Permanent Hydraulic Packer
- The liner hanger packer set in the primary casing.
- The seal assembly receptacle for the frac liner installation and tie back completions.
- Set by applying a predetermined pressure.
- One-piece body, full ring opposed slips, packing element with back up rings and a lock ring mechanism.

Anchor Seal Assembly
- Functions as the frac liner running tool.
- Functions as the back connector from liner top packer to surface.
- Installed with straight compression snap.
- Released with right hand rotation.

Permanent Hydraulic ISO Packer
- Open hole isolation packer.
- ISO packers are located for zone isolation above and below the Ball Drop Frac Sleeve.
- Adjustable setting pressures, one-piece body, one-piece open hole packing Element and lock ring mechanism.

Ball Drop Frac Sleeve
- The frac sleeve remains closed until actuated by the ball.
- Adjustable opening pressure.
- Sleeve is locked in the option position.
- Dissolvable ball technology is used to eliminate the need for clean out intervention following successful fracturing.

Differential Frac Sleeve
- Functions as the starter valve for fracturing the first or toe zone.
- Actuated with adjustable opening pressure.
- Internal sleeve eliminates opening interference with the well bore.

Activation Setting Sub
- Enable fill up and circulation through the liner during installation.
- Ball actuated closure with adjustable pressures.
- When closed enables hydraulic actuation of all liner components.

Float Shoe

Benefits
- Open hole, multizone ball drop fracture isolation system.
- Industry proven engineered designs, materials selection and operation.
- Dissolvable ball technology eliminates the need for clean out intervention.
- Cementing of the horizontal lateral is not required.
- Continuous pumping during fracking operation.
- Eliminates the down time and costs associated with plug and perf operations.