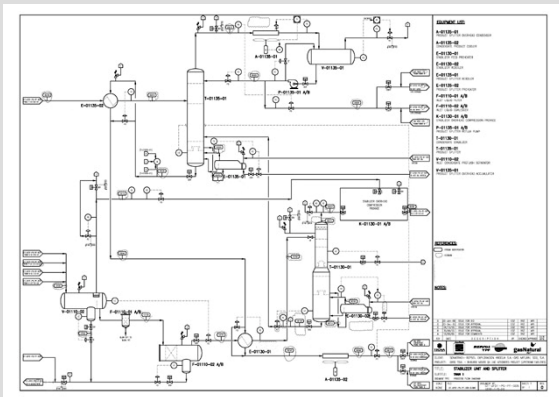
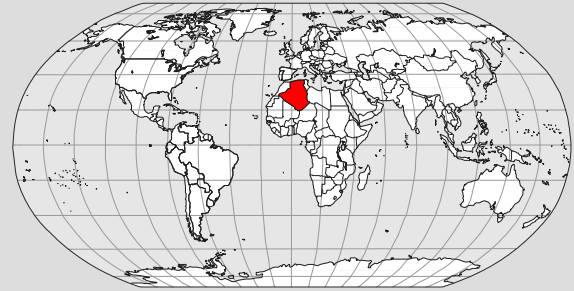
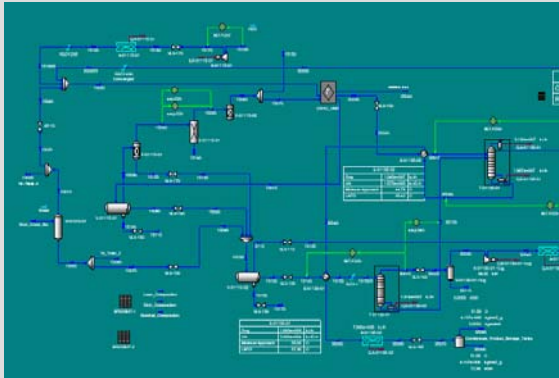


LPG RECOVERY PLANT – GASSI TOUIL COMPLEX Sahara Desert, Algeria – REPSOL EXPLORACIÓN ARGELIA



Main Facts

- **Gas Processing Capacity:**
17 MMSCMD (600 MMSCFD)
- **Liquids Processing Capacity:**
4,270 m³/d (26,850 bpd)
- **Schedule:** June 2005 – March 2006
(10 months)

Scope

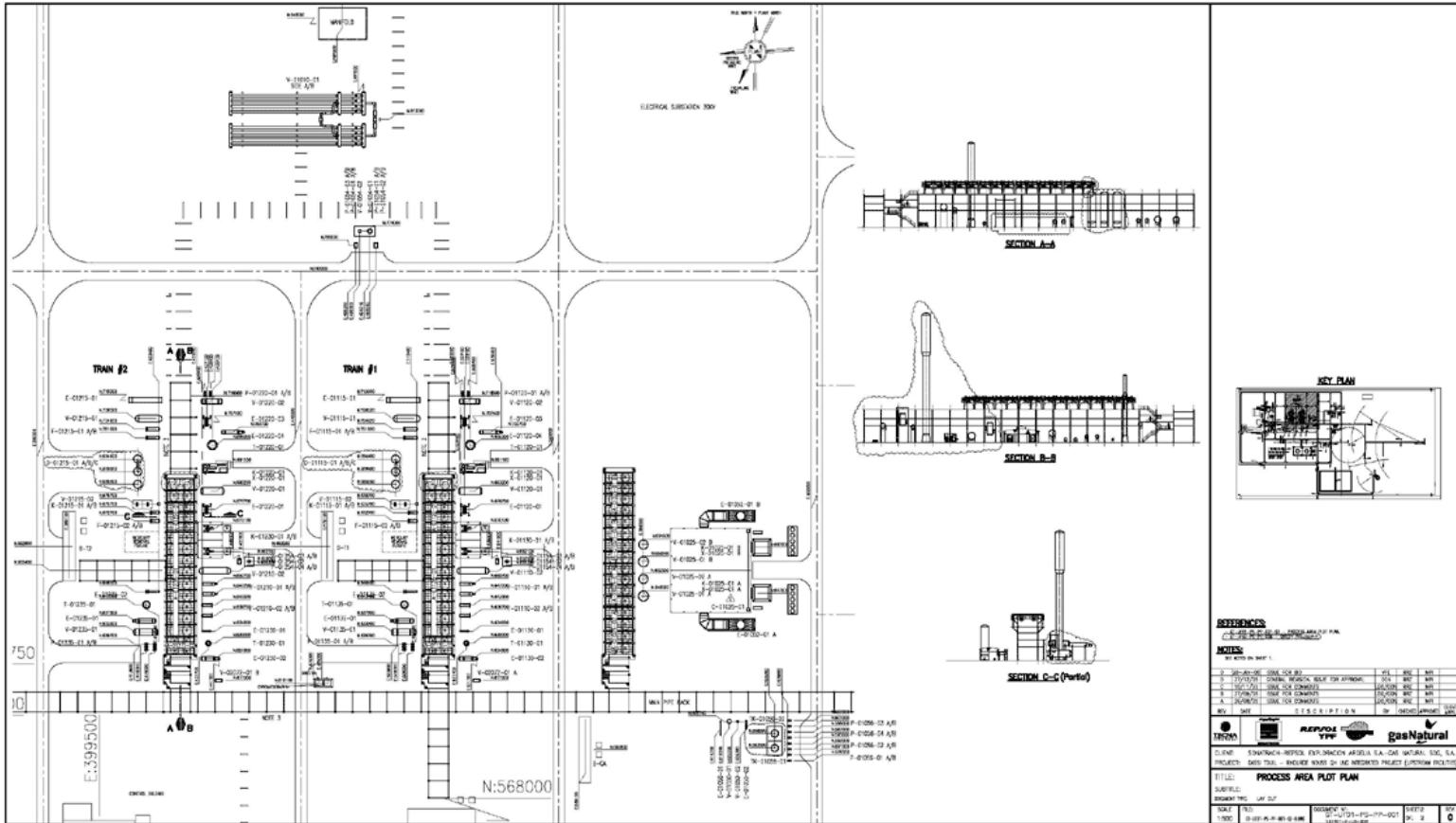
- LPG Technology Screening
- Conceptual Engineering
- Design Philosophies Development
(whole Gassi Touil Complex)
- Front End Engineering Design (FEED)
- HAZID & HAZOP Assistance
- Long Lead Items Requisitions
- Material Take Off

Facilities

- Receiving Facilities: Slug Catcher
- NGL Recovery (Turboexpansion)
2 Trains
- Condensate Stabilization and LPG
Fractionation – 2 Trains
- Residue Gas Compression – 2 Trains
- Utilities (waste heat recovery, heating oil,
flare system, etc.)

Highlights

- Extensive NGL recovery technologies
screening, considering different
Licensors and recently built plants
- Gassi Touil Complex also includes
Amine Sweetening, CO₂ Injection and
TEG Dehydration plants (flare system,
tie-ins, electrical distribution, control
system architecture & lay out developed
considering whole complex)
- In-depth materials selection and
corrosion studies
- Optimization of vent systems capacities
& flares lay out (plant had 4 flares)



GASSI TOUIL COMPLEX – LPG RECOVERY PLANT – SAHARA DESERT, ALGERIA – REPSOL EXPLORACIÓN ARGELIA S.A.

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