



**Subsea
Temporary
Abandonment
Cap Test Tool
(TACTT)**

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Drill Pipe Run TACTT - mk1.

Centrica – F3-08 abandonment.



1. Design, test and supply a variety of tools for well re-entry:

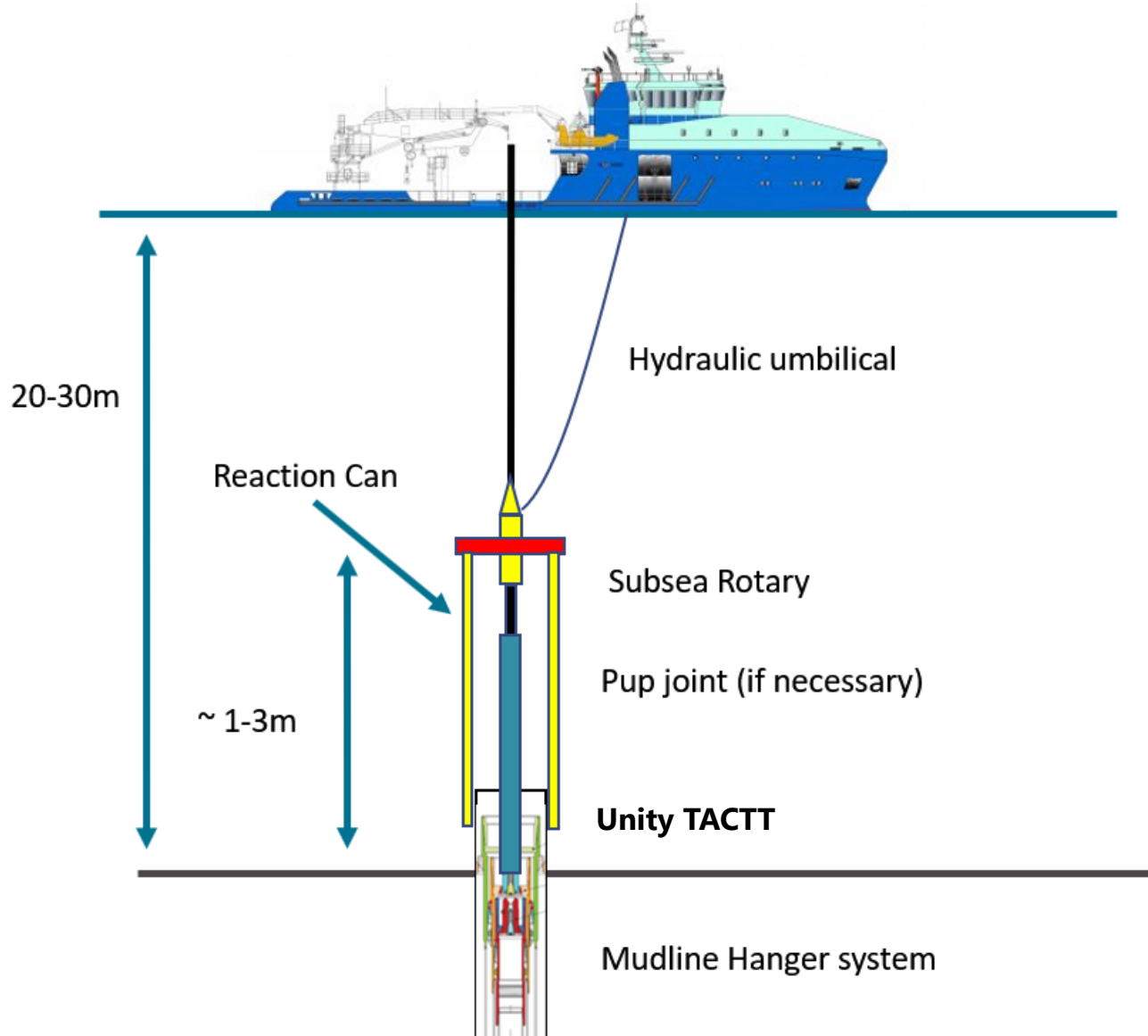
- 1x Dual Sealing 9-5/8 J-Tool.
- 2x 4.5 IF Low Torque Subs.
- 2x modified 20" TBT's on Subs
- 2x modified 13-3/8 TBT's on Subs.
- 1x 20" SpaceOut Sub.
- 1x 13-3/8 Mod Cap Tool.

2. Commence offshore deployment with full engineering support:

- Run 20" SpaceOut sub.
- Run 20" Tieback tool/tieback string and pressure test.
- Run 13-3/8" Test cap/tieback string and pressure test.
- Run 13-3/8" Tieback tool/tieback string and pressure test.
- Run J-Slot Tool into 9-5/8 cap and pressure test.
- Create pressure retaining conduit to safely remove BPV in 9-5/8 cap.

Vessel Run TACTT - mk2.

Spirit Energy

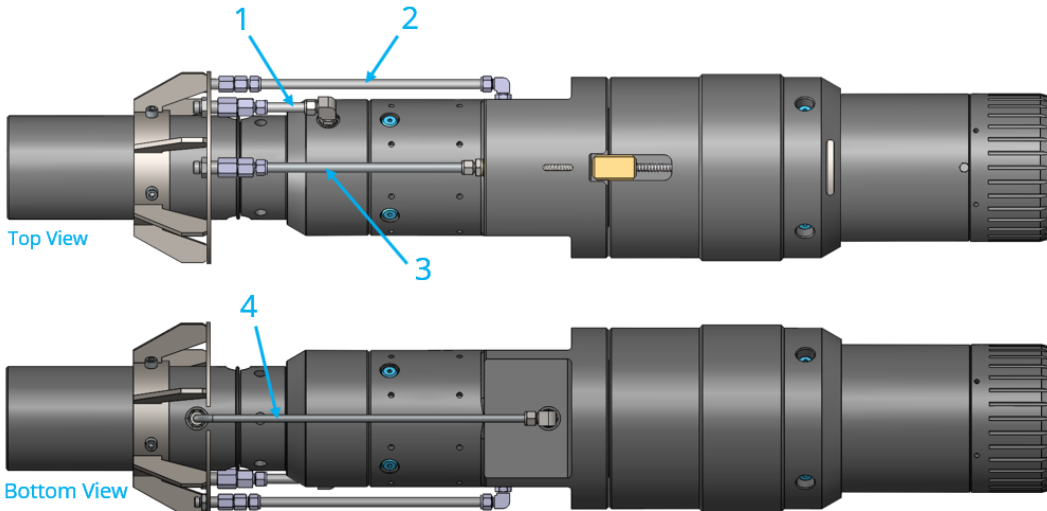


Drill Pipe Run TA-Cap Test Tool mk2.

Petrofac– Thurne and Deben.

The TACTT allows vessel based or rig based deployment:

- Verification of containment via pressure testing of deployed seals.
- Controlled stabbing and venting of BPV's with pressure and hydraulic fluid volume confirmation.
- Secondary BPV/valve in case existing does not re-seal.
- Quick to deploy and operate.
- Ability to leave secondary valve in place.



- Line 1 – Stab Actuate (Umbilical)
- Line 2 – Stab Retract (Umbilical)
- Line 3 – Tool Release (Umbilical)
- Line 4 – Tool Vent (Drill String)

Conclusion

- 1. Flexible design allows for a range of deployment options**
 - DSV.**
 - Drilling Rig.**
- 2. Verification of containment via pressure testing of deployed seals.**
- 3. Provides a means of testing that the existing BPV is opening/sealing.**
- 4. Secondary BPV/valve in case existing one does not re-seal.**
- 5. Provides significant cost reduction during subsea P&A activities.**



Thankyou

**If you have any questions,
please contact
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