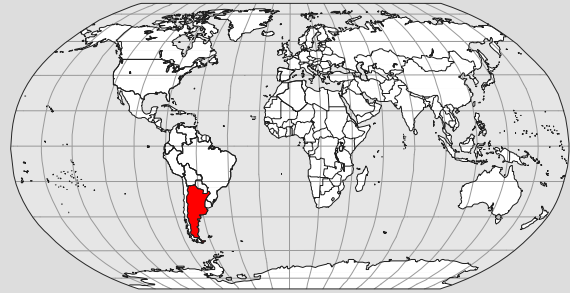


CATALYTIC CRACKING REVAMP PROJECT – LA PLATA REFINERY La Plata, Buenos Aires, Argentina – REPSOL YPF



Main Facts

- Replacement of Reactor Cyclones
- Increment Residue Processing Capacity:
- Increment Air Consumption for Burners, lift and fluffing.
- Upgrades in FCC Fractionation Train.
- Schedule: September 2006 – Planned February 2008 (17 months)

Scope

- Basic Engineering Verification
- Detail Engineering
- Procurement
- Fabrication
- Construction
- Commissioning
- Start Up Assistance

Facilities

- Reactor Cyclones.
- Catalyst Cooler
- Electric Driven Centrifugal Air Compressor.
- Steam Drum
- New Vacuum Unit Feed and Fractionator's Bottom Pumps.
- Fired Heaters and Heat Exchangers Revamps
- Utilities (fuel gas, seal gas, fire fighting, instrument air, etc.)

Highlights

- Replacement of the reactor cyclones together with the reactor top head.
- Detail analyze of the Crane position and procedures.
- Required tie-ins were analyzed in great detail to minimize downtime
- Construction performed in an operating plant.



CATALYTIC CRACKING REVAMP – LA PLATA REFINERY, BUENOS AIRES, ARGENTINA – REPSOL YPF

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