

Myers Pump Testing
(209) 723-7007
Pump Test Report

BEFORE REPAIR TEST

v.5.3 5/4/2011

Customer and Facility Data

Pump/Location: AV - 1/13816 BISIGNANI HP: 40 Utility: PG&E
GPS Coord.: Long -120.7367 Lat 37.11794 Pump Make: NONE
Motor Make: NONE Type Well Meter Number: 855R17
Customer Addr: ALDO ENTREPRISES Serial Number: NONE
13816 BISIGNANI RD Voltage: 0 Amps: 0
LOS BANOS, CA 93635
Contact: ALDO SANSONI Our Test #:
Phone: (209) 826-4696 Fax: Cell:

Test Results

Test Date: 2/16/2012 Tester: Ron Myers

Run Number ('E' = used for cost anal): E-1
1. Pumping Water Level (ft): 67
2. Standing Water Level (ft): 11
3. Draw Down (ft): 56
4. Recovered Water Level (ft): 11
5. Discharge Pressure at Gauge (psi): 1
6. Total Lift (ft): 70
7. Flow Velocity (ft/sec): 1.3
8. Measured Flow Rate (gpm): 483
9. Customer Flow Rate (gpm): 0
10. Specific Capacity (gpm/ft draw): 8.6
11. Acre Feet per 24 Hr: 2.1
 Million Gallons per 24 Hr: 0.696
12. Cubic Feet per Second (cfs): 1.1
13. Horsepower Input to Motor: 33
14. Percent of Rated Motor Load (%): 75
15. Kilowatt Input to Motor: 25
16. Kilowatt Hours per acre-foot: 278
17. Cost to Pump an acre-foot: \$41.69
18. Energy Cost (\$/hour) \$3.71
19. Base Cost per Kwh: \$0.150
20. Nameplate rpm: 0
21. rpm at Gearhead: 0
22. Overall Pumping Efficiency (%): 26

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.

Standing water level based on 5 minutes recovery, well could still be recovering.

Current OPE is close to optimum - no savings estimated for a retrofit

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Customer and Facility Data

Pump/Location:	AV - 1/13816 BISIGNANI	HP:	40	Utility:	PG&E		
GPS Coord.:	Long -1273666	Lat	37.11794	Pump Make:	NONE		
Motor Make:	NONE	Type	Well	Meter Number:	855R17		
Customer Addr:	ALDO ENTREPRISES 13816 BISIGNANI RD LOS BANOS, CA 93635	Serial Number:	NONE	Voltage:	0	Amps:	0
Contact:	ALDO SANSONI	Our Test #:					
Phone:	(209) 826-4696	Fax:		Cell:			

Test Results

Test Date: 3/21/2012 Tester: Ron Myers

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

1. Pumping Water Level (ft):	61
2. Standing Water Level (ft):	13
3. Draw Down (ft):	48
4. Recovered Water Level (ft):	13
5. Discharge Pressure at Gauge (psi):	2
6. Total Lift (ft):	64
7. Flow Velocity (ft/sec):	4.7
8. Measured Flow Rate (gpm):	1,709
9. Customer Flow Rate (gpm):	0
10. Specific Capacity (gpm/ft draw):	35.6
11. Acre Feet per 24 Hr:	7.6
Million Gallons per 24 Hr:	2.461
12. Cubic Feet per Second (cfs):	3.8
13. Horsepower Input to Motor:	42
14. Percent of Rated Motor Load (%):	95
15. Kilowatt Input to Motor:	31
16. Kilowatt Hours per acre-foot:	99
17. Cost to Pump an acre-foot:	\$14.90
18. Energy Cost (\$/hour)	\$4.69
19. Base Cost per Kwh:	\$0.150
20. Nameplate rpm:	0
21. rpm at Gearhead:	0
22. Overall Pumping Efficiency (%):	66

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

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