

Pro-Tech Inspections - Well Testing Report



Inspector Information

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Client Information

Client:	Mike Macgregor	Client Phone:	(864) 979-2102
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DISCLAIMER: The inspector has been requested to perform the above visual, non-invasive inspection. The inspector nor any affiliates will be held responsible for damages to the well components resulting from normal test procedures. Individual authorizing the inspection (and current owner, if different) agrees to hold the inspector and his/her firm harmless against claims for any such damages by the property and well owner. All testing is designed to test the soundness of the well and evaluate peak use limits solely for informational purposes on and at the date/time of inspection.. It is not an indication of short or long-term well reliability. Results will change over time.

External Equipment

Well Type:	Drilled	Permit #	Not Known
Well Obstructions:	None	Well Depth:	100-500 ft
Height of Casting Above Ground: (inches)	6-12"	Well Cap Type:	Secured/Bolted
Distance of Well Cap from Home: (feet)	~ 150 ft	Casing Type:	PVC
Age of Well (if known)	Not Known		

Internal Equipment

Pump Manufacturer:	Not Visible	HP Rating:	Undetermined
Tank Brand:	HydroPro	Tank Model:	V-140
PSI Setting:	60	Condition:	Good (Like New)
Water Conditioning Equipment Present:	Yes	Wire Type/Size:	12-2 w/ ground
Pressure Switch:	Present	Pressure Gauge:	Visible
Constant Pressure System:	No		

Pressure Observations

PSI - Low Reading:	50	PSI - High Reading	67
Seconds to High Reading:	102.76	Seconds to Low Reading:	45.8

Pro-Tech Inspections - Well Testing Report - Page 2

Yield Testing			
Start Time: Test 1	Seconds to Fill 5 Gallon Bucket	Total Gallons	Flow per Min
12:00 PM	47.84	5	6.271
Start Time: Test 2	Seconds to Fill 5 Gallon Bucket	Total Gallons	Flow per Min
12:15 PM	38.92	118	7.708
Start Time: Test 3	Seconds to Fill 5 Gallon Bucket	Total Gallons	Flow per Min
12:30 PM	41.02	235	7.314
Start Time: Test 4	Seconds to Fill 5 Gallon Bucket	Total Gallons	Flow per Min
12:45 PM	44.01	354	6.817
Start Time: Test 5	Seconds to Fill 5 Gallon Bucket	Total Gallons	Flow per Min
1:00 AM	42.49	479	7.06
Well Yield Calculations			
Total Gallons during Test	Well Yield (gpm avg)	Cycle Time	Gallons per day (est)
484	7.034	N/A	10,128.96
Well Inspection Results			
External Equipment	Inspector Comments	Passing Notes Passes when (1) the well is drilled (or bored/encased); (2) the well is fully accessible without obstruction; (3) the casing (steel or PVC) extends at least 6 inches above ground level; (4) the cap is secured, sealed and contamination resistant (all bolts in place and tightened).	
Pass		Passes when (1) The amp reading taken on the (submersible or jet) pump is < 10 while running; (2) the pump is functional for the full yield test period of 60-90 minutes, (3) Pressure Tank is in Good, Fair, or Poor condition based on inspector observation of performance and appearance; (4) the Pressure Gauge is intact and moves with water use, within the manufacturer's specifications (which are on the tank);(5) the Control Box (if present) is intact and functional.	
Pass		Passes when the full cycle is completed between 30 seconds and 420 seconds. The cycle begins at the lowest pressure reading with the 'click' that signals the pump to start, the pressure gauge rises to its highest level, and then 'clicks' to shut the pump off, with the pressure level slowly decreasing as water is used. The full cycle ends when a click is heard to start the pump again, beginning a new cycle. Note: the larger the tank, the longer the cycle; the higher the gallons per minute of water being pumped, the shorter the cycle.	
Pass			

Pro-Tech Inspections - Well Testing Report - Page 3

Well Inspection Results (cont'd)

Passes by producing a minimum/consistent 1 gallon per minute (even if the flow is reduced during the test period) after the extraction of more than 350 gallons of water in total. This indicates the amount of water re-entering the well after an outflow of water as measured is adequate for a family of 4-6, considering reserves and peak usage. An average person uses between 75 - 100 gallons in the kitchen, bath and laundry per day.

Pass

Comments, Additional Notes/Summary: (if needed)

<https://drive.google.com/drive/folders/101HqR8nS3KFPvDbSURbKIZdXZsYFn-oe?usp=sharing>