

HPFAC™

High Pressure Fill-up and Circulation Tool
Fill-up, Circulate and Take Flow-Back While Casing is Being Run Aids in running casing & liners under high pressure



Patent Pending

Features and Benefits

- **Short**
 - Fits in elevators
- **Simple**
 - Easy to rig-up
 - Fill-up, flow-back and circulate
- **Alternate High Pressure Connection**
 - To Isolate Top Drive
 - Dual Safety Valves
 - 1502 Side Entry Port
- **Can Be Converted to Full Opening**
 - Mud Saver Valve Internal
 - Components Retrievable
- **Manual Operation**
 - Rig Floor Control Panel
- **Automatic Operation (w/Cup Seal)**
 - Will Auto Set When Casing Pressure Exceeds Set Point
- **Alternate Packer Element Version Available**



*Circulating and flow-back tools
for casing and drill pipe*

