

RapidXtreme

TAML 3, 4, or 5 large-bore multilateral junction

APPLICATIONS

- Wells with TAML 3, 4, or 5 specifications
- New and reentry oil or gas wells, producers, or injectors
- Wells where junction could not be set in the reservoir
- Wells with consolidated or unconsolidated formations at the junction
- Layered, compartmentalized, or faulted reservoirs
- Reservoirs with or without different pressure and flow regimes
- Vertical and horizontal wells

ADVANTAGES

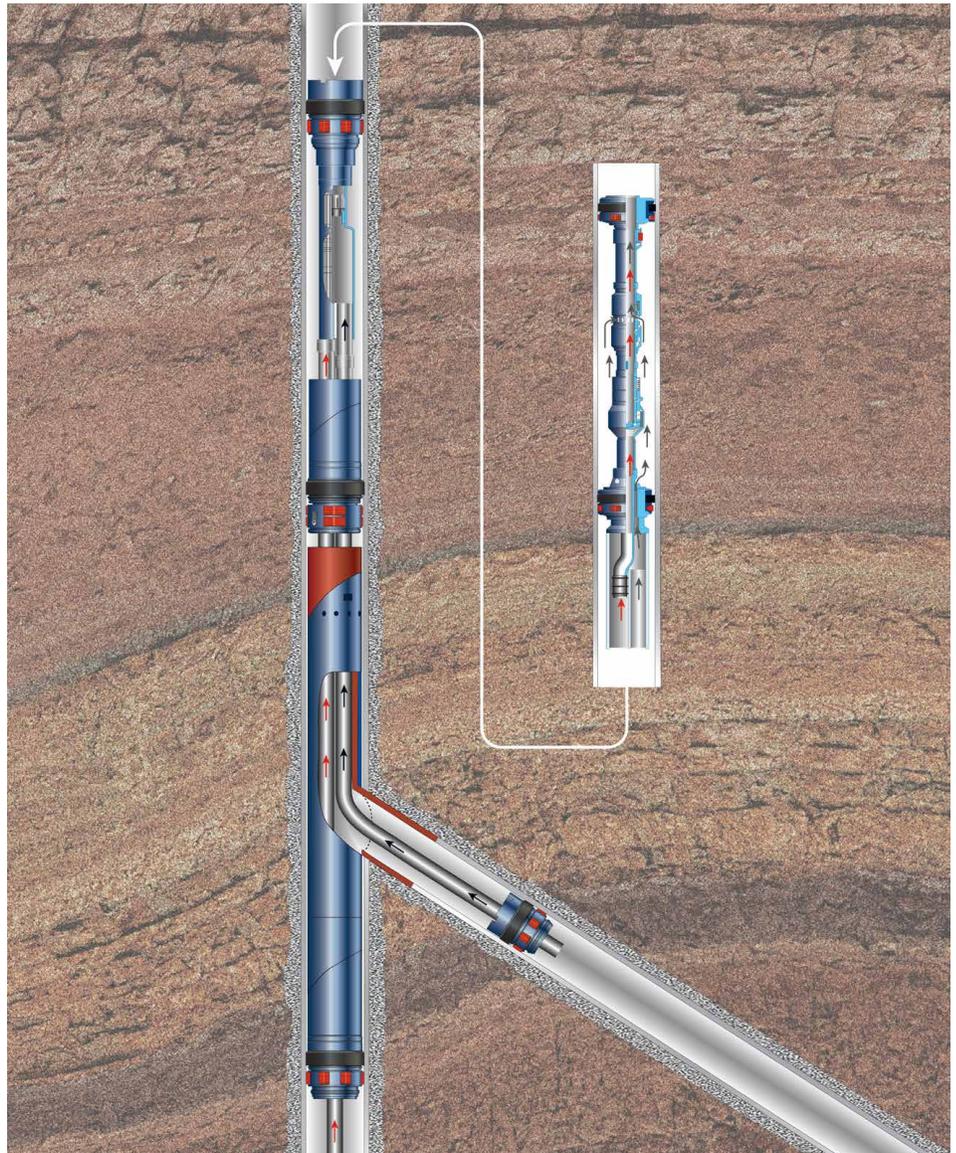
- Ability to be run as TAML level 3, 4, or 5
- Available in common casing sizes for multilaterals
- Ability to rotate and ream lateral liner to bottom
- Ability to rotate liners during cementing
- Fully stackable and selective reentry into any lateral
- Options available for multistage stimulation, plug and perf, gravel pack, etc.
- Ability to deploy using standard liner hanger running tools
- Large production flow area from all levels
- Up to 10,000-psi rated level 5 junction using Y-block dual tubing completion module
- 5,000-psi rated drilling diverter for the ability to cement 7-in lateral liner above reservoir and safely drill out 6 $\frac{1}{8}$ -in hole
- Selective intervention tools available for positive selective reentry and also for thru tubing intervention
- Compatible with intelligent completions
- Standard premium connection

RapidXtreme* TAML 3, 4, or 5 large-bore multilateral junction is a robust, modular system. It is currently the only multilateral system in the industry that is rated at 10,000 psi differential pressure at the junction.

RapidXtreme junction features a 5,000-psi rated drilling diverter that helps ensure safe drillout through 7-in cemented lateral liners.

The selective lateral intervention completion (SLIC) module provides thru-tubing selective intervention capability to ensure all future interventions accurately target the correct lateral.

The system is fully stackable to support multiple laterals and is compatible with a wide range of completion options including cemented and uncemented multistage stimulation, plug and perf, and gravel pack.



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RapidXtreme TAML 3 or 4 Large-Bore Multilateral Junction Specifications

Casing size, in	9%
Casing weight, lbm/ft	47–53.5
Main bore drift ID, in [mm]	6.059 [153.89]
Main bore ID deflector (ramp), in [mm]	6.560 [166.62]
Lateral bore drift ID, in [mm]	6.500 [165.10]
Lateral bore deflector ID, in [mm]	6.125 [155.60]
Run in rotation torque above free rotation, ft.lbf [N.m]	8,900 [12,067]
Level 5 Y-Block completion differential pressure rating, psi [MPa]	10,000 [68.9]
Drilling diverter drillout differential pressure rating, psi [MPa]	5,000 [34.5]
Drilling diverter drift ID, in [mm]	6.125 [155.58]
Window type	Milled casing exit
TAML level	3, 4, or 5

Y-Block TAML 5 Specifications

Seal assembly OD, in [mm]	4,000 [101.6]
Dual tubing size, in [mm]	3.5 [88.9]
Dual tubing weight, lbm/ft	9.2
Dual tubing ID, in [mm]	2.992 [76]
Dual tubing locating assembly (DTLA) max. OD, in [mm]	8.40 [213.36]
Y-block selective lateral intervention min. ID, in [mm]	2.75 [68.58]
Control lines bypass	4 lines
Intelligent valves compatibility	Yes
Gravel pack compatibility	Yes
Intervention capability	Yes

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