A Dead String installation can be used to prevent liquid loading in wells with long perforated intervals or horizontal laterals to ensure stable production and the lowest possible flowing bottom hole pressure. The installation consists of production tubing and gas lift valves above a slotted crossover flow sub and a dead string below. A traditional gas lift operation occurs and delivers all liquids and gas to the surface.
How it Works:

- With a properly sized Dead String, the produced fluid and gas have adequate velocity in the annular area to flow through the slotted sub and into the production tubing
- A traditional gas lift operation occurs and delivers all liquids and gas to the surface

Typical Dead String Applications:

- Can be run with or without a packer
- Reduces the effective flow area in a long perforated interval to maintain adequate flow velocity and prevent liquid loading
- Can be run on initial completion for a well that will flow, but due to declining reservoir pressure, may have loading or heading problems below the production tubing later

Apergy – Gas Lift offers several advanced methods of gas lift designed to improve recovery from deep vertical wells and long horizontals with multiple zones. These include Annular Bypass Assembly (ABA), Enhanced Annular Velocity (EAV), Dip Tube, and the patented Annular Velocity Enhancement (AVE).

There are a number of variables to consider when evaluating the best solution for your specific application, including gas rates, liquid production and other well characteristics. Backed by more than 30 years of gas lift expertise, our trained production experts can help you select a gas lift system specifically for your needs.

For more information, please contact your local Apergy – Gas Lift sales and service representative or visit us online at www.apergyals.com