

ENERFLEX

The Single Source



COMPRESSION SYSTEMS RE-DESIGNED TO SERVICE NEW GAS BOOSTING COMPRESSOR STATION, USA

Valuable assets, re-purposed to meet new design requirements, save customer both time and money.

PROJECT OVERVIEW AND CHALLENGES

Enerflex designed, modified, procured, and installed two re-furbished compression systems for gas boosting service at a new grass roots compressor station near Butler, Oklahoma to serve increasing demand in the Granite Wash resource play. Customer requirements included re-using as much of the existing JGD/4, 3608 and JGK/4, 3606 gas engine driven compressor units to include the engine, structural steel frame, coupling, compressor frame, and engine driven cooler for each system.

UNIT LOCATION

Custer County, Oklahoma, USA

ENERFLEX SOLUTION

The Enerflex solution included the replacement and re-balancing of all four cylinders on both the JGD and the JGK compressor frames to meet an inlet capacity of 160 mmscf/d and 152 mmscdf/d each respectively. New suction bottles, discharge bottles, and suction scrubbers were fabricated for the first stage of compression on each of the compression systems and an acoustical study was also provided. A total of 20 days, 10 days per package, were spent performing the compressor work on-site to help the customer realize additional savings on transportation costs. Enerflex completed the job safely and on-time.

CONTACT DETAILS

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