

Enerflex in action

Block 62, Maradi Huraymah Field, Oman

Natural gas compression facility – boom solution

Enerflex delivers a fast track project early and on-budget with a strong focus on safety.

Enerflex installed eight JGT/4 Ariel reciprocating compressors, coupled with Waukesha 7044GSI S4 engines, as part of a two-phase design, Build-Own-Operate-Maintain (BOOM) contract. The eight compressors each produce 1,647 HP at 1,200 RPM, totaling 11,529 HP.

Working to tight client deadlines and performance guarantees, the Enerflex team installed a fully operational compression plant consisting of the compressors, new slug catcher, condensate collection vessel, liquid heater, liquid booster pumps, new inlet pre- and post-filters, new liquid/ liquid coalescer, instrument air package, fire and gas detection system and interconnecting piping, electrical and instrumentation in the greenfield and brownfield. An E&I container was built to house the MCC, UPS, and DCS connected with the existing DCS system.



Outcome

The Maradi Huraymah Field is reaching maturity, requiring depletion compressors to meet current and future performance targets. A separate gas supply was provided for individual compressors commissioned by Enerflex technicians without affecting the operation of the existing plant. All cost, time targets, and discharge guarantees were met, with minimal downtime. There were zero environmental releases and no pollution.