

Abstract

GRAVEL PACKING APPARATUS HAVING A ROTATABLE SLURRY DELIVERY SUBASSEMBLY

A gravel packing assembly 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 rotatably mounted exteriorly on the sand control screen assembly. The slurry delivery subassembly includes at least one transport tube extending longitudinally along at least a portion of the sand control screen assembly. At least one jumper tube is coupled to and extends between the at least one transport tube of the first joint and the at least one transport tube of the second joint. The at least one transport tube of the first joint is axially aligned with the at least one transport tube of the second joint by rotating the slurry delivery subassembly of the first joint relative to the sand control screen of the first joint after the two joints are coupled together.

Fig. 7