



TECHNICAL EXPERTISE

The Stats

Location: Apodaca, Mexico
Project: Compressor station to prepare gas for pipeline
Scope: 9,000 HP of compression capability
Capacity: 250-million scf natural gas per day
Delivery: September 2014



North America's leading pipeline company relies on Exterran to solve tough challenges and deliver a major compression facility

THE CLIENT

The largest midstream company in North America, with an operating interest in approximately 80,000 miles of pipelines and 180 terminals.

THE CHALLENGE

Our client needed to add large-scale compression capacity in northern Mexico. To accomplish this, it also needed a partner that could provide expert support to design the facility, manage the project and operate the finished station.

Furthermore, there were considerable technical challenges to overcome. The discharge temperature of the gas could not exceed 113°F, and ambient temperatures were already approaching 110°F, and our client also mandated that the station maintain a mechanical availability KPI of 99.7%.

With a list of technical challenges and requirements this demanding, the company called in the worldwide leader in natural gas compression – Exterran.

THE SOLUTION

Exterran was awarded the contract to design, build and operate a new compressor station in Apodaca, Mexico. When finished, the station will wield close to 9,000 horsepower of compression capability. At full capacity the station will run approximately 250 million standard cubic feet of natural gas per day.

During the design phase, Exterran engineers collaborated with our client to solve the temperature challenge. The solution was to provide cross exchanging of the suction and discharge lines to cool the gas to acceptable temperature levels. The station will run five compressor units during normal operations, and we added a sixth compressor as a standby unit to meet the 99.7% mechanical availability requirement.

THE RESULTS

Our client partnered with Exterran certainly because we are the global leader in natural gas compression, yet it goes deeper than that. We are providing our client with service like no other company can. We have the experience and expert personnel in Mexico to deliver the project turnkey, encompassing engineering, project management and facility operations.

Choosing Exterran gave our client a 60-year legacy of success. We know how to tackle the toughest technical challenges and handle production the right way. We have the most extensive resources, the type of expertise that produces results, and the kind of people who go out there and get the job done.

We're doing it for our client. Make your project the next.

Exterran

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Exterran is headquartered in Houston, Texas (USA), and has major regional centers in São Paulo (Brazil) and Dubai (UAE).

Exterran Corporation trades on the New York Stock Exchange under the symbol EXTN.