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), force transmitting means coupled to said anchor slip assembly (28) and said seal element assembly (30) for radially extending said anchor slip assembly (28) and radially expanding said seal element assembly (30) into set engagement against an internal surface of the well casing (14), an annular backup shoe (64) mounted on said body mandrel (34) adjacent said seal element assembly (30), said backup shoe (64) defining a radial bridge between said body mandrel (34) and the well casing (14) when said seal element assembly (30) is expanded into engagement against the internal surface of the well casing (14), a seal element retainer sleeve (66) slidably mounted for longitudinal movement along said body mandrel (34), and a seal element retainer collar (68) movably mounted on said retainer sleeve (66) for longitudinal movement from a retracted position in which said seal element retainer collar (68) and retainer sleeve (66) are engageable against said backup shoe (64), to an extended position longitudinally spaced from said backup shoe (64).

This Sheet Has Been Replaced

