



Omega

Omega Completion Technology Ltd.

ANCHORED PRODUCTION STRADDLE.

The Anchored Production Straddle (APS) is designed with high expansion in mind, at the same time providing a significant through-bore. The APS can be configured to solve a range of production control challenges.

The use of solid elastomeric elements maintains integrity in terms of variation in temperature and pressure. These unique one-piece elements have integral support and also features positive retraction when un-set. The slips are bi-directional allowing loads in either direction. Designed to set in slick casing or tubing the APS is uniquely capable of being run and set reliably in cross-flow conditions, which are often the cause of mis-runs and ultimate failure of inflatable devices.

The APS is basically configured as two packer modules - one at the bottom and one at the top of the assembly - with standard spacer pipe in between. Dependent on the type of application, the APS can also be delivered with an additional slips section, built-in PBR functionality etc.

Most industry standard setting tools can be used to set the APS. Provided the overall weight allows, the whole assembly can be deployed in one run either on slickline, e-line or coiled tubing. Retrieving the APS is generally a one-trip operation on slickline using a standard GS pulling tool (top module) in combination with a shifting tool (bottom module).

FEATURES

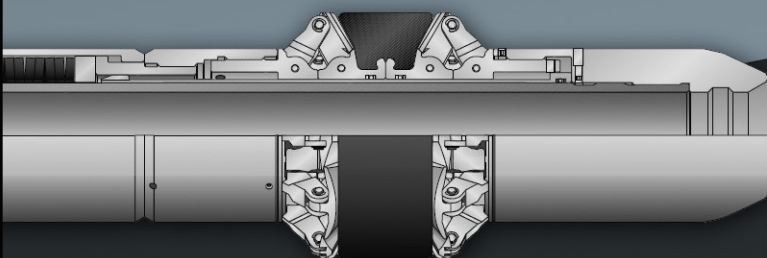
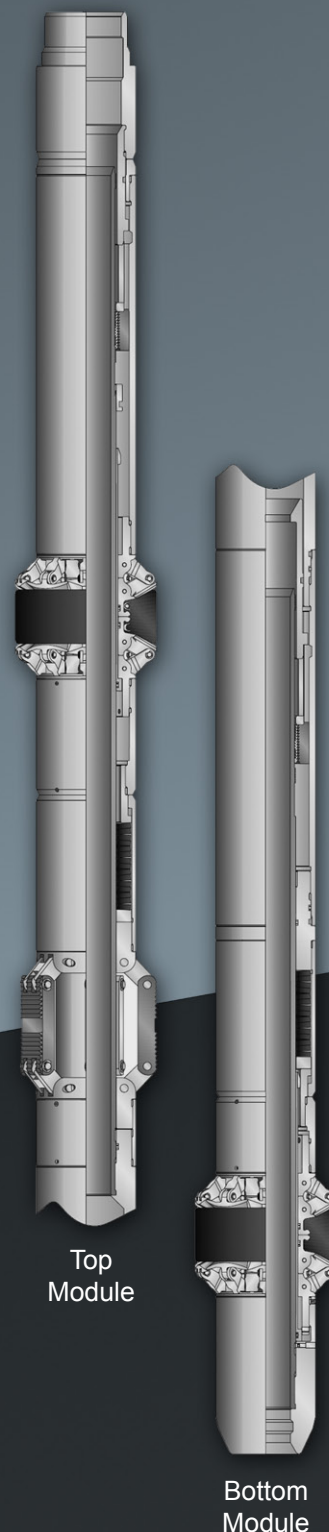
- Large through bores achieved.
- Deployed in Single & Multiple Runs.
- Built in anchor section enables deployment in cross-flow conditions.
- Modular design allows easy customization to various applications.

APPLICATIONS

- Straddle for Zonal Isolation.
- Isolating leaks within tubing or liner.
- Patch for damaged or collapsed tubing.
- Screen or Straddle for Sand Control.
- Straddle for retrofit GLVs.
- Wells with scale build up.

BENEFITS

- Can be deployed on Slickline/E-Line Well Tractor & Coil Tubing.
- Slim design combined with high expansion capabilities, and retrievability.
- Tailored designs available as well as standard sizes.



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Technical Specifications: Anchored Production Straddle.

Casing		APS		
OD	Wt lbs/ft	APS Version	Max OD	Min ID
3 1/2"	9.2-10.2	APS 272-350	2.71"	1.28"
4"	13.2	APS 270-400	2.69"	1.00"
4"	9.5-13.2	APS 322-400	3.22"	1.78"
4 1/2"	13.5	APS 270-450	2.70"	0.71"
4 1/2"	12.6-15.2	APS 372-450	3.72"	2.32"
5"	15-18	APS 400-500	4.00"	2.52"
5"	18-23.2	APS 370-500	3.70"	2.26"
5 1/2"	20	APS 360-550	3.60"	1.53"
5 1/2"	20	APS 420-550	4.20"	2.20"
5 1/2"	17-26	APS 440-550	4.40"	2.99"
7"	26	APS 430-700	4.29"	2.20"
7"	26-35	APS 440-700	4.40"	2.20"
7"	29-35	APS 530-700	5.30"	3.10"
7"	26-35	APS 550-700	5.51"	3.50"
7"	29-35	APS 570-700	5.71"	4.00"
7"	29-35	APS 575-700	5.75"	3.80"
7"	26-35	APS 580-700	5.80"	3.90"
7"	26-32	APS 590-700	5.90"	3.80"

- Other sizes can be manufactured on request.
- The APS can be delivered in any common metallurgy.
- Setting tools:
 - Single run: Standard setting tool + internal rod(s).
 - Multiple runs: Standard setting tool + latch connections.
- Pulling tools:
 - Single run: Standard pulling tool + shifting tool.
 - Multiple runs: Standard pulling tool.



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