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WLTC RETRIEVABLE BRIDGE PLUG

The WLTC is designed to perform all tasks normally required of a tubing run packer type bridge plug, but be quickly converted to run and set on wire-line. It is designed to be rugged and compact (the 4 1/2" size is only 63 inches long). When run on tubing, the WLTC can be set deep or shallow because the packing element system can be energized with compression or tension. This bridge plug will withstand high differential pressures from above or below, while its internal bypass valve is easily opened, to equalize fully prior to release.

Activated slips are always on the low-pressure side with the WLTC design, insuring that a tight pack-off is maintained. When run on tubing, a circulation passage through the tool allows fluid to bypass internally, reducing swabbing. When set, this passage allows effective washing of sand and debris above the elements, assuring easy release and retrieval. Standard equipment on the WLTC Bridge Plug includes tungsten carbide tipped slips and drag blocks, which are long-lasting and eliminate problems setting in the hardest casings.

A spring-loaded retrieving head is used to run (tubing set) and retrieve (tubing or wire-line set) the WLTC Bridge Plug. This helps prevent disconnecting the tool inadvertently. Sealer ball catcher assemblies are available.



Casing			
Size IN	Weight LBS/FT		Tool OD
2-7/8	8.6 - 8.7		2.125
	6.4 - 6.5		2.300
3-1/2	9.2 - 10.2		2.781
	7.7 - 9.3		2.844
4-1/2	13.5 - 16.6		3.640
	9.5 - 13.5		3.750
5	15.0 - 18.0		4.125
	11.5 - 15.0		4.250



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WLTC RETRIEVABLE BRIDGE PLUG CONT.

Casing		
Size <i>IN</i>	Weight <i>LBS/FT</i>	Tool OD
5-1/2	17.0 - 23.0	4.500
	14.0 - 20.0	4.641
	13.0 - 15.5	4.781
6-5/8	24.0 - 32.0	5.500
	20.0 - 24.0	5.750
7	32.0 - 38.0	5.750
	23.0 - 29.0	5.970
	17.0 - 26.0	6.078