

Well Pressure Tank Relocation Worksheet

Use this worksheet to document an existing private-well pressure system before asking a qualified well professional, plumber, electrician, or local authority to review a proposed relocation. It is a homeowner record, not an inspection, permit, code document, or pressure-vessel test.

Water-quality boundary

This worksheet cannot test water, diagnose contamination, or establish that private-well water is safe to drink. If contamination or unsafe water is suspected, stop the relocation review. Do not open the well or alter the well/plumbing to investigate. Contact the local health or environmental department and a qualified well professional for testing and any disinfection plan; use a state-certified drinking-water laboratory and follow the applicable retesting guidance. [CDC testing guidance](https://www.cdc.gov/drinking-water/safety/guidelines-for-testing-well-water.html) [CDC treatment guidance](https://www.cdc.gov/drinking-water/safety/guidelines-for-treating-well-water.html)

- ☐ No water-quality concern is known, but this record does not certify potable-water safety.
- ☐ Water quality is suspected to be unsafe or contaminated - stop and obtain local health-authority or qualified well-professional testing and disinfection guidance.

Proposed decision

- Current tank location: _____ - Proposed location: _____
_____ - Main reason for the move: _____
_____ - Current decision: potentially feasible review before moving stop - Date recorded: _____

1. Tank identity and visible condition

Record information from the outside of the tank only. Do not remove covers, loosen fittings, remove an air-valve cap, or work on a pressurized tank.

Item	Record
Manufacturer	_____
Model / series	_____
Serial / date code	_____
Tank type if known (diaphragm, bladder, plain steel, other)	_____
Maximum working pressure shown	_____
Maximum temperature or use shown	_____
Connection size/orientation	_____
Visible corrosion, bulging, dampness, or leak	no yes - describe: _____
Current base/support condition	_____

Stop: Do not add air or attempt to move a tank that is corroded, damaged, leaking, unlabelled, or still pressurized. Amtrol warns against adding pressure when there is air loss, visible exterior corrosion, or reduced cycle time/precharge. Use the exact manual for the identified tank.

2. Pump and control arrangement

Item	Record without opening equipment
Pump type	submersible jet booster constant-pressure/VFD unknown
Pump location	_____
Pump make/model/horsepower, if known	_____
Control type	pressure switch transducer/electronic VFD/controller unknown
Control location	_____
Control label/model, if visible	_____
Gauge location	_____
Normal low gauge reading	_____ psi, observed on: _____
Normal high gauge reading	_____ psi, observed on: _____
Approximate pump run time	_____ seconds/minutes, at: _____
Rapid cycling or unusual behavior	no yes - describe: _____

Do not open an energized control box, test live wiring, open the well, pull a pump, or adjust switch settings. If a setting is not visible from the outside, leave it for the qualified professional.

3. Route and elevation record

Sketch the flow path: pump/well side -> tank tee/control -> house distribution. Mark exposed sections, valves, filters, check valves, and penetrations.

Route item	Current route	Proposed route
Pipe material	_____	_____
Nominal size if known	_____	_____
Approximate straight length	_____ ft	_____ ft
Major fittings/filters/check valves	_____	_____
Vertical change from pump-side connection to tank	_____ ft	_____ ft
Highest important demand above tank	_____ ft	_____ ft
Any smaller pipe than existing pump-to-tank line?	no yes unknown	no yes unknown
Exposed or potentially freezing section	_____	_____

Elevation screen

Approximate static elevation effect:

`vertical feet x 0.433 psi/foot = approximate psi effect`

- Proposed vertical difference: _____ ft - Approximate effect: _____ psi

This is only a screening calculation. Pump capacity, pipe friction, fittings, filters, pressure settings, and the actual well conditions still require professional review. The Michigan Water Well Manual treats total dynamic head as elevation head + friction head loss + pressure head.

4. New-room suitability

Check what is true today, then note what must be changed.

- ☐ Covered and reliably protected from freezing
- ☐ Dry, with no history of flooding or standing water
- ☐ Firm, level, fully supported base appropriate to the tank model
- ☐ Tank will not rub against walls or other hard surfaces
- ☐ Gauge, tank label, relief valve, drain, unions, and shutoffs remain serviceable
- ☐ Leak path is controlled with a suitable pan/drain arrangement where required
- ☐ Relief discharge will not spray onto electrical equipment or finished areas
- ☐ Electrical controls remain dry, accessible, and reviewable
- ☐ Enough access remains to service or replace the tank
- ☐ Remaining line between home and pump/well has a freeze plan

Items that must be corrected: _____

5. Stop conditions

Stop the relocation plan and arrange qualified review if any box is checked:

- ☐ Tank is corroded, damaged, leaking, bulging, or unlabelled.
- ☐ Tank, fitting, or connected pipe is pressurized and would need to be disconnected.
- ☐ Proposed room can freeze, flood, or damage electrical equipment.
- ☐ Incoming or outgoing line remains exposed to freezing with no reviewed protection plan.
- ☐ Pressure switch/control is remote, electronic, variable-speed, or not understood.
- ☐ Route is smaller, longer, higher, or more complex without a hydraulic check.
- ☐ Work would require opening energized controls, testing live wiring, opening the well, pulling a pump, or entering a confined space.
- ☐ Water may be contaminated or unsafe, or potable-water safety has not been established by appropriate testing.
- ☐ Local plumbing, electrical, well, or permit requirements are unknown.

6. Questions for the professional

1. Is this tank safe and appropriate to move, or should it be replaced?
2. Does the proposed tank location preserve the manufacturer's approved use and pressure limits?
3. Should the pressure switch, transducer, controller, gauge, relief valve, drain, and tank tee move together?
4. Does the proposed route maintain pipe size and acceptable friction/elevation performance?
5. What exact precharge and control settings apply after safe isolation and depressurization?
6. What is the actual remaining freeze point after relocation?

7. How will leaks and relief discharge be contained and drained?

8. If water quality is in question, which certified-lab tests and local disinfection or retesting guidance apply?

9. What local plumbing, electrical, well, health, permit, and inspection requirements apply?

10. What service clearance and access should be preserved?

Professional/company: _____

Contact: _____ Date: _____

Notes: _____
