



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 #: 11759-1 - By: Matt Owens | DATE OF TEST: 3/30/20 |
| CUSTOMER NAME: Anna J. Jensen | CONTACT: |
| AGENT NAME: Karl Bundesen - Century 21 | CONTACT: 707 769 9000 |
| PROPERTY ADDRESS: 3501 Middle Rd, Petaluma CA 94952 | SENT TO: karl.bundesen@bundesen.com |

WELL DATA

| | |
|--|--|
| LOCATION OF WELL: | Agricultural Well - Across creek from domestic well |
| TYPE OF WELL: | Hand Dug |
| DEPTH OF COMPLETED WELL: | 10 Feet |
| DIAMETER OF WELL CASING: | 4' 3" I.D. Brick Lined |
| SANITARY WELL SEAL (PLATE SEAL AT OPENING OF WELL CASING): | No |
| ANNULAR SEAL (IN-GROUND SEAL OF BOREHOLE): | No |
| PUMP HP AND TYPE: | 1.5 HP 230V Horizontal Jet, 1.25" Sch. 40 pipe, J15S |
| DEPTH OF PUMP SUCTION: | 9.8 Feet |

WATER PRODUCTION RESULTS

| | | | |
|--------------------------------------|----------|-----------------------|-----------------|
| WATER LEVEL AT START (STATIC LEVEL): | Artesian | FLOW RATE AT START: | 22.5 GPM |
| FINAL PUMPING LEVEL: | 9.8 Feet | FINAL FLOW RATE: | 0.92 GPM |
| WATER LEVEL DRAWDOWN: | 9.8 Feet | TOTAL LENGTH OF TEST: | 4 Hours |

CONSTANT PUMPING LEVEL INFORMATION

| | | | |
|-------------------------------------|--------------------|-------------------------------|-----------------|
| STABILIZED PUMPING LEVEL: | 9.8 Feet | STABILIZED FLOW RATE (YIELD): | 0.92 GPM |
| DURATION OF CONSTANT PUMPING LEVEL: | 2 Hours 44 Minutes | TOTAL YIELD: | 150.1 gallons |

WATER SYSTEM INSPECTION

| | | |
|---------------|--------------|---|
| WELL PUMP | Functional | TECHNICAL INFO: 20 GPM @ 25 PSI @ 6.3', 10 amps |
| ELECTRICAL | Functional | TECHNICAL INFO: 15 amp breaker in sub panel near well |
| PRESSURE TANK | See Comments | TECHNICAL INFO: 120 gallon galvanized tank, No air volume control |
| STORAGE TANK | None | TECHNICAL INFO: |
| BOOSTER PUMP | None | TECHNICAL INFO: |

WATER QUALITY TESTING

| | | |
|---|--------|-------------|
| THE FOLLOWING SAMPLES ARE BEING ANALYZED. PLEASE REFER TO FOLLOW-UP REPORT FOR RESULTS. | | |
| Customer declined analysis | DATED: | TURNAROUND: |
| | DATED: | TURNAROUND: |
| | DATED: | TURNAROUND: |
| | DATED: | TURNAROUND: |

SEE NEXT PAGE FOR FURTHER INFORMATION...

DATE: 3/30/20

ADDRESS: 3501 Middle Rd, Petaluma CA 94952

COMMENTS:

1. The recharge rate at the end of the test was 0.92 gallon per minute. This test may not represent the long term or seasonal yield.
2. The water was discolored orange for the first 30 minutes of the test, had a yellow tint for the next 30 minutes, and was visibly clear for the remainder of the test.
3. The water was sediment and odor free for the duration of the test.
4. The well pump pressurizes the 120 gallon galvanized pressure tank. The operating pressure range is set 60 to 80 PSI. This system pressurizes water for agricultural use only. The power to the well pump was found off and left off on the day of the inspection.

RECOMMENDATIONS:

1. The well is covered with a dated wood cover. Recommend installation of a steel plate cover to prevent a safety hazard.
2. The galvanized pressure tank was waterlogged on the day of the inspection. This type of tank requires periodic manual draining to maintain the appropriate air to water ratio or the tank can be upgraded to a modern diaphragm tank to reduce maintenance.
3. The well pump is not protected from dry running. Recommend installation of a level switch to protect the pump from dry running.
4. There is not a pressure relief valve installed on the system. Recommend installation of a pressure relief valve.
5. There is exposed romex wire from the sub panel to the well pump. Recommend installation of conduits to protect wires.

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



Interior View of Well Casing



Well Pump



Electrical Sub Panel



Pressure Tank



Main Shut Off Valve

