

GRAVEL PACKING APPARATUS HAVING LOCKING JUMPER TUBES

Abstract

A gravel packing apparatus has first and second joints each including a sand control screen assembly having a filter medium positioned exteriorly of a base pipe and a slurry delivery subassembly positioned exteriorly of the sand control screen assembly. Each slurry delivery subassembly includes a transport tube extending longitudinally along at least a portion of the sand control screen assembly. A jumper tube extends between and is sealably coupled to the transport tube of the first joint and the transport tube of the second joint. A first locking assembly is positioned between the jumper tube and the transport tube of the first joint and a second locking assembly is positioned between the jumper tube and the transport tube of the second joint.

[FIGURE 7D]

