



## GAS

### LP Gas Compression at 103A Zueitina Oil Company

#### **Profile:**

Up to 20 MMSCFD of Natural Gas is currently produced at 103A as associated gas, and then flared. the owner ZOC (Zueitina Oil Company) wishes to use this gas for injection, both as it reduces the environmental impact of the station and because it releases other gas for sale.

The gas is compressed in a live stage compressor driven by a single gas turbine, all supplied by Solar Turbines. Most of the gas is delivered to the compressor at 40 psia, with a side stream at about 300 psia. Gas is delivered at 500 psia to a distribution pipeline.

Contract duration is 2 years.

Penspen provided the following services:

- Project Management
- Detailed Design
- Procurement and management of turbine and compressor capable of 20 MMSCFD
- Material Procurement and Expediting
- Training of ZOC personnel
- QA and HSE
- Document Control
- Subcontract Construction to Primary Contractor
- Site Supervision, and management
- Commissioning



**Penspen Contract:** Engineer, Procure and Construct

**Project Value:** €14M