Spitzer
A RACE ROCK COMPANY

PROJECT PROFILE:
EXPANSION, AMINE PLANT AND BALANCE OF PLANT (BOP)

Spitzer Supports Midstream Expansion with Modular Process Solutions

PROJECT DETAILS

Client: Leading Midstream Operator **Timeline:** 2025 **Location:** Hobbs, New Mexico

PROJECT OVERVIEW

Spitzer supported a leading midstream operator with a coordinated facility expansion combining amine plant, balance-of-plant equipment, and a 25MMSCFD low-pressure compression addition. The work supports gas treating, dehydration, fuel gas control, metering, vapor recovery, station piping, and modular process infrastructrue needed for reliable midstream operations.

SCOPE OF WORK

The scope included engineering, drafting, fabrication, procurement coordination, project management, and assembly support for multiple integrated packages. Major system included modular amine plant, acid gas manifold skids, an acid gas dehydration skid, fuel gas skid, station ICP, pipe rack modules, LP slug catcher skid with pumps, header skids, dehy skid, glycol regeneration skid, dry gas discharge meter skid, and relatied balance-of-plant piping and instrumentation.

KEY CHALLENGES

- Coordinating multiple interconnected project scopes with shared process and utility interfaces.
- Maintaining alignment between engineering, procurement, fabrication, project management, and shop execution teams.
- Managing long-lead materials and changing market conditions while preserving the project's overall schedule.
- Integrating modular process equipment, utility headers, piping networks, instrumentation, and field tie-in requirements.
- Planning phased equipment delivery around installation sequencing and final skid shipment requirements.

PROJECT PROFILE:

EXPANSION, AMINE PLANT AND BALANCE OF PLANT (BOP)

SOLUTION / APPROACH

Spitzer applied a modular execution strategy that organized the 400 GPM modular amine plant and supporting Balance of Plant (BOP) infrastructure into coordinated fabrication packages. Engineering and procurement planning were aligned around the amine plant BOP scope and the LP compression expansion so that process equipment, pipe rack modules, station ICP, utilities, metering, dehydration, regeneration, vapor recovery components, and facility interconnects could advance as a cohesive facility package.

The project approach emphasized early coordination, standardized skid fabrication practices, parallel work streams, and disciplined communication between engineering, drafting, procurement, project management, and fabrication teams. Spitzer Construction Management team helped support schedule reliability while reducing field installation complexity for the final integrated modular amine plant and supporting infrastructure.

RESULTS / OUTCOMES

- Delivered an integrated modular Amine Plant & Balance of Plant solution supporting the customers expansion needs.
- Supported natural gas treating, dehydration, compression expansion, fuel gas, metering, and station support infrastructure.
- Improved execution consistency through repeatable modular skid design and fabrication workflows.
- Enabled phased delivery planning based on field installation and project sequencing requirements.

UNIQUE HIGHLIGHTS

- Combined a 400 GPM modular amine plant and Balance of Plant equipment with a 25 MMSCFD LP compression expansion.
- Included ASME-coded vessels, skidded process equipment, valves, instrumentation, pipe racks, and interconnect piping.
- Integrated dehydration, glycol regeneration, acid gas, fuel gas, vapor recovery, slug catching, and discharge metering systems.
- Demonstrated Spitzer's ability to execute complex midstream infrastructure using in-house engineering and fabrication resources.

CUSTOMER / PARTNERSHIP IMPACT

This customer project reinforces Spitzer's role as a trusted turn-key provider of modular fabrication and process infrastructure partner for midstream customers. The coordinated execution model helped bring multiple engineered systems together under one practical facility expansion profile while supporting quality, schedule discipline, and long-term repeatability for future infrastructure needs.