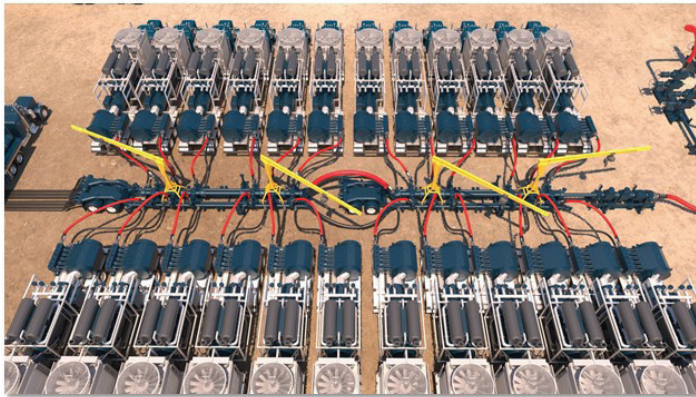


# HYDRALINE<sup>TM</sup> SINGLE-LINE SYSTEM



Field-proven technology providing **enhanced safety**, **reduced complexity**, and is **easily adaptable to any frac pad design**.

- 80% fewer connections and total elimination of all treating iron hammer unions.
- Providing streamlined rig up and rig down that yields up to 50-60% time savings versus legacy-style manifold systems.
- Non-productive time associated with iron failures and leaks of traditional treating iron arrangements reduced by up to 90%.
- Delivering lower operating costs, improved efficiencies, and bolstered well site safety.



## Design Features

Zero Hammer Union Connections

Robust Hub-Style Connections on Remaining Iron Components

Elimination of Swivels and Pup Joints

Prolonged Asset Life on Primary Components

Optimized Pad Layout

Vibration Dampening by High-Pressure Hoses



## Benefits

Improved Safety

Reduced NPT by Mitigating Failure/Leak Points

Decreased Recertification Cost

Improved Total Cost of Ownership

Streamlined Rig Up and Rig Down Efficiencies

Improved Equipment Longevity