Abstract

SETTING TOOL FOR EXPANDABLE LINER HANGER AND ASSOCIATED METHODS

A setting tool for an expandable liner hanger. A method includes the steps of : releasably securing the setting tool to the hanger, the setting tool including an expansion cone for displacing through the hanger; and conveying the setting tool and hanger into the well on a generally tubular work string while no portion of the hanger extends longitudinally between the expansion cone and the work string. A setting tool includes an expansion cone, which is displaceable through the liner hanger to expand the hanger; at least one piston positioned on one side of the expansion cone; and an anchoring device for releasably securing the setting tool to the liner hanger, the anchoring device being positioned on an opposite side of the expansion cone. The expansion cone is pressure balanced between its two sides when the expansion cone is displaced through the liner hanger.

Figure 1.