

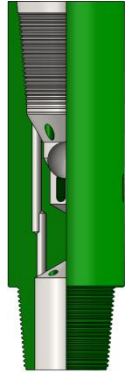
PACKER ACCESSORIES

BARRACUDA OIL TOOLS, LLC

WYE CIRCULATING SUB

The Wye Sub is run above the packer and allows tubing or drill pipe to fill automatically while running in hole. Once setting depth is reached a ball is dropped, allowing the packer to be set. Its simple one-piece design and low profile make it ideal for high-expansion packer applications where filling from surface is not possible.

There are two sets of ports machined into the Wye sub, the Annulus (auto-fill) and Tubing ports; prior to dropping the ball both sets of ports are open. Once the ball is dropped it lands on a seat located above the Annulus ports, blocking them and diverting all fluid above the ball through the Tubing ports. The Tubing ports bypass the Ball & Seat, allowing any packer or accessory located below the Wye Sub to be functioned hydraulically.



Tool OD	Flow Area [in ²]	Thread	Drop Ball
3.09	0.44	2-3/8 8RD	1-1/2
3.70	0.44	2-7/8 8RD	1-1/2
4.50	0.79	3-1/2 8RD	2.00
5.00	0.79	3-1/2 IF	2.00
6.25	0.79	4-1/2 IF	2.00

