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(54) Title: ASSEMBLY AND PROCESS FOR DRILLING AND COMPLETING MULTIPLE WELLS

(57) Abstract

An apparatus (10) and process are provided for drilling and completing multiple subterranean wells from a template which is secured within a cased well bore extending to the surface. An orienting cam (11) having a bore (20) therethrough is positioned above the template such that the bore through the orienting cam is automatically aligned with one of at least two bores through the template. Fluid tight seals are provided between the orienting cam and the casing and between the orienting cam and one of the at least two bores through the template. Thereafter, a drill string including a drill bit is lowered from the surface of the earth through the casing, the bore through the orienting cam and the one bore through said template to drill a first subterranean well bore.

