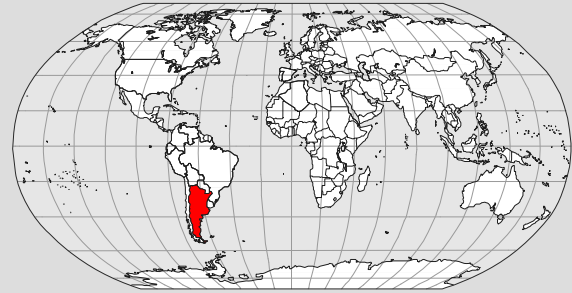


## COKER UNIT REVAMPING – FEL 3

La Plata, Buenos Aires, Argentina – REPSOL YPF



### Main Facts

- **Processing Capacity:**  
185 m<sup>3</sup>/h
- **Coke Storage Capacity:**  
12,500 ton
- **Schedule:**  
December 2007 – October 2008  
(10 months)

### Scope

- FW Package Consistency Check Analysis
- FEL 3 Coker Island
- Basic Design & FEL 3 Off Sites
- Basic Design & FEL 3 Coke Storage and Handling System.
- Fractionation and Gas Concentration Systems Debottlenecking Study.

### Facilities

- New Coker Island for 185 m<sup>3</sup>/h fresh flow rate, including Coker Heater, Coker Drums, Coke Cutting Systems and Blowdown System.
- Main Fractionation revamp including new Heater Charge Pumps.
- Off Sites.
- Coke Storage & Handling System including Coke Dom, Coke Conveyors, PAD, etc.
- New Rail Car and Trucks Loading Station.
- Electrical Station Expansion.
- Fractionation & Gas Concentration Debottlenecking.

### Highlights

- Construction Feasibility Study, taking into account the reduced space available.
- New rail tracks study for by passing current Coker storage area.
- Coker Heater Design Revision.
- Coker Drums Logistic Study.
- Debottlenecking of the oldest plant in the refinery.



## COKER UNIT REVAMPING – FEL 3 – LA PLATA, BUENOS AIRES, ARGENTINA – REPSOL YPF

### ARGENTINA

Encarnación Ezcurra 365  
C1107CLA Buenos Aires  
Ph.: +54 (11) 4347 0300

### BOLIVIA

Torres CAINCO  
Av. Las Américas 7 - Piso 10  
Santa Cruz de la Sierra  
Ph.: +591 (3) 336 2263

### BRAZIL

Rio Office Park - Av. Victor Civita 77  
Bloco 1, Edif. 6.2, 6° andar  
22775-044 Barra da Tijuca  
Rio de Janeiro (RJ)  
Ph.: +55 (21) 3535-9855  
Fax: +55 (21) 3535-9887

### COLOMBIA

Calle 99 No. 9A - 45 Oficina 303 A  
Barrio Chicó, Bogotá DC  
Ph.: +57 (1) 745 8069  
Fax: +57 (1) 745 8077

### ECUADOR

Av. República de El Salvador 780  
Edificio Twin Towers - Piso 6 - Quito  
Ph.: +593 (2) 292 3943

### MEXICO

Paseo de la Reforma 373 - Piso 14  
Col. Cuauhtemoc, México D.F  
Ph.: +52 (555) 207 2625

### PERU

Av. Canaval y Moreyra N° 452,  
Oficina 1401, San Isidro, Lima 27  
Ph: +(511) 705 3070

### SAUDI ARABIA

P.O.Box 3865  
Al Falak Towers, 5th.Floor  
King Abdulaziz Road  
Al Khobar 31952- KSA  
Ph.: +966 (3) 887 5339

### SPAIN

Av. del General Perón 38,  
Edificio MASTER's 1 - Planta 13  
28020, Madrid  
Ph.: +34 (91) 556 6359 / 6751

### USA

2500 City West Boulevard,  
Suite 300  
Houston, Texas  
Ph.: +1 (713) 405 1836

### VENEZUELA

Quinta Zamira, Sede EPSA,  
Urbanización Chuao, Municipio Baruta,  
Caracas, Venezuela  
Ph.: +58 (212) 993 2215 / 3588