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(54) Title: FLUID FLOW CONTROL SYSTEM EMPLOYING GRAVITY DRIVEN FLOATS AND A VALVE

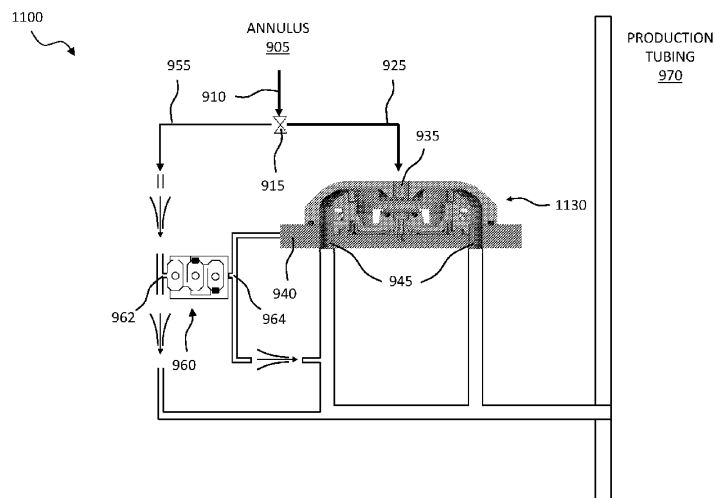


FIG. 11

(57) Abstract: Provided is a fluid flow control system and a well system. The fluid flow control system, in one aspect, includes a valve having a fluid inlet operable to receive fluid, a control inlet operable to receive a control fluid, and a fluid outlet operable to pass the fluid to the tubing, the valve configured to open or close the fluid outlet based upon the control fluid. The fluid flow control system according to this aspect further includes a density control valve having an inlet conduit operable to receive the fluid and an outlet conduit coupled to the control inlet of the valve, the density control valve operable to send the control fluid to the valve to open or close the fluid outlet based upon a density of the fluid.

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