

# Enerflex in action

**Charlotte, Texas, USA**

## Sour service injection compressor for oil well reclamation

Safe and successful completion given higher than predicted H<sub>2</sub>S content and unexpected debris found in gas.

As part of an oil well production upgrade, Enerflex provided two JGA/2 compressors with tandem cylinders, each driven by 350 HP Toshiba electric motors. Thanks to a 400 HP Toshiba variable frequency drive, provided by Enerflex, these units can operate over a speed range of 900 RPM to 1,800 RPM.

Each package was provided with: 1) a local Allen Bradley HMI control panel, which was remote-mounted with a 15-foot umbilical cord; and 2) a second HMI for remote monitoring / control, providing additional safety for operators.



## Outcome

Enerflex worked with the customer to troubleshoot the installation, as well as solve the mechanical challenges associated with higher than predicted H<sub>2</sub>S content and unexpected debris found in the gas stream. With safety top of mind, respirators were required while onsite due to H<sub>2</sub>S exposure risk — yet the project completed on time and within budget, with zero loss time incidents.