Ray's Well Testing Service Inc.
4853 Vine Hill Rd, Sebastopol Ca 95472
Phone 707 823 3191 **Fax** 707 317 0057 **Lic#** 903708

CUSTOMER INFORMATION

REPORT #: 7167-1	DATE OF TEST: 4/8/15
CUSTOMER NAME: Torgeson Trust	CONTACT: Linda Faunce
AGENT NAME: Doug Swanson - Pacific Union	CONTACT: 707 291 4400
PROPERTY ADDRESS: 7620 Tarwater Rd, Santa Rosa Ca 95404	SENT TO: doug@srealproperty.com

WELL DATA

LOCATION OF WELL:	Inside pump house next to rental house
TYPE OF WELL:	Drilled
DEPTH OF COMPLETED WELL:	Probe stopped at 58 Feet
DIAMETER OF WELL CASING:	8 -5/8" O.D. Steel
SANITARY WELL SEAL (PLATE SEAL AT OPENING OF WELL CASING):	No
ANNULAR SEAL (IN-GROUND SEAL OF BOREHOLE):	Unknown - Please Refer to well log
PUMP HP AND TYPE:	1/2 HP 230V Submersible
DEPTH OF PUMP SUCTION:	Measured pump suction at 45 Feet. 1" Tee at well head.

WATER PRODUCTION RESULTS

WATER LEVEL AT START (STATIC LEVEL):	26.8 Feet	FLOW RATE AT START:	10 GPM
FINAL PUMPING LEVEL:	45 Feet	FINAL FLOW RATE:	**3.4 GPM**
WATER LEVEL DRAWDOWN:	18.2 Feet	TOTAL LENGTH OF TEST:	2 Hours

CONSTANT PUMPING LEVEL INFORMATION

STABILIZED PUMPING LEVEL:	45 Feet	STABILIZED FLOW RATE (YIELD):	**3.4 GPM**
DURATION OF CONSTANT PUMPING LEVEL:	1 Hour 50 Minutes	TOTAL YIELD:	374 Gallons

WATER SYSTEM INSPECTION

WELL PUMP	Functional	TECHNICAL INFO: 10.4 GPM @ 45 PSI @ 27', 5.4 amps, control box dated 2010
ELECTRICAL	See Recommendations	TECHNICAL INFO: Breaker on wall outside of rental house
PRESSURE TANK	Functional	TECHNICAL INFO: Flo Tec FP7110T Bladder tank, 20 psi air charge
STORAGE TANK	See Comments	TECHNICAL INFO: See Comments
BOOSTER PUMP	None	TECHNICAL INFO:

WATER QUALITY TESTING

THE FOLLOWING SAMPLES ARE BEING ANALYZED. PLEASE REFER TO FOLLOW-UP REPORT FOR RESULTS.		
See previous testing dated 6/7/13	DATED: -	TURNAROUND: -
	DATED:	TURNAROUND:
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	DATED:	TURNAROUND:

SEE NEXT PAGE FOR FURTHER INFORMATION...

DATE: 4/8/15

ADDRESS: 7620 Tarwater Rd, Santa Rosa Ca 95404

COMMENTS:
1. The recharge rate at the end of the test was 3.4 gallons per minute. This test may not represent the long term or seasonal yield. Note
that we pumped approximately 70 gallons from the well prior to the water level reaching suction, which represents storage in the casing.
2. The water had a yellow tint for the first 30 minutes of the test and was visibly clear the remainder.
3. The well pump pressurizes the FP7110T pressure tank. The operating pressure is set 25 to 45 psi. The well provides water to the
rental house directly and it fills the 2500 gallon poly tank along the driveway.
4. The 2500 gallon poly tank along the driveway serves the neighboring property at 7625 Tarwater Rd.
5. There is a plumbing loop located near the garage. It appears a water treatment system may have been removed.
6. There is a garden hose connection that allows the well to serve the main house or the spring to serve the rental house in emergency.
RECOMMENDATIONS:
1. When we checked the water level in the well, I heard casing material scaling off the walls of the casing. This may be an indication
of corrosion of the steel well casing. The pressure tank is installed right over the top of the well head, therefore I was unable to
hoist the well seal and visibly inspect the condition of the inside of the steel well casing. Depending on the condition of the casing,
it may be recommended to install a PVC liner to prolong the useful life of the well. We recommend relocating the pressure tank
to make the system more serviceable.
2. The well seal is a dated split style well seal that is designed for a jet pump. Recommend replacement with a modern solid style seal.
3. There are various wires at the control box, well head, and pressure switch that are not protected with conduit. Recommend installing
conduit to protect wiring. The breaker for the well is an indoor breaker located on the exterior wall of the house. Recommend
replacement with an exterior panel. The metallic conduit that runs from this panel to the well surfaces and is rusting out. Recommend
running a buried conduit to replace the old feed.
4. The well pump is not protected from dry running. Recommend installation of a Pumpsaver device to protect the pump.
5. Refer to previous water quality tests for water treatment recommendations.

Thank you for allowing us to do your well inspection!

APPROVED BY: NICK BRASESCO

Water levels and well depth are measured as feet below top of well casing unless otherwise noted.

All wells and springs are subject to seasonal and yearly changes in regards to water yield, production and quality. Wells may be influenced by creeks or other water sources and are likely to yield less water during dry months of the year; typically August, September, & October. We make no predictions of future water production or water quality.

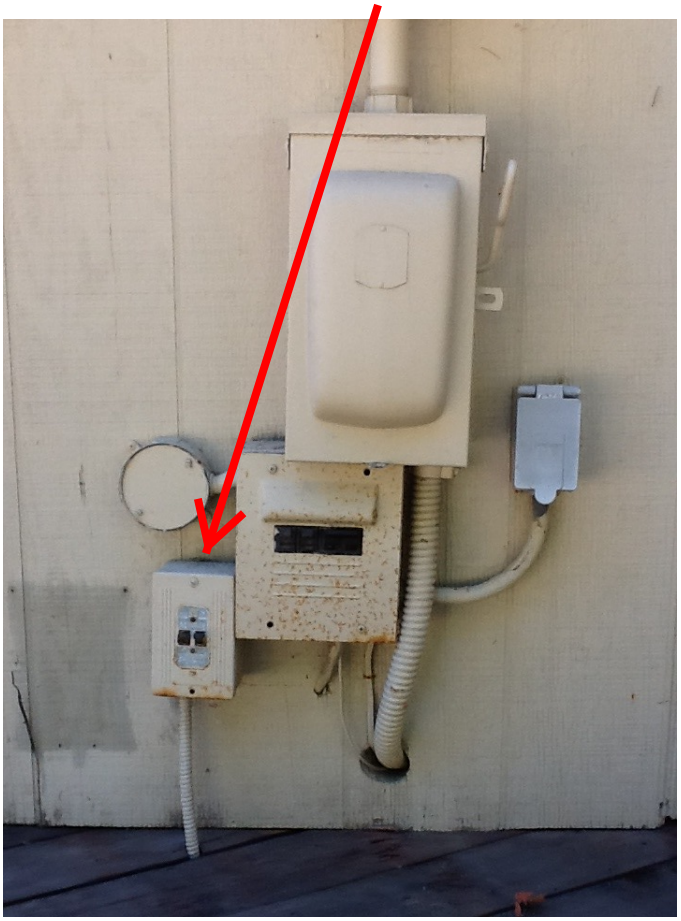
This report is for informational use only and is in lieu of and supercedes any other representation or statements of the agent or employee of the company, and all other such representations or statements shall be relied upon at the customer's own risk. The data and conclusions provided herein are based upon the best information available to the company using standard and accepted practices of the water well drilling industry. However, conditions in water wells are subject to dramatic changes in short periods of time. Therefore, the data and conclusions are valid only as of the date of the test and should not be relied upon to predict either the future quantity or quality the well will produce. The company makes no warranties either expressed or implied as to future water production and expressly disclaims and excludes any liability for consequential or incidental damages arising out of the breach of any expressed or implied warranty of future water production or out of any further use of the report by the customer.

Well Head

Pressure Tank

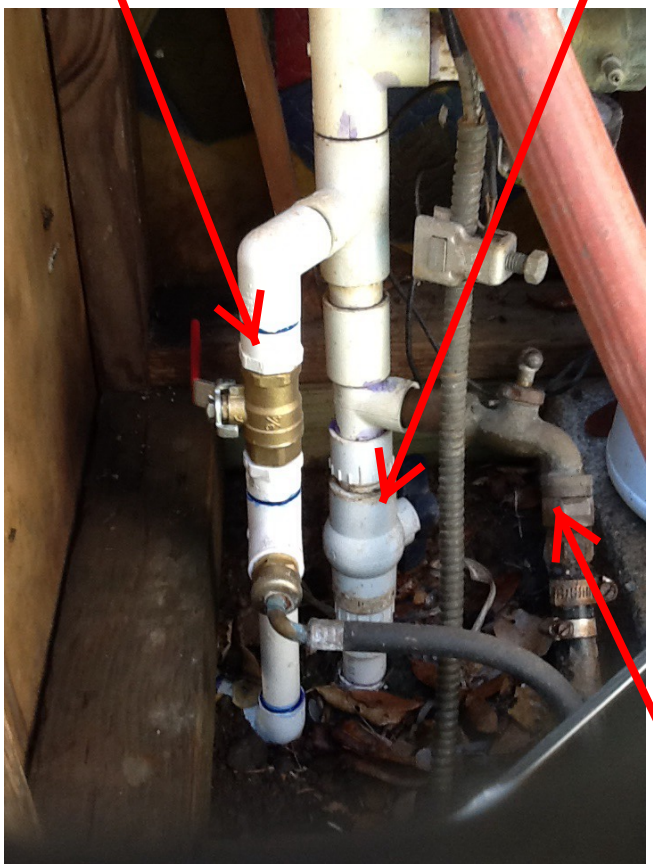
Control Box

Breaker for Well



Rental house shut off

Tank Fill shut off



Plumbing loop for house

2500 Gallon Storage tank
for 7625 Tarwater

Hose connection from well to main house