

VARIABLE FLOW RESISTANCE SYSTEM WITH CIRCULATION INDUCING
STRUCTURE THEREIN TO VARIABLY RESIST FLOW IN A SUBTERRANEAN
WELL

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ABSTRACT

A variable flow resistance system for use in a
subterranean well can include a flow chamber having an
10 outlet and at least one structure which resists a change in
a direction of flow of a fluid composition toward the
outlet. The fluid composition may enter the chamber in the
direction of flow which changes based on a ratio of desired
fluid to undesired fluid in the fluid composition. Another
15 variable flow resistance system can include a flow chamber
through which a fluid composition flows, the chamber having
an inlet, an outlet, and a structure which impedes a change
from circular flow about the outlet to radial flow toward
the outlet.

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Fig. 1