

FORTRESS SPDV

SIDE POCKET DUMMY VALVE



The Tier1 Fortress SPDV is installed in a Fortress Side Pocket Mandrel (SPM) to block the injection ports of the mandrel.

The dummy valve serves as a temporary retrievable plug until gas lift operations are desired. They are typically installed into side pocket mandrels prior to the first run of the gas lift system into the well. The Fortress SPDV is secured into the Fortress SPM by means of a latch and seal mechanism specifically designed to match the profile in the mandrel.

Once the well is to be assisted with gas lift, the Fortress SPDV's are retrieved and replaced with operational Fortress SPV's using standard wireline equipment and procedures. This process is performed completely rig-less and the tubing string remains in position.

The dummy valve provides pressure isolation from between the ID and OD of the tubing string at the mandrel. This permits well operations that may complicate, or be limited by having, operational gas lift valves in position.

CURRENT SIZES

- ⇒ 25.4mm (1") OD
- ⇒ 38.1mm (1.5") OD

STANDARD OFFERING

- ⇒ 25.4mm (1") Valves - Bk-2 Latch or BEK-2
- ⇒ 38.1mm (1.5") Valves - RK or RA Latch
- ⇒ Viton packing

OPTIONS

- ⇒ Stainless steel
- ⇒ Monel
- ⇒ Inconel
- ⇒ Various elastomers
- ⇒ API Certified

FEATURES & BENEFITS

- ⇒ Redundant packing to isolate mandrel ports ensuring longevity of pressure integrity
- ⇒ Field proven design allowing ease of installation and removal
- ⇒ Standard retrieving profiles to ensure compatibility with common wireline equipment

APPLICATIONS

- ⇒ Artificially lifted production wells
- ⇒ Liquid loaded wells
- ⇒ High liquids content production
- ⇒ Liquid rich gas production
- ⇒ Oil wells
- ⇒ Vertical / Deviated / Horizontal
- ⇒ Continuous or intermittent flow

