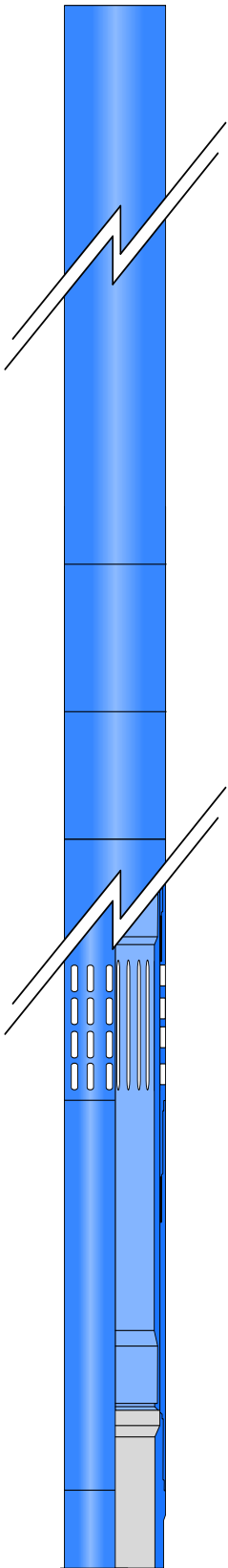


PetroQuip PASS™ Tool and APCV™ III Sliding Sleeve



The **PetroQuip Pressure Actuated Sleeve Shifting (PASS) Tool** hydraulically shifts the **Annular Production Control Valve (APCV -III)** open remotely by the application of tubing pressure. The state-of-the-art **APCV-III** is a three-position sliding sleeve mounted in the production tubing, controlling communication between the annulus and the tubing. Working in conjunction with the PetroQuip PASS Tool, the APCV-III shifts hydraulically, then converts into a standard two-position mechanical sliding sleeve.

Advantages and Features

- One-time shifting via tubing pressure, without an intervention
- Ability to test tubing without opening the sleeve
- Proprietary seal stack enables industry-leading maximum pressure differential
- Three-Position sleeve converts into two-position after hydraulic activation, allowing for maximum usage
- Proprietary threads eliminate the need for o-rings

Tubing Size (in)	Max OD (in)	Min ID (in)	OAL(in)	Material Yield Strength (KSI)	Press Rating (psi)	Abs. Press (psi)	Temp Rating (°F)
2-3/8	2.80	1.710	100	110	10,000	17,500	350
2-7/8	3.40	2.188	114				
3-1/2	3.90	2.562	140				