



ENERFLEX

The Single Source

FUEL GAS TREATING UNIT, YEMEN

Increased methane content by 25% and recover 159 b/d of NGL

PROJECT OVERVIEW

This project was executed to replace diesel fuel being used in the Sharyoof and Bayoot fields with fuel gas by installing a Fuel Gas Treating Unit (FGTU) at Bayoot CPU. This provides a fuel gas quality suitable for use in the bi-fuel systems and engines already provided at Sharyoof. In addition, the FGTU also provided 128 to 159 b/d NGLs that could be exported with the Bayoot oil production. Consumption of the treated gas also reduced flaring at the Bayoot site.

UNIT LOCATION

Bayoot Oilfield, East Sarr, Block 53, Republic of Yemen

ENERFLEX SOLUTION

Enerflex provided a modularized Fuel Gas Treating Unit including an electric driven, two stage reciprocating compressor, forced draft Aerial coolers, HIMA XMR control panel, pressure vessels, internals, skid assemblies, steel structure, on-module piping / fittings, valves, electrical / mechanical equipment and instrumentation with a design capacity to treat 3 mmscf/d of gas to increase methane content in fuel gas from 60% to 84% and recover 159 b/d of NGL.

CONTACT DETAILS

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