



Ryckman Creek Resources

Spire Storage

A USA Gas Storage Facility



An ACI Success Story

Their PROBLEM

- The existing compressors, (4) Worthington BDC-compressors, no longer supported by the OEM.
- Old pipeline plant moth-balled for many years.
- Purchased by Spire Storage with limited reciprocating compressor experience.
- Multiple pipeline connections requiring a wide range of operating conditions.
- Aggressive project timeline after FERC approval.



ACI's SOLUTION

- ✓ Provided complete design and project management services.
- ✓ Modeled performance and developed a performance map to meet all conditions using ACI Simplex and Duplex Unloaders.
- ✓ Designed new cylinder assemblies using existing forged cylinder bodies from the used market.
- ✓ All new internals.
- ✓ Refurbished compressor frames to as-new condition.
- ✓ Refurbished 5500 HP electric motors.
- ✓ New primary and secondary pulsation bottles.
- ✓ Pulsation and mechanical/torsional studies.
- ✓ Provided a "new unit warranty" and "comprehensive product support."

Customer Remarks



"I highly recommend ACI Services to anyone in the market for professional and reliable compressor parts. Whether you need a specific compressor part or a custom plan, its great team will ensure you receive the best customer service and solution for your needs."

-Darren Morris

