Multi-Chem’s Foam Assisted Lift (FAL) solutions help maintain the critical velocity needed to carry liquids to the surface in producing wells where production pressures are not high enough to remove produced fluids from the well. FAL solutions reduce the density of liquids in the well, allowing gas pressure from the reservoir to flow to critical velocity for lift, and stabilizing production by preventing fluids from accumulating and causing liquid loading.

Offering a cost-effective alternative to mechanical lift methods with minimal capital investment, FAL solutions minimize the need for labor intensive intervention required to keep mature wells on production; instead, the result is consistent flow, reduced downtime, and lower operating costs.

Using Multi-Chem’s proprietary FAL modeling software, subject matter experts perform a complete system survey and can recommend a custom designed solution that can be formulated with compatible chemistries for corrosion protection, scale control, hydrate control, or paraffin and asphaltene control, providing maximum benefit from a single injection point.

FAL products can be applied in batch treatments, continuous injection down the backside of wells, or via a capillary string. The products are formulated to be fit-for-use based on application conditions, such as colder climates, high temperature reservoir conditions (deep, hot gas wells), high TDS brines, high condensate wells, and for deepwater production (umbilical certified products).

Experts test chemical FAL products to ensure the proper chemistry to unload the well quickly, minimizing production losses. After applying the solution, Multi-Chem’s expert team continues to monitor well performance and will recommend program modifications to ensure production flow is maintained.
Features

- Reduces fluid density to allow reservoir pressure to flow at critical velocity for lift
- FAL can be applied in batch treatments, continuous injection or via capillary string
- FAL experts design the right application method for the production system
- Proprietary FAL modeling software for well analysis and custom designed solution

Benefits

- Maximizes production and reduces downtime
- Eliminates liquid loading that leads to production shortfalls and high operating costs
- Liquid removal reduces high corrosion rates that cause premature failures, extending equipment life
- Postpones capital costs of mechanical lift (velocity strings, plungers, pumps)
- Cost-effective alternative to mechanical lift with minimal capital investment

FAL products from Multi-Chem are applied at the well to ensure uninterrupted production and liquids unloading.

Experts test chemical FAL products to ensure the proper chemistry to unload the well quickly, minimizing production losses.

Using proprietary FAL modeling software, subject matter experts perform a complete system survey and can recommend a custom designed solution that can be formulated with compatible chemistries for corrosion protection, scale control, hydrate control, or paraffin and asphaltene control.

For more information, please contact your local sales representative or e-mail multichem@halliburton.com

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