

CROSS COMPRESSION

Sustainability and innovation
in natural gas pipeline operations



ESG Benefits at-a-Glance

- Reduced Methane Emission
- Minimized Community Impact
- Research Sustainability Goals
- Safely Control Product

FIGURE 1
Typical Purge to evacuate pipe segment
of Natural Gas

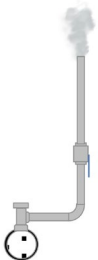
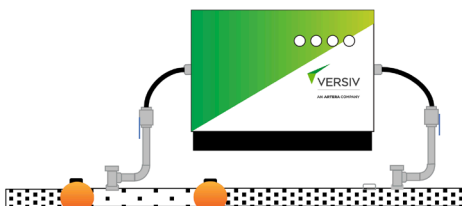


FIGURE 2
Cross Compression to evacuate pipe
segment of Natural Gas



What is Emission-less Abandonment?

Instead of releasing the gas into the atmosphere by venting, specialized equipment moves the gas out of the pipeline being depressurized into another section of the system. This allows a “purge” while minimizing the amount of methane gas blown into the atmosphere.

Application Evaluation

Scope: 6” natural gas pipeline evacuation operating at 120 psi and one mile of length

Equipment required: One Quad D Unit, one 375 CFM Air Compressor, Hoses, Valve tree manifold

Time/Duration: 40 minutes* to compress and recycle gas

Estimated Methane Saved: 10 MCF

*Based on mobilization of one cross-compressor unit. Subject to isolation seal.