WELL DRILLERS — GUIDE

Well pump types and replacement questions

Use the well record and a diagnosis before buying a replacement pump.

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Describe the symptom

Tell the service contractor whether there is no water, low pressure, cycling, noise or sediment. State whether the problem affects all taps or only part of the property. Note recent repairs, power interruptions and changes in demand. Ask for a diagnosis before authorising a new pump.

The Water Systems Council provides a well owner manual covering system components, maintenance and contractor selection. Use it to identify the equipment you already have. Keep the old model plate or a clear photograph for the service visit.

Understand the proposed type

Ask whether the system uses an above-ground jet pump or a submersible pump in the well. Have the installer explain the choice using the well's water level, pumping conditions and intended demand. Do not choose from total borehole depth alone. Ask whether storage or pressure equipment also needs attention.

Request the proposed model, duty point and reason for its selection. Ask whether existing controls, cable, pipe and pressure tank are suitable. Have the contractor explain how the pump and well yield fit household and farm use. These are questions for the installer, not sizing instructions.

Compare replacement scopes

Ask for separate lines for fault finding, pump removal, equipment, controls, labour, testing and disposal. Record what the quote excludes. Ask what happens if damaged pipe or cable is found while pulling the pump. Confirm warranty terms in writing and who handles a service call.

Confirm qualifications and completion

TDLR's Texas program says a licence is required to install a pump for a water-related well. Check the rules and licence for your own jurisdiction. Do not assume a plumbing credential covers all well work.

EPA says to test after replacing or repairing any part of the well system. Arrange sampling with the laboratory and contractor. Keep the final model, settings, invoice and test report with the well record. Do not open electrical controls, pull a pump or enter a well yourself.

Sources

- Water Systems Council, Water Well Help. Fetched 2026-11-10.
- US EPA, Protect Your Home's Water. Fetched 2026-11-10.
- Texas Department of Licensing and Regulation, Water Well Drillers and Pump Installers. Fetched 2026-11-10.

Frequently asked questions

Does this replace local advice?

No. Confirm the work with the responsible agency and a qualified contractor.