



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 #: 10074 - By: Cody Monday	DATE OF TEST: 4/23/18
CUSTOMER NAME:	CONTACT:
AGENT NAME: Mary Haufler - Sotheby's International Realty	CONTACT: 707 328 3868
PROPERTY ADDRESS: 18750 Fitzpatrick Ln, Occidental CA 95465	SENT TO: Maryhaufler@gmail.com

WELL DATA

LOCATION OF WELL:	Top of driveway on left side
TYPE OF WELL:	Drilled
DEPTH OF COMPLETED WELL:	Probe stopped in the casing at 98 feet.
DIAMETER OF WELL CASING:	5" PVC
SANITARY WELL SEAL (PLATE SEAL AT OPENING OF WELL CASING):	Yes
ANNULAR SEAL (IN-GROUND SEAL OF BOREHOLE):	Unknown - Please Refer to well log
PUMP HP AND TYPE:	1 HP 230V Submersible
DEPTH OF PUMP SUCTION:	Probe stopped in drop pipe at 60 feet. 1.25" Tee. #12-4 Sub Cable.

WATER PRODUCTION RESULTS

WATER LEVEL AT START (STATIC LEVEL):	15.3 Feet	FLOW RATE AT START:	25.1 GPM
FINAL PUMPING LEVEL:	25.1 Feet	FINAL FLOW RATE:	19.5 GPM
WATER LEVEL DRAWDOWN:	9.8 Feet	TOTAL LENGTH OF TEST:	2 Hours

CONSTANT PUMPING LEVEL INFORMATION

STABILIZED PUMPING LEVEL:	25.1 Feet	STABILIZED FLOW RATE (YIELD):	19.5 GPM
DURATION OF CONSTANT PUMPING LEVEL:	1 Hour	TOTAL YIELD:	1,170 Gallons

WATER SYSTEM INSPECTION

WELL PUMP	Functional	TECHNICAL INFO: 20.7 GPM @ 60 PSI @ 15.3', 8.8 amps, control box dated 2014
ELECTRICAL	Functional	TECHNICAL INFO: 20 Amp 2-pole breaker, main panel located at well head
PRESSURE TANK	Functional	TECHNICAL INFO: 85 Gallon Hays #266, tank dated 1997, 30 PSI air charge
STORAGE TANK	See Comments	TECHNICAL INFO: 2,500 Gallon polyethylene - fire protection only
BOOSTER PUMP	None	TECHNICAL INFO:

WATER QUALITY TESTING

THE FOLLOWING SAMPLES ARE BEING ANALYZED. PLEASE REFER TO FOLLOW-UP REPORT FOR RESULTS.		
Basic Residential Panel	DATED: 4/21/18	TURNAROUND: Standard
	DATED:	TURNAROUND:
	DATED:	TURNAROUND:
	DATED:	TURNAROUND:

SEE NEXT PAGE FOR FURTHER INFORMATION...

DATE: 4/23/18

ADDRESS: 18750 Fitzpatrick Ln, Occidental CA 95465

COMMENTS:
1. The recharge rate at the end of the test was 19.5 gallons per minute. This test may not represent the long term or seasonal yield. Other wells on this ridge are known for extremes in seasonal variance. Production may be much less after prolonged use or during dry season.
2. The water was visibly clear, odorless and without sediment.
3. The 1 HP 230V submersible well pump pressurizes an 85 gallon Hays #266 pressure tank. The operating pressure is set 35 to 50 PSI.
4. The well pump pressure system supplies the house and irrigation hose bibs.
5. There is a 2,500 gallon polyethylene storage tank for fire protection only. The tank was empty at the time of the test.
RECOMMENDATIONS:
1. The water is draining back down the drop pipe. This could be a result of a failed check valve, hole in drop pipe or a cracked coupling. Recommend pulling pump for further diagnosis and repair.
2. The fire protection tank is empty, recommend filling tank and checking for leaks.
3. Water test results and possible follow up recommendations pending.

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



Main Shut-off



Main Panel



Fire Protection Tank

