

Well Pump Data Worksheet

Name:	Phone:
Address:	City/State/Zip:

Determine well's depth to water by looking at the drillers report:

Determine type of pump using figure found at a:

1. Less than 25' Shallow Well Jet Pump
2. 25' to 170' Deep Well Jet Pump
3. 25' to 400' Submersible Well Pump

GPM **Determine size of pump by counting the number of water using fixtures times 3 gpm. (That could be used at the same time.)**
 (Showers, faucets, outdoor water spigots, dishwashing machine, refrigerators, clothes washers.)

Insert GPM found into pump data worksheet to find TDH

Total Dynamic Head (TDH)	Elevation:	
	a. Suction Lift To determine suction lift, measure the distance between the water level and the pump inlet. This will be 0 for submersible pumps. (Total measurement in feet)	(a) _____ FEET
	b. Elevation Change To figure elevation, measure the distance from the pump outlet to the highest point in the system. (Total measurement in feet)	(b) _____ FEET
	Friction Loss: To estimate friction loss, first determine the size of pipe use. Refer to friction loss chart. Figure .5 foot of friction loss per valve or elbow (Total measurement in feet)	_____ FEET
	PSI - Pounds Per Square Inch Determine the pressure required to run all of the water using fixtures (refer to the manufacturer's specifications) $PSI \times 2.31 = \text{HEAD IN FEET}$	_____ FEET
	Total Dynamic Head (TDH): Total the sum of elevation, friction loss and PSI. This total equals TDH in feet.	_____ TDH

