




SUPPLY OF ELECTRICAL AND CONTROL ROOMS

EPF Los Toldos | NEUQUÉN | ARGENTINA.

ENVIRONMENT

The North American oil company ExxonMobil carried out the infrastructure works to increase its production in "Vaca Muerta" (Dead Cow), with the opportunity for massive development that it recently disposed in the "Bajo del Choique" block, in the Los Toldos area, located about 60 kilometers southeast of Rincón de los Sauces. The facilities have the capacity to process 2.2 million cubic meters of natural gas per day and 950 cubic meters of oil. The facilities will be destined for the moment to the production that is extracted from the seven wells already set up there and will be linked in the case of crude oil with the Bajo del Choique plant, to later be transported by trucks for commercialization.



	28		12		70% ↓ Electric Shelter 20% ↓ Control Shelter 10% ↓ Engineering	2018
EXECUTION	WEEKS	WORK TEAM	ENGINEER/TECHNICIAN	COMPOSITION	DETAIL	

PROJECT DESCRIPTION

- **Engineering Development:** Preparation of plans for the manufacture of Shelters, electrical plans for the boards (Heat Tracing, Exterior Lights, AC/DC UPS), distribution and integration of each of the equipment within the Electrical Rooms.
- **Manufacture of Shelters:** Manufacture of Electrical and Control Shelters, logistics and transportation for the transfer to the Field.
- **Factory Acceptance Tests (FAT):** tests corresponding to each of the equipment supplied to the customer, according to the procedure requested by ExxonMobil.
- Assembly and Positioning of **CCM (Rockwell Automation)** and AC/DC UPS (**EATON**) + Battery Banks and Auxiliary Boards in Electrical Shelter.
- **Site Acceptance Tests (SAT):** On-site tests were carried out with the client, validating its correct assembly and operation as requested.
- **Pre-commissioning and Setting up tests:** In conjunction with the customer's electrical technical support, motor testing and protection adjustment control were carried out.
- **DataBook:** Presentation of engineering documentation of the as built project of each of the plans.

