



COUNTY OF SONOMA
PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

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

CERTIFICATION OF WATER YIELD IN WATER SCARCE AREAS

The Permit and Resource Management Department shall be notified 24 hours in advance of this test

Well Permit # WEL05-010

I. Individual performing test: WILLIAM CRAIG / BILL RICHARDSON

II. Type of license/registration, number and expiration date: C-57 12-31-06

III. Location of well:
Address: 7170 BENNETT VALLEY RD A.P. #: 055-150-006

IV. Type and model of test pump: SUB 150-S-150-8 GRUNDFOS

V. Test pump setting depth: 336'

VI. Maximum reported yield for this pump type at this setting: 130 GPM

VII. Type of discharge measurement method: FLOWMETER

VIII. Type and model of flow meter (or provide an accurate description of weir or orifice plate):

2" ROCKWELL

Geographic coordinates (Plane Coordinate Method or distance from fixed landmarks): 38° 23.04 N 122° 36.00 W

IX. Estimated elevation of well head: 890'

X. Initial static water level (include measuring points such as top of casing, surface seal, access port): 88' AT TOP OF WELL CASING

XI. Date & time of initial static water level measurement: 9/27/05 12:30 a.m. (P.M.)

A. Discharge Rate: 50 GPM

B. Dynamic Water Level: 149.3

C. Specific Capacity: .82

D. Pump Test duration: 76 HRS ACTUAL RUN TIME 72 HRS. REQ.

XII. Immediately after the test take the following measurements:

A. Dynamic water level: 149.3

B. Final discharge rate: 50 GPM

XIII. Post - Test Measurement:

A. Dynamic water level: 90'

B. Static water level: 88'

C. Percentage of recovery of final static level: 98%

Testing performed by (signature): [Signature]

Date: 10-3-05

Company: LES PETERSEN DRILLING & PUMP INC Phone Number: 545-0246

Approved _____ Denied _____

Specialist _____

Date _____

Well Pump Test Data Recordation

Address:					
Date	Time	Interval	SWL	GPM	Comments
9-27-05	12:30 P	1 Min	88 FT	165	
		1 Min	90	165	
		1 Min	96	165	
		1 Min	103	165	
		1 Min	111.5	165	
	12:40	5 Mins	121.5	165	
	12:45	5 Mins	130	165	
	12:50	5 Mins	133.5	165	
	12:55	5 Mins	137	165	
	1:00	5 Mins	142	165	
	1:05	5 Mins	148.5	165	
	1:10	5 Mins	153	165	
	1:15	5 Mins	155	165	
	1:20	5 Mins	159	165	
		5 Mins			THROTTLED BACK TO 50 GPM
	1:30	5 Mins	149.3	50	
	1:35	5 Mins	149.3	50	
	1:55	20 Mins	149.3	50	
	2:15	20 Mins	149.3	50	
	2:35	20 Mins	149.3	50	
	3:05	30 Mins	149.3	50	
	3:35	30 Mins	149.3	50	
	4:05	30 Mins	149.3	50	
	4:35	30 Mins	149.3	50	
	5:05	30 Mins	149.3	50	
	5:35	30 Mins	149.3	50	
	6:05	30 Mins	149.3	50	
	6:35	30 Mins	149.3	50	
	7:05 P	30 Mins	149.3	50	
9-28-05	7:00 A	30 Mins	149.3	50	
	6:59 P	30 Mins	149.3	50	
9-29-05	7:00 A	30 Mins	149.3	50	
	7:00 P	30 Mins	149.3	50	
9-30-05	7:00 A	30 Mins	149.3	50	
	4:30 P	30 Mins	149.3	50	END OF TEST
		30 Mins			
		30 Mins			
		30 Mins			
		30 Mins			
		30 Mins			
10-3-05	8:30 A	72 Hrs	90 FT		