RUNNING TOOL

Abstract of the Disclosure:

An embodiment of a running tool (11) for setting and testing a packoff seal (91) of a well pipe hanger (53) has an elongated stem (13) having an axial passage (14), a body (49), a cam (23), a cam tail (43), a stem engagement element (65), and a piston (69). A method of setting and testing a packoff seal (91) comprises rotating the stem (13) relative to the body (49) to a delivery position, thereby disengaging the engaging element (65) from the stem (13). The stem (13) moves axially downward relative to the body (49) to land the packoff (91). The engagement element (65) reengages the stem (13) in a landing position. Fluid pressure is applied to the axial passage (14) to set and seal the packoff (91), thereby moving the running tool (11) to a set position.

Figure **1A**