



Pressure Port Straddle (PPS)

Weatherford's pressure port straddle (PPS) is used to set liner hangers and holddown subs in liners where an inner string is run and cementation occurs after the retrievable cementing packoff (RSM) is pulled. The PPS initially provides a means of communication so that hydraulically set liner hangers and other hydraulically activated equipment can be set. It is then closed to regain string integrity.

The PPS is run with the sleeve in the *open* position and the ports exposed. Picking up the PPS into the RSM after releasing the running tools pushes the outer sleeve down, closing the ports and also releasing the RSM packoff. Once the ports are closed, the pressure integrity of the inner string is re-established to provide a circulation path down the inner string.

Applications

- Liners run with an inner string for which inner string integrity is required after the RSM packoff is released

Features, Advantages and Benefits

- Pressure ports allow hydraulic activation of a liner hanger or holddown sub with an inner string and can be closed later to regain inner string integrity.
- Collet design prevents the sleeve from shifting into the *open* position once it is closed, ensuring pressure integrity for subsequent operations.
- With an ID equal to that of the stinger, the PPS does not impose any additional restrictions on cement or fluid flow, minimizing the chance of the tool being washed out and compromising the integrity of the string.

Specifications

Contact an authorized Weatherford representative.

