

## SAND CONTROL SCREEN ASSEMBLY WITH FLOW CONTROL CAPABILITY

### ABSTRACT OF THE DISCLOSURE

A flow control screen (100) includes a base pipe (102) having a blank pipe section (104) and a perforated section (106). A filter medium (112) is positioned around a portion of the blank pipe section (104). A housing (114, 118, 120, 122, 124) is positioned around another portion of the blank pipe section (104) and the perforated section (106). A deformable element (150) is positioned between the housing and a portion of the perforated section including at least one production port (108) but not including at least one closure port (110) to define a production path (154) between the production port (108) and the filter medium (112) such that application of a sufficient pressure to the closure port (110) acts on the deformable element (150) to deform the deformable element (150) to substantially close the production path (154).

Figure 1.