



CERTIFICATION OF WATER YIELD IN WATER SCARCE AREAS

WLS-010

Permit Sonoma shall be notified 24 hours in advance of this test

Water Yield Number WEL22-0425 Well Permit Number

- 1. Individual performing test: Cody Monday
2. Type of license/registration, number and expiration date: C61/D21 #903708 Exp 9/30/23
3. Location of well: End of dirt road near fence line
4. Address: 3210 W. Dry Creek Rd, Healdsburg CA 95448 APN: 090-140-038
5. Type and model of test pump: 1.5 HP 230V Submersible
6. Test pump setting depth: Unknown
7. Maximum reported yield for this pump type at this setting: 17.7 GPM
8. Type of discharge measurement method: Meter/S.Watch/Bucket
9. Type and model of flow meter (or provide an accurate description of weir or orifice plate): 5/8" Master Meter

10. Geographic coordinates (Plane Coordinate Method or distance from fixed landmarks): N 38 deg 38.538' W 122 deg 55.296'

11. Estimated elevation of well head: 397 Feet

12. Initial static water level (include measuring points such as top of casing, surface seal, access port): 102 Feet
Measured from top of casing. Top of casing is 18 " above grade.

13. Date & time of initial static water level measurement: 10 / 5 / 22 7:05 AM

- a. Discharge Rate: 17.7 GPM
b. Dynamic Water Level: 382 Feet
c. Specific Capacity: 0.025
d. Pump Test duration: 13 Hours 5 Minutes

14. Immediately after the test take the following measurements:
a. Dynamic water level: 382 Feet
b. Final discharge rate: 6.5 GPM

15. Post - Test Measurement:
a. Dynamic water level: 382 Feet
b. Static water level: 102.8 Feet
c. Percentage of recovery of final static level: 99.71%

Testing performed by (signature): [Signature] Date: 10/5/22

Company Ray's Well Testing Service, Inc Phone Number: 707 823 3191

Specialist Date

Approved [ ] Denied [ ]

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**WELL PUMP TEST DATA RECORDATION**

ADDRESS: 3210 W. Dry Creek Rd, Healdsburg CA 95448 A.P.# 090-140-038

Date	Time	Interval	SWL	GPM	Water Color	Odor	Sand
10/5/22	7:05 AM	1 Min	102 Feet	17.7	Orange	No	No
10/5/22	7:06 AM	1 Min	115.8 Feet	17.5	"	"	"
10/5/22	7:07 AM	1 Min	128.1 Feet	17.3	"	"	"
10/5/22	7:08 AM	1 Min	136.7 Feet	17	"	"	"
10/5/22	7:09 AM	1 Min	145.8 Feet	16.9	"	"	"
10/5/22	7:10 AM	5 Mins	151.2 Feet	16.8	"	"	"
10/5/22	7:15 AM	5 Mins	197.5 Feet	16.5	"	"	"
10/5/22	7:20 AM	5 Mins	238 Feet	15.1	"	"	"
10/5/22	7:25 AM	5 Mins	261.8 Feet	13.8	Yellow Tint	No	No
10/5/22	7:30 AM	5 Mins	281.1 Feet	13.4	"	"	"
10/5/22	7:35 AM	5 Mins	300.8 Feet	13.1	"	"	"
10/5/22	7:40 AM	5 Mins	315.1 Feet	12.6	"	"	"
10/5/22	7:45 AM	5 Mins	329.8 Feet	12.3	"	"	"
10/5/22	7:50 AM	5 Mins	340.9 Feet	12	"	"	"
10/5/22	7:55 AM	5 Mins	351.8 Feet	12	"	"	"
10/5/22	8:00 AM	5 Mins	361.9 Feet	11.8	"	"	"
10/5/22	8:05 AM	5 Mins	372.7 Feet	11.8	"	"	"
10/5/22	8:10 AM	20 Mins	382 Feet	7	*Start 12 Hour Test*		
10/5/22	8:30 AM	20 Mins	382 Feet	7	"	"	"
10/5/22	8:50 AM	20 Mins	382 Feet	7	"	"	"
10/5/22	9:10 AM	30 Mins	382 Feet	7	"	"	"
10/5/22	9:40 AM	30 Mins	382 Feet	7	"	"	"
10/5/22	10:10 AM	30 Mins	382 Feet	7	"	"	"
10/5/22	10:40 AM	30 Mins	382 Feet	7	"	"	"
10/5/22	11:10 AM	30 Mins	382 Feet	7	Specific Capacity		
10/5/22	11:40 AM	30 Mins	382 Feet	7	Clear	No	No
10/5/22	12:10 PM	30 Mins	382 Feet	7	"	"	"
10/5/22	12:40 PM	30 Mins	382 Feet	6.5	"	"	"
10/5/22	1:10 PM	30 Mins	382 Feet	6.5	"	"	"
10/5/22	1:40 PM	30 Mins	382 Feet	6.5	"	"	"
10/5/22	2:10 PM	30 Mins	382 Feet	6.5	"	"	"
10/5/22	2:40 PM	30 Mins	382 Feet	6.5	"	"	"
10/5/22	3:10 PM	30 Mins	382 Feet	6.5	"	"	"
10/5/22	3:40 PM	30 Mins	382 Feet	6.5	"	"	"
10/5/22	4:10 PM	30 Mins	382 Feet	6.5	"	"	"
10/5/22	4:40 PM	30 Mins	382 Feet	6.5	"	"	"
10/5/22	5:10 PM	30 Mins	382 Feet	6.5	"	"	"
10/5/22	5:40 PM	30 Mins	382 Feet	6.5	"	"	"
10/5/22	6:10 PM	30 Mins	382 Feet	6.5	"	"	"
10/5/22	6:40 PM	30 Mins	382 Feet	6.5	"	"	"

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**WELL PUMP TEST DATA RECORDATION**

ADDRESS: 3210 W. Dry Creek Rd, Healdsburg CA 95448

A.P.# 090-140-038

Date	Time	Interval	SWL	GPM	Water Color	Sand	Odor
		1 Min					
		1 Min					
		1 Min					
		1 Min					
		1 Min					
		5 Mins					
		5 Mins					
		5 Mins					
		5 Mins					
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		5 Mins					
		5 Mins					
		20 Mins					
		20 Mins					
		20 Mins					
10/5/22	7:10 PM	30 Mins	382 Feet	6.5	Clear	No	No
10/5/22	7:40 PM	30 Mins	382 Feet	6.5	"	"	"
10/5/22	8:10 PM	30 Mins	382 Feet	6.5	End 12 Hour Test		
		30 Mins					
		30 Mins					
		30 Mins					
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		30 Mins					
		30 Mins					
10/7/22	6:45 AM	34 hrs 35 min	102.8 Feet	-	Recovery		

3210 W. Dry Creek Rd, Healdsburg CA 95448 A.P.# 090-140-038

**CALCULATION OF WELL RECOVERY**

**(Worksheet example taken from Permit Sonoma Number 9-2-28)**

1. Determine the water level draw down by subtracting the initial static water level measurement from the stabilized pumping level. Record this result as the well draw down.
2. Next determine the water level recovery by subtracting the post test (within 72 hours) static water level from the stabilized dynamic pumping level. Record this result as the well recovery.
3. Next determine the percent recovery of the well. Divide the water level recovery by the water level draw down and multiply by 100. Record this result as the percent well recovery.

Example:

a. Initial static water level:	(measured value)	<u>102 Feet</u>
b. Post test static water level*:	(measured value)	<u>102.8 Feet</u>
b.1. Time (hours) of measurement:	(within 72 hours)	<u>34 Hrs 35 Mins</u>
c. Stabilized pumping level**:	(measured value)	<u>382 Feet</u>
d. Draw down:	(calculate by subtracting A from C)	<u>280 Feet</u>
e. Recovery:	(calculate by subtracting B from C)	<u>279.2 Feet</u>
f. Percent recovery:	(calculate by dividing E by D and multiplying result by 100)	<u>99.71%</u>

Well percent recovery (F) must be 90% or greater within a 72 hour period.

\* The static water level after 72 hours or less post pump test.

\*\* Kleinfelder refers to this as the dynamic pumping level.

# Well Location Plot Map

3210 W Dry Creek Rd



3210 W Dry Creek Rd, Healdsburg Ca 95448  
A.P.# 090-140-038

### 326: Water Well/Spring Yield (1332844, Optional)

3210 W Dry Creek Rd, Healdsburg, CA 95448

[Reschedule](#)

[Cancel Inspection](#)

[Print](#)

## Status

## Details

### Scheduled

10/5/2022 8:00 AM

Estimated Arrival Time: 08:00 AM - 05:00 PM

Desired Date: TBD

### Record

WEL22-0425

Well Study

### Contact

7078233191

Nick Brasesco

7078233191

### Last updated

Nicholas Brasesco

10/3/2022 4:47 PM

## Related Inspections

Showing 0-0 of 0

ID	Inspection Name	Relationship	Status
No records found.			



**COUNTY OF SONOMA**  
**PERMIT AND RESOURCE MANAGEMENT DEPARTMENT**

2550 Ventura Avenue, Santa Rosa, CA 95403-2829  
(707) 565-1900 FAX (707) 565-1103

**Receipt for: WEL22-0425**

**Record Information**

Record Number	Record Name	Site Address	APN
WEL22-0425	Well Study WATER YIELD CERTIFICATION 1-2 connections 8- 12 hr test	3210 W Dry Creek Rd [HEA]	090-140-038

**Payment Information**

Receipt #	Date	Cashier	Method	Comment	Transaction Amount
615401	10/03/2022	Online	Credit Card		\$310.99

**Payor**

Alexandria Daniels

**Total Amount:** \$310.99

**Fee Information**

Description	Fee Item	Invoice#	Amount
Technology Enhancement	0140-000	455030	\$3.99
Well Yield Report	0396-000	455030	\$307.00
<b>Total Fee Amount:</b>			<u>\$310.99</u>