

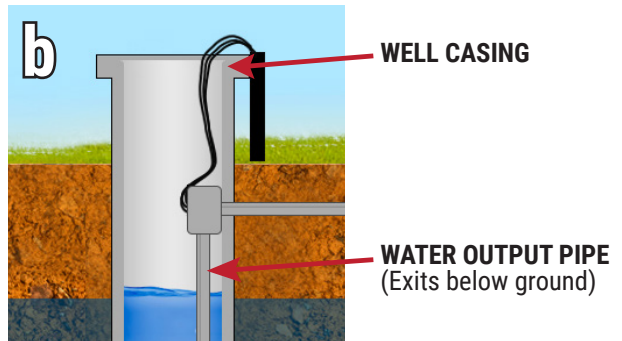
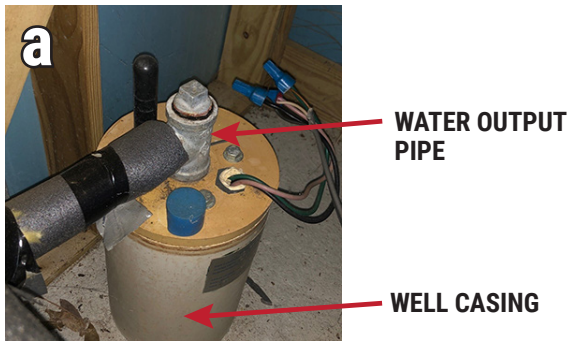




15. Where does the water output from the electric submersible pump exit the well?

a. Above ground

b. Below ground



16. What is the size of water output pipe in question 15 above?

Output Pipe  a. 1"  b. 1.25"  c. 2"  d. Other: \_\_\_\_\_

17. This pipe is made of:

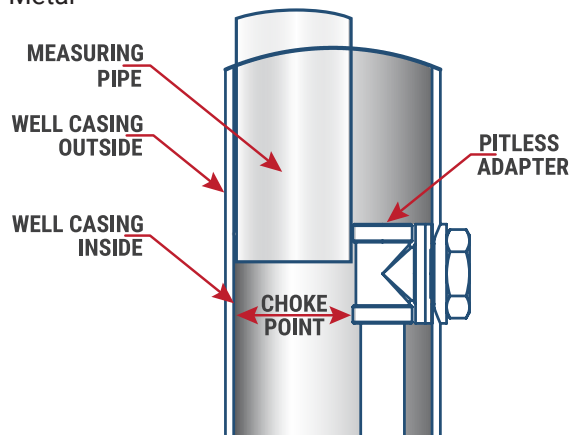
a. PVC  b. Poly  c. Metal

18. My choke point measurement is:

a. 1.5"  b. 2"  c. 2.5"  d. 3"+

This is the distance between the pitless adapter and the inside wall on the opposite side of the well casing.

This measurement can be determined by sliding PVC pipe with known diameter down your well casing. Your measurement is the largest pipe that will slide past this area.



19. How do the wires enter the well?

a. Through top of the well cap.

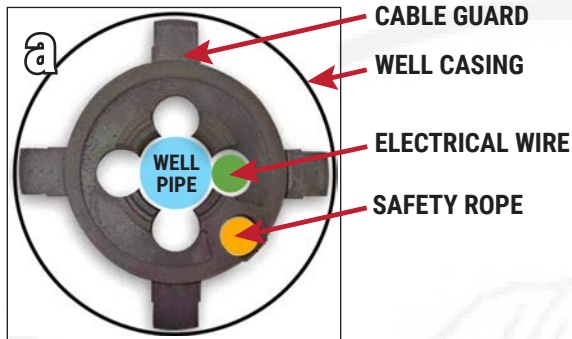
b. Through side of the well casing.



20. Are there any obstructions in the well?

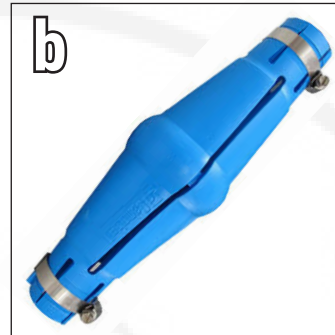
a. Pump cable guards

These are plastic devices that are attached to the drop pipe. They provide a space through which to run the wires from the electrical submersible pump up to the surface. The purpose is to keep the wire away from the casing and drop pipe. These are placed every 10-20 feet along the pipe that goes to the electric submersible pump. For a Bison Pump installation these guards must either be removed or "pushed down" to roughly 20 feet below the static water level.



b. Torque arrestors

These are rubber devices that expand to the size of the inside casing diameter. They are typically mounted directly above the electric submersible pump on the section of pipe that threads into the pump. Its intent is to prevent the pipe from moving due to the torque created when the electric submersible pump starts operation (clock-wise motion). Some installers place these at 1-2 other positions along the drop pipe going up to the top, but this is not common. Those that are in the zone of installation for the Bison Pump system must be removed.

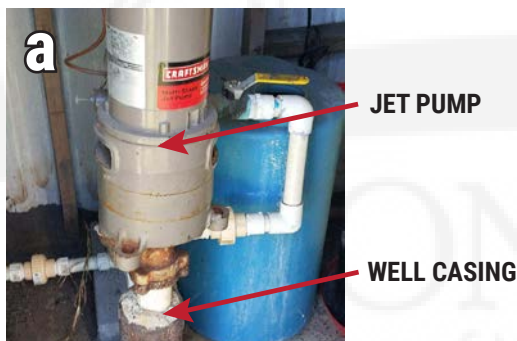


21. Does your well have a jet pump installed?

- a. No – Skip to Question # 24
- b. Yes – Continue to Question # 22

22. The jet pump is installed:

- a. Directly on the well casing.
- b. On the ground near the well casing.



23. How many pipes go from the jet pump to the well?

- a. One (1)
- b. Two (2)



24. My Recovery Rate is \_\_\_\_\_ GPM.

The well recovery rate determines the amount of time that is required to replace water removed from the well.