ABSTRACT

INFLOW CONTROL DEVICES FOR SAND CONTROL SCREENS

A well screen includes a filter portion (26) and at least one flow restrictor (24, 30) configured so that fluid which flows through the filter portion (26) also flows through the flow restrictor. The flow restrictor includes at least one tube which forces the fluid to change momentum within the tube. An inflow control device for restricting flow into a passage of a tubular string in a wellbore includes at least one flow restrictor (24, 30) configured so that fluid flows between the passage and the flow restrictor. The flow restrictor (24, 30) includes at least one tube which forces the fluid to change momentum within the tube.

(Figure 16)