SUB MUDLINE ABANDONMENT CONNECTOR

ABSTRACT

An inner tubular member of a subsea wellhead assembly carries a locking member that moves between a locked and unlocked positions lands within an outer tubular member having a grooved profile in its bore. The inner tubular member joins to a portion of the conductor casing extending from a low pressure wellhead housing above the mudline of the seafloor. In the locked position, the locking member engages the grooved profile on the outer tubular member to connect the outer tubular member and inner tubular member. The inner tubular member also carries a hydraulically actuated, axially moveable locking sleeve that slidingly engages the locking member to move the locking member between the locked and unlocked positions. An ROV supplies hydraulic fluid through an ROV port to actuate the locking sleeve.

FIG: 1