

RapidAccess

TAML 2 self-orienting multilateral junction

APPLICATIONS

- Wells with TAML 2 specifications
- Reservoirs with same pressure and flow regimes
- Layered, compartmentalized, or faulted reservoirs
- Reservoirs needing increased drainage
- New oil or gas wells, either producers or injectors

BENEFITS

- Reduced risks, time, and costs due to operational simplicity and field-proven technology

FEATURES

- Selective reentry into all laterals and main bore with wireline, coiled tubing, or drillpipe access
- Ability to be stacked for multiple TAML 2 junctions in a single wellbore
- Unlimited lateral sections, allowing as many indexing casing couplings as required to be run
- Permanent depth and orientation point retained without compromise to casing ID
- Fullbore access to the main bore and lateral retained
- Reliability and high rate of success

The RapidAccess* TAML 2 self-orienting multilateral junction provides selective access and multiple kickoff points for current and future sidetracks and multilateral wellbores. This highly reliable Level 2 system is based on a self-orienting and locking casing nipple concept. It has these components:

- indexing casing coupling (ICC)
- construction selective landing tool
- construction reentry deflection tool

The indexing ICCs are installed in the casing string when the string is run and are reusable throughout the life of the well. After they are installed, ICCs become integral casing components and may be run as a contingency for future reentry operations without compromising the integrity of the casing string. Orientation is determined by using standard logging tool or MWD in gravity tool face mode. The downhole tools are then adjusted at the surface.

The RapidAccess junction can be easily accommodated in any TAML 2 application with standard oilfield practices and tools.

With a systematic quantitative risk assessment to identify the best location, the RapidAccess junction can be used for new wells that have similar pressure regimes. Operational simplicity reduces risks, time, and costs.

RapidAccess Junction Specifications

Casing size, in	7, 9 $\frac{1}{2}$
Lateral hole	Per requirements
Lateral ID	Per casing exit
Main bore ID	Full bore retained
Window type	Milled casing exit
TAML level	2
Selective profiles	Stackable



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