**SAND CONTROL SCREEN ASSEMBLY AND METHOD FOR USE OF SAME**


ABSTRACT OF THE DISCLOSURE

A sand control screen assembly (170) is operably positionable within a wellbore (48). The sand control screen assembly (170) includes a base pipe (172) having at least one opening (176) and an internal flow path (174). A swellable material layer (182) is disposed exteriorly of the base pipe (172). A fluid collection subassembly (184) and a sensor (192) are disposed exteriorly of the swellable material layer (182). The fluid collection subassembly (184) is in fluid communication with the internal flow path (174). A filter medium (188) is disposed in a fluid path between the exterior of the sand control screen assembly (170) and the internal flow path (174). In response to contact with an activating fluid, radial expansion of the swellable material layer (182) causes at least a portion of the fluid collection subassembly (184) and the sensor (192) to be displaced toward a surface of the wellbore (48).


Figure 6