

# ENERGYWISE

Use less. Spend less. Do more.

## Pump Test Report Form

Pre-test  Post-test  Date \_\_\_\_\_  
Name \_\_\_\_\_ Addr \_\_\_\_\_ Legal \_\_\_\_\_  
Well Depth \_\_\_\_\_ Yr. Installed \_\_\_\_\_  
Pump Mfg \_\_\_\_\_ Column(ft) \_\_\_\_\_  
Nameplate HP \_\_\_\_\_ Pump RPM \_\_\_\_\_ Meter # \_\_\_\_\_  
measured  
Irrigation System Type \_\_\_\_\_ Nozzled for \_\_\_\_\_ GPM @ \_\_\_\_\_ PSI

PSI X 2.31 = ft. + PWL + Pump Loss = Total Head (ft) X Flow (GPM) / 3960 = Water HP

<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Volts X Amps X 1.732/1000 X PF = kW

<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>
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kW X 1.34 X Motor Efficiency = Pump HP

<input type="text"/>		<input type="text"/>	<input type="text"/>
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Water HP / Pump HP = Pump Efficiency

<input type="text"/>	<input type="text"/>	<input type="text"/>
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PSI - discharge pressure at the pump  
kW is electrical demand in KiloWatts  
PF is the power factor

PWL - pumping water level in the well in feet  
Motor Efficiency is the electric motor efficiency in percent/100