ABSTRACT
RETRIEVABLE WELL PACKER

A well packer (10) for use in packing a well having a well casing (14), comprising a tubular body mandrel (34), an anchor slip assembly (28), a seal element assembly (30) movably mounted for longitudinal travel along a seal element support surface (48) of said body mandrel (34), and force transmitting means coupled to said anchor slip assembly (28) and said seal element assembly (30) for radially expanding said seal element assembly (30) into set engagement against an internal surface of the well casing (14), a cover sleeve (50) being mounted on said body mandrel (34) for longitudinal movement from an extended position in which said seal element support surface (48) is covered by said sleeve (50) to a retracted position in which the seal element support surface (48) is uncovered; at least one shear pin (52) releasably securing said cover sleeve (50) to said body mandrel (34) at said extended position; and stop means disposed on said body mandrel (34) adjacent said seal element support surface (48), said cover sleeve (50) being engageable against said stop means at the limit of its travel to the retracted position, wherein said cover sleeve (50) has a tubular sidewall and an annular head (50H) radially offset from said sidewall, said annular head (50H) being disposed in slidable engagement with said seal element support surface (48), and said cover sleeve head (50H) being engageable against said stop means when said sleeve (50) is moved to the retracted position, and wherein said cover sleeve (50) is intersected by a longitudinal slot, and including a radially projecting guide lug mounted on said body mandrel (34), said guide lug being received within said slot.

This Sheet Has Been Replaced



THIS SHEET HAS BEEN REPLACED