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(54) Title: FRACTURING AND GRAVEL PACKING TOOL WITH ANTI-SWABBING FEATURE

(57) Abstract: A fracturing and gravel packing tool has features that prevent well swabbing when the tool is picked up with respect to a set isolation packer. An upper or multi-acting circulation valve allows switching between the squeeze and circulation positions without risk of closing the low bottom hole pressure ball valve. The low bottom hole pressure ball valve can only be closed with multiple movements in opposed direction that occur after a predetermined force is held for a finite time to allow movement that arms the low bottom hole pressure ball valve. The multi-acting circulation valve can prevent fluid loss to the formation when being set down with the crossover tool supported or on the reciprocating set down device and the multi-acting circulation valve is closed without risk of closing the wash pipe valve.



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