ABSTRACT OF THE DISCLOSURE

A hydraulic control assembly (80) for actuating a hydraulically controllable downhole device (100) comprises a hydraulic fluid source (82) located on a surface installation that supplies a low pressure hydraulic fluid, an umbilical assembly (88) coupled to the hydraulic fluid source (82) that provides a supply fluid passageway for the low pressure hydraulic fluid and a subsea intensifier (90) operably associated with a subsea wellhead. The subsea intensifier (90) is operable to convert the low pressure hydraulic fluid from the hydraulic fluid source (82) into a high pressure hydraulic fluid for actuating the hydraulically controllable downhole device (100).



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