



United Pump Testing
 (559) 493-5773
 Pump Test Report

v.6.0 9/2014

Customer and Facility Data

Pump/Location:	.5mi E/O Trinity & S/O Mckinley/	HP:	20	Utility:	PG&E
GPS Coord.:	Long -120.1099	Lat	36.76394	Pump Make:	No Name Plate
Motor Make:	U.S.	Type:	Turbine	Meter Number:	1010094801
Customer Addr:	Paul Spolsdoff	Serial Number:	1023234	Voltage:	220
	1000 Rosewood Ave.	Amps:	50	Our Test #:	101421PC4
	Wasco, CA 93280				
Contact:	Paul Spolsdoff Jr.				
Phone:	(661) 203-6675	Fax:	(000) 000-0000	Cell:	(661) 204-4492

Test Results

Test Date: 10/14/2021 **Tester:** Pedro Castro Jr.

Run Number ('E' = used for cost anal): E-1

- 1. Pumping Water Level (ft): 0
- 2. Standing Water Level (ft): 109
- 3. Draw Down (ft):
- 4. Recovered Water Level (ft): 109
- 5. Discharge Pressure at Gauge (psi): 1
- 6. Total Lift (ft): 0
- 7. Flow Velocity (ft/sec): 1.8
- 8. Measured Flow Rate (gpm): 431
- 9. Customer Flow Rate (gpm): 0
- 10. Specific Capacity (gpm/ft draw):
- 11. Acre Feet per 24 Hr: 1.9
- Million Gallons per 24 Hr: 0.621
- 12. Cubic Feet per Second (cfs): 1.0
- 13. Horsepower Input to Motor: 28
- 14. Percent of Rated Motor Load (%): 123
- 15. Kilowatt Input to Motor: 21
- 16. Kilowatt Hours per acre-foot: 260
- 17. Cost to Pump an acre-foot: \$72.90
- 18. Energy Cost (\$/hour) \$5.78
- 19. Base Cost per Kwh: \$0.280
- 20. Nameplate rpm: 1,800
- 21. rpm at Gearhead: 0
- 22. Overall Pumping Efficiency (%): 0

If a Flow Velocity (line 7) is less than 1 ft/second, the accuracy of the test is suspect.

Note any major difference between the "Measured" flow rate and the "Customer's" (lines 8,9).

Remarks

All results are based on conditions during the time of the test. If these conditions vary from the normal operation of your pump, the results shown may not describe the pump's normal performance.

Unable to obtain water levels due to liner in well, not enough clearance.

Standing water level obtain through the discharge column pipe.

Well Depth 290(SA Camp)

OPE cannot be calculated, no estimate of potential savings from a retrofit available