

# **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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