

Certia log & cut

Single-trip, multi-task pipe recovery solution

Historically, a pipe recovery operation involves identifying (diagnosis) the free-pipe depth of a stuck drilling bottom hole assembly (BHA) or tubular with a dedicated electric line (e-line) trip in the well. If free pipe depth is identified, the diagnosis is then followed by a subsequent trip for a cutter or back-off (treatment) before BHA can be retrieved to surface.

Certia™ Log & Cut combines two industry leading technologies for use in pipe recovery, enabling a single-trip, multi-task solution. Certia identifies the free-pipe depth of the BHA followed by either the Mechanical Pipe Cutter (MPC) or Downhole electric cutting tool (DECT) making a precise cut allowing retrieval to surface.

Safer operations

Deploying Certia with an electro-mechanical cutter together in a single trip removes two surface rigging events from the operational scope reducing the HSE exposure to personnel and equipment.

Faster operations or more efficient operations

Combining two e-line trips into one can result in a 50% reduction in operational

time for the pipe recovery trips along with a subsequent reduction in carbon emissions.

Well control

A single run pipe recovery operation can half the duration of time the wireline is positioned across the drilling blowout preventer (BOP) with tools in the well. Once the free-pipe depth has been identified, switching to cutting mode can be done seamlessly without the need to pull out of hole and change toolstring therefore minimizing any time and risk for the free-pipe depth identified to change.

Deployment

The Certia Log & Cut solution can be conveyed by PRIME™ 212 and PRIME 338 e-line tractors and integrated with the PRIME Release Sub System (RSS).

Rapid mobilization

Certia Log & Cut solution is easily mobilized inside a peli case transportable via road, sea, or air to the wellsite and can be conveyed on a wide selection of mono and multi-conductor wireline cable types from different manufacturers.

Applications

- Drilling pipe recovery
- Well intervention
- Plug & abandonment

Benefits

- Industry leading free-pipe detection and electro-mechanical cutting technology in a single trip
- Reduces risk with 50% removal of surface rigging events
- Reduces rig time and costs by up to 50% by combining two e-line trips into one
- Precisely cuts pipe without the use of ballistics or hazardous chemicals

Certia Log & Cutter: MPC

	Certia™ pipe recovery log	Mechanical pipe cutter (MPC)
Tool OD	1.7-in., 1.855 in.	2.125-in., 2.56-in., 3.25-in.
Temperature rating	350°F / 177°C	400°F / 192°C
Pressure rating	20,000 to 30,000 psi	25,000 to 30,000 psi
Pipe size	2.875 to 7-in. OD pipe	2.875 to 7-in. OD pipe
Pipe type	DP, HWDP, DC, tubing, liner, casing	Max wall thickness 0.75-in.

Certia Log & Cutter: DECT

	Certia™ pipe recovery log	Downhole electric cutting tool (DECT)
Tool OD	1.7-in., 1.855-in.	2.75-in., 3.25-in., 3.625-in.
Temperature rating	350°F / 177°C	300°F / 150°C
Pressure rating	20,000 psi, 30,000 psi	15,000 psi
Pipe size	2.875 to 7-in. OD pipe	3.5 to 7.625-in. OD pipe
Pipe type	DP, HWDP, DC, tubing, liner, casing	Max wall thickness 1.125-in.