

UNITY'S RIGLESS P&A TECHNOLOGY ENABLES SAFE PRESSURE TESTING OF SUSPENDED MUDLINE WELLS. THE TEMPORARY ABANDONMENT CAP TEST TOOL (TACTT) PROVIDES A MEANS OF SAFELY STABBING AND VENTING ANY PRESSURE BUILD UP BEHIND TA CAPS FITTED WITH BACK PRESSURE VALVES

Unity has developed the first technology of its kind which is able to seal onto any type and size of temporary abandonment (TA) cap, pressure test the seal to ensure well containment, then test and vent pressure from below the TA cap. There is also the option to leave a reliable secondary back pressure valve (BPV) if the sealing ability of the original BPV is in question.

The technology allows the operator to understand the amount of pressure accumulation below the TA cap and accommodate this in their plans for decommissioning, either continuing with vessel-based intervention or leaving the TACTT secondary back pressure valve in place and returning with a rig at a later date if necessary. Vessel rather than rig-based P&A work is faster and more cost effective and Unity's technology can help enable this type of intervention by safely confirming no back pressure for well re-entry.



Benefits:

- Allows safe testing and venting of pressure below TA cap;
- Drill pipe and Vessel deployable system;
- Controlled stabbing of BPV on TA cap;
- Ability to leave a secondary BPV;
- Modular design can suit a range of TA Cap profiles;
- Removes risk associated with re-entering a suspended well.

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Specifications:

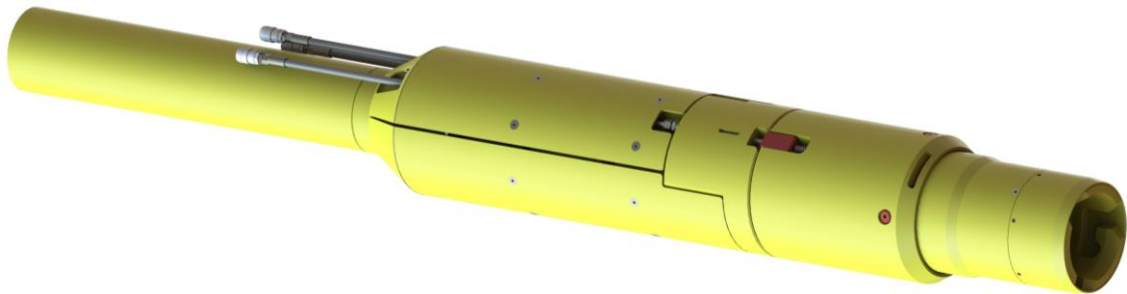
Maximum working pressure:	Typically 5,000 psi but TA Cap Dependent (Contact engineering for pressure requirements)
Number of functions	4
Designed and tested in accordance with:	API 6A with BV independent Appraisal
TACTT dimensions:	Outer Diameter – 11.4” Overall Length – 100”

TA Cap Profiles

The TACTT tool can be deployed on range of TA Cap profiles by simply swapping out the lower section of the assembly.

Features:

- Drill Pipe or Vessel deployable system, that allows testing and venting of trapped pressure below Temporary Abandonment caps that have BPV's fitted.
- Facilitates a pressure test of deployed seals, prior to stabbing a valve.
- Allows controllable stabbing of BPV.
- Provide means of leaving a secondary check valve assembly in place should the original not re-seat.
- Can be modified to suit a range of TA Cap profiles.
- Simplifies abandonment operations greatly and reduce risks associated with re-entering a suspended wells.



Run History

Date	Deployed from	TA Cap Type	No. of wells
Q2 2018	Vessel	DQ MS15	1
Q2 2019	Jack up Rig	DQ MS15	2
Q3 2019	Vessel	DQ MS15	1
Q4 2022	Vessel	Cameron 3" & 4.62"	3
Planned Q1 2023	Rig	DQ MS15 Vetco	12

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