 2026, the pilot hole for the well has been completed. This hole is used to determine the final design of the well and analyze the soil and water below it. This was done using the equipment in the images below.

The first image shows the pilot hole with an excavator and side view of the drilling rig that was used. The drilling rig uses drilling pipe with a drill head at the end. The next step is to drill a larger hole to install the casing and screens for the well.



Well Anatomy

Wells over the years have changed greatly in efficiency and quality. Modern day wells are made up of multiple components from pumps, casings, and more. Below shows an example of a modern well and what important components make up their design.



Protecting Water Quality

Water quality and public safety remain our highest priority.

Before the well is placed into service it will undergo:

- ☑ Comprehensive water quality testing
- ☑ State regulatory review and approval
- ☑ Disinfection and flushing procedures
- ☑ Performance testing to verify reliable operation

The well will not provide drinking water until it meets all applicable drinking water standards.

Thank you!

We appreciate the support and patience while this important infrastructure project is completed. Your cooperation ensures a dependable water supply for our community for years to come. If you have any questions or concerns, please call our office at…

(801) 250-2118.

Sincerely,

MAGNA WATER DISTRICT

Summer 2026

Haynes Well #8 Replacement Project

Securing Tomorrow's Water Today

MAGNA WATER DISTRICT