Versa-Set® Retrievable Packers

OVERVIEW

The Halliburton Versa-Set® wireline or tubing-set packer is a single-bore retrievable packer that is ideal for medium-to high-pressure environments. The Versa-Set packer uses a modular design concept to combine the best high-performance features of a mechanical-set retrievable packer with the ability to set on wireline. Three setting modules are available for a wide variety of applications.

The Versa-Set packer can be set on wireline using the WLS module. The packer can also easily be converted at the wellsite to run mechanically on tubing.

FEATURES

- Temporary plug may be installed at top of packer
- Holds in both directions with opposing slip design
- Pressure ratings to 10,000 psi (68.9 MPa)
- Mechanically re-settable with simple, 1/4 turn operation
- High-performance triple seal multidurometer element package
- Internal bypass
- Emergency shear release

BENEFITS

- Easily converts to wireline-set or mechanical-set in the field
- Can be lubricated into well under pressure thereby minimizing damage to sensitive formations
- Helps provide both the accuracy of wireline setting and the capability of a mechanical-set retrievable packer
- Provides the versatility to run the packer either on wireline, slickline (with Halliburton DPU® downhole power unit), or tubing

APPLICATIONS

- Production, testing, injection, stimulation, tubing conveyed perforating and temporary plugging
- Any application requiring packer to be lubricated into well under pressure with plug in place

WIRELINE OPERATION

- Set with a standard wireline setting tool or Downhole Power Unit (DPU®) with wireline adapter kit
- Uses a standard on-off tool
- May be run and set with plug installed in on-off tool gudgeon (top of packer)
- Once set on wireline, operates as a standard mechanical double-grip with on-off tool
- One-quarter turn right-hand release

Versa-Set® Retrievable Packer with Clutch (Wireline Operation)

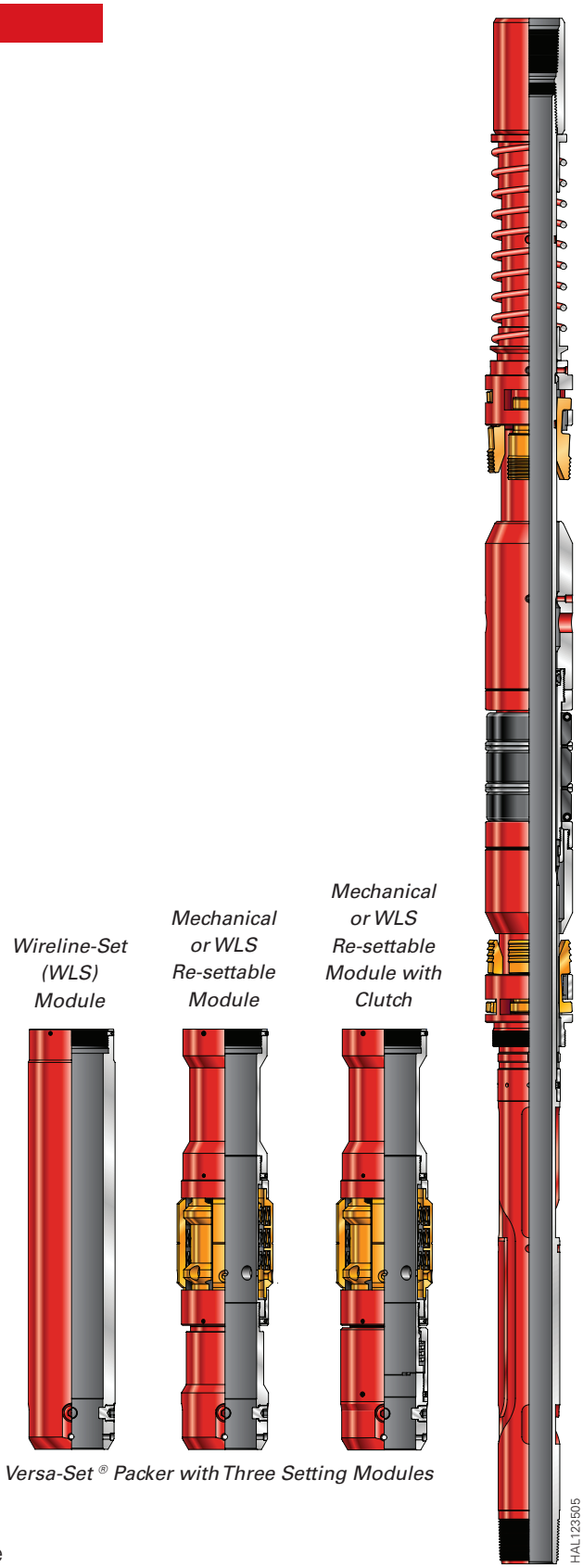
Versa-Set® Retrievable Packer with Clutch (Mechanical Operation)

MECHANICAL OPERATION

- May be converted to run and set on tubing
- One-quarter turn right-hand set
- Can be packed off in either tension or compression
- Can be left in tension, compression, or neutral position
- One-quarter turn right-hand release
- Emergency straight-pull release

Versa-Set® Packers

Casing Size (in.)	Casing Weight (lb/ft)	Maximum OD (in.)	Minimum ID (in.)	Tubing Size (in.)
4 1/2	9.5-11.6	3.82	1.923	2 3/8
	11.6-13.5	3.76		
	15.1	3.66		
5	11.5-15	4.22	1.923	2 3/8
	15-18	4.10		
5 1/2	13-15.5	4.77	1.985	2 3/8
			2.36	2 7/8
	15.5-20	4.61	1.985	2 3/8
			2.36	2 7/8
	20-23	4.50	1.985	2 3/8
			2.36	2 7/8
7	17-23	6.18	1.975	2 3/8
			2.423	2 7/8
			2.853	3 1/2
	23-29	6.00	1.975	2 3/8
			2.423	2 7/8
			2.853	3 1/2
	29-32	5.91	1.975	2 3/8
			2.423	2 7/8
			2.853	3 1/2
	32-35	5.80	1.975	2 3/8
			2.423	2 7/8
			2.853	3 1/2
7 5/8	24-29.7	6.70	2.423	2 7/8
			2.853	3 1/2
	33.7-39	6.45	2.423	2 7/8
			2.853	3 1/2



Versa-Set ® Packer with Three Setting Modules

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

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