



Subsea Hot Tap

Hurricanes Katrina and Rita wreaked havoc on the U.S. offshore oil industry in 2005. Over 100 wellhead structures were lost during these two storms. Operators in the Gulf of Mexico are in the process of gaining access to the downed wells. Cudd Well Control has partnered with Tetra Technologies in the intervention of these wells for its customers to provide hot tapping and/or gate valve drilling services.



Hot Tapping is drilling a hole in a pipe or tube when no means of measuring or relieving the pressure contained within them are present. It is often used to gain access to wellbore when wellhead valves are rendered inoperable.

Cudd Well Control has designed and developed a unique hydraulic sub sea hot tap which is gaining popularity in the industry. The salient features of this design are:

- Hydraulically operated
- Working pressure of 10000 psi
- The installation of the tap is "diver friendly"
- Can be used for drilling a hole for various pipe sizes ranging from 2-3/8" thru 36"
- Can be used to drill at various speeds
- Can be used in water depths up to 300 feet
- Environmentally clean as it uses biodegradable oil
- The tap can be used on pipe or quickly converted to rigging onto a flange

