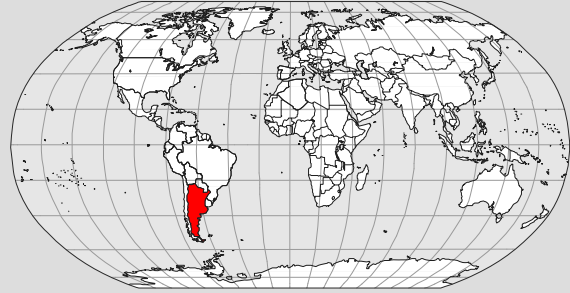


GAS TREATMENT PLANT – BARDA LAS VEGAS & CÓNDOR Santa Cruz, Argentina – PETROBRAS ENERGÍA



Main Facts

- **Gas Processing Capacity:**
3,1 MMSCMD (109.5 MMSCFD).
- **Liquids Processing Capacity:**
450 Sm³/d (2830bpd)
- **Schedule:** July 2004 – February 2005
(9 months)

Scope

- Conceptual Engineering
- Basic Engineering
- General Specifications Development
- HAZOP Study
- Equipment Requisitions
- Equipment Bids Analysis

Facilities

- Receiving Facilities: Slug Catcher
- LPG Recovery (Mechanical Refrigeration)
- MEG Injection & Regeneration
- Residue Gas Compression
- LPG Storage & Truck Loading
- Utilities (heating oil, fuel gas, vent and drain system, fire fighting system, etc.)
- LPG Trucks Unloading & Fractionation (Córdoba Plant)

Highlights

- Logistic analysis for LPG transportation between Barda Las Vegas & Córdoba plants: number of trucks and storage capacity (LPG recovery performed at Barda Las Vegas Plant, LPG fractionation performed at Córdoba Plant located 200 km away)
- Optimum LPG production alternative selection
- Revamping necessary due to significant changes in inlet gas conditions (composition, pressure, temperature, gathering system)
- Slug catcher volume determination according to new gathering system configuration
- Tie-in evaluation and integration with existing facilities.



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