Schlumberger XLO-R-B Barrier Series rupture-disks orifice gas lift valves extend the capability of current gas lift systems by increasing the range of operating pressures from 2,000 to 7,500 psi. Based on field-proven Camco® gas lift technology, this new system enables operators to complete high-pressure gas lift wells and operate with higher injection pressures and deeper injection points and thereby enhance well performance. With higher operating pressures, wells can be completed with fewer mandrels and valves.

During operations, the operator can inject high-pressure gas at greater depths to maximize drawdown and increase production.

**High-pressure performance**

XLO-R-B Barrier Series valves are part of the XLift® family of high-pressure gas lift valves that operate with higher injection pressures and deeper injection points. The XLift system uses a positive-sealing check system to replace the velocity check valve systems used in traditional gas lift valves.

The XLO-R-B rupture-disk orifice valve is subsurface controlled, with no physical link to the surface. It features a venturi-flow configuration for more efficient and stable gas flow throughout and a positive-sealing check valve that eliminates potential leak paths to the casing/tubing annulus.

The nonfragmenting burst disk in the XLO-R-B valve provides an integral positive-pressure barrier until flow is required. Applied pressure in excess of the burst-disk pressure rating ruptures the disk and allows the valve to operate as a standard orifice venturi gas lift valve. A large 1¾-in OD enhances performance.