

**Ray's Well Testing Service**

Well Report # 3371

**12421 Bodega Highway, Sebastopol CA****Phone 707 823 3191 Fax 707 317 0057 Lic # 903708****CUSTOMER INFORMATION**

<b>Customer Name:</b> Travis Rowe	<b>Date:</b> 7-29-09
<b>C/O: Doug Swanson</b> - Pacific Union Real Estate of Santa Rosa	<b>Phone:</b> 707 569 1830
<b>Subject Property:</b> 3607 Wallace Rd, Santa Rosa Ca 95404	<b>Fax:</b>
<b>Well Location:</b> Behind garage wall.	<b>Sent to:</b> <a href="mailto:doug.swanson@pacunion.com">doug.swanson@pacunion.com</a>

**WELL DATA****(PLEASE USE SOURCE CODES BELOW)**

<b>Drilled Well [X]</b>	<b>Hand Dug [ ]</b>	<b>Spring [ ]</b>			
DEPTH OF COMPLETED WELL:	Probe Stopped at 124 Feet	<b>MDT [X]</b>	<b>CR [ ]</b>	<b>OR [ ]</b>	<b>NM [ ]</b>
DIAMETER OF WELL CASING:	8 Inch Steel	<b>MDT [X]</b>	<b>CR [ ]</b>	<b>OR [ ]</b>	<b>NM [ ]</b>
DEPTH OF PERFORATION:		<b>MDT [ ]</b>	<b>CR [ ]</b>	<b>OR [ ]</b>	<b>NM [X]</b>
TYPE OF PERFORATION:		<b>MDT [ ]</b>	<b>CR [ ]</b>	<b>OR [ ]</b>	<b>NM [X]</b>
PUMP HP AND TYPE:	1 HP 230 V Deep Well Jet – Goulds V1759	<b>MDT [X]</b>	<b>CR [ ]</b>	<b>OR [ ]</b>	<b>NM [ ]</b>
DEPTH OF PUMP SUCTION:		<b>MDT [ ]</b>	<b>CR [ ]</b>	<b>OR [ ]</b>	<b>NM [X]</b>

\*SOURCE CODES: MDT= Measured During Testing CR= Company Records OR= Owner Records NM= Not Measured, requires additional information beyond scope of report. Depth & Water levels are measured as feet below surface.

<b>WELL TEST</b>	<b>DATE OF TEST</b> 7-29-09
WATER LEVEL AT START:	21 feet 1 inches
DRAW DOWN:	17 feet 11 inches
MAX. PUMP DISCHARGE:	11 ¾ GPM
FINAL PUMPING LEVEL:	39 feet 0 inches
TOTAL PUMPING DURATION:	2 hours 0 minutes
FINAL PUMPING RATE:	<b>4 . 4 GPM</b>

**MEASURED PRODUCTION TEST**

TOTAL PRODUCTION:	608 Gallons	PUMP BROKE SUCTION DURING TEST? <b>Yes [ ] No [X]</b>
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**CONSTANT PUMPING LEVEL**

FINAL YIELD RATE:	<b>4 . 4 GPM</b>	PUMPING DURATION AT FINAL YIELD: 1 Hr 42 Min.
TOTAL YIELD:	448 gallons	

**WATER QUALITY ANALYSIS (IF PERFORMED IN CONJUNCTION WITH THIS REPORT)**

<b>TESTED FOR:</b>			
BACTERIA – COLIFORM & E.COLI	<b>Sampled [X]</b>	<b>Dated</b> 7-29-09	<b>Not sampled in testing [ ]</b>
ARSENIC	<b>Sampled [X]</b>	<b>Dated</b> 7-29-09	<b>Not sampled in testing [ ]</b>
BASIC MINERALS	<b>Sampled [X]</b>	<b>Dated</b> 7-29-09	<b>Not sampled in testing [ ]</b>

**WATER SYSTEM INSPECTION**

WELL PUMP	<b>Functional [X]</b>	<b>Deficient [ ]</b>	<b>Not Observed [ ]</b>
ELECTRICAL	<b>Functional [X]</b>	<b>Deficient [ ]</b>	<b>Not Observed [ ]</b>
PRESSURE TANK	WX-251 <b>Functional [X]</b>	<b>Deficient [ ]</b>	<b>Not Observed [ ]</b>
STORAGE TANK	<b>Functional [ ]</b>	<b>Deficient [ ]</b>	<b>Does Not Apply [X]</b>
BOOSTER PUMP	<b>Functional [ ]</b>	<b>Deficient [ ]</b>	<b>Does Not Apply [X]</b>

**COMMENTS:**

(Please see next page for comments)

**Dated** 7-29-09 **Inspected By** Nick Brasesco

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.

**Date:** 7-29-09  
**Address:** 3607 Wallace Rd, Santa Rosa Ca 95404

<b>COMMENTS:</b>
1. The water pumped cloudy for 20 minutes, then visibly clear for the remainder
2. Well discharged minimal amount of sand.
3. The system operating pressure range is set 40 psi to 60 psi.
4. Well Pump Performance – Maximum Discharge Rate: 11 ¾ GPM @ 15 psi, water level at 30'
Maximum Shutoff Pressure: 65 psi, water level at 30'
Draw: 6.7 amps at open discharge
Well pump motor bearings are noisy, probably due to wear. Pump is otherwise functional.
5. The well pump shut off switch is labeled in the breaker panel at the corner of the house.
6. Water production was possibly limited by the capabilities of the well pump. Consider installing submersible well pump.
<b>RECOMMENDATIONS:</b>
1. There is a Calcite filter and Water Softener in the garage. Both units are unplugged from power and piping has been bypassed.
Recommend service or replacement. Water test results pending.

THANK YOU FOR ALLOWING ME TO DO YOUR WELL INSPECTION.

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.

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