



Pars Oil and Gas Company

Production and Operations Management



Management Goals

Production and operation department of Pars Oil and Gas Company (POGC) is responsible for the following issues by means of utilizing both technical knowledge and valuable operational experiences of its experts :

- Managing the production of south pars gas field.
- Maintenance of platforms' facilities, wells' equipment and sea lines.
- Managing South Pars Central power plant.
- Supervision on the contractor activities.
- Feed supplying for 11 refineries of south pars.

This management consists of different sections which have certain duties to achieve the goals of the organization.

South Pars Gas Field History

South pars gas field is the greatest gas field in the world which is located in the Persian Gulf. The field is shared between Iran and Qatar. It is located offshore, 100 Km far from the south of Iran. It was explored in 1971 and the first appraisal well was drilled in 1980. Area About 3700 square Km is allocated to Iran, and Qatar's share is 6000 square Km area of this reservoir. The OGIP of Iranian part includes 470 TCF and 18 B Bbl condensate while Qatari part has 900 TCF and 35 B Bbl condensate.



Various Departments

- Offshore Platforms

This department is in charge of wells production and also all necessary services for offshore platforms and sea lines such as start up, control, maintenance of offshore facilities and pigging operations.

- Engineering and Technical Services

Engineering department consists of several sections: Process Engineering, Production Engineering and Reservoir Operations, General Engineering, Telecommunication and Laboratory. This unit is in charge of such crucial responsibilities as analyzing the wells performance and potential, process facilities management and resolving their problems, analyzing the performance of the processing installations, problems and disorders in the processing installations, assessing the projects & engineering designs, applying new technologies in the installations, cooperating in the maintenance of the installations with other units, technical examination and approval of the items to be purchased, and Chemical analysis of produced gas and water.





Drilling



Production & Drilling



Production



- [Well Technical Services Department](#)

This department equipped with surface & downhole equipments, is responsible for planning & coordination of all maintenance and testing operations performed on the well. (Well Head Maintenance; Well Logging; Measurement of static & flowing pressure, Production & Temperature log). This unit consists of two subdivisions; Well Services unit and Well Testing and Logging Unit.

- [Maintenance Department](#)

All workshop & technical support for maintenance of platforms' mechanical, electrical & instrumental systems is performed in this department. A well-equipped central workshop in Assalouyeh is assigned to do any maintenance activities which are not possible to be done in the platform.



- [South Pars Central Power plant](#)

This unit (Be'sat power plant) in Assalouyeh is in charge of producing power supply required for refineries of phases 9/10, 15/16, 17/18 And gas sweetening of phase 6-7-8, supporting power for the refineries of phase 1 to 8 & some downstream industries in PSEEZ.



This Power Plant includes 6 units with the capacity of producing 940MW electricity in ISO conditions individually.

- [Dispatching Department](#)

This department is responsible for coordination of production between platforms & onshore refineries. To do so, dispatching should prepare & provide all production and maintenance programs and makes required coordination for on-time performing the plans. Also all reports & information related to production and maintenance are sent to this unit and then will be represented to the management in the form of Daily, Monthly & Annual reports.

- [HSE & Firefighting](#)

Responsibilities of this department is providing a safe and secured environment and firefighting as required at the workplace, improving performance and solving the problems, preventing incidents, performing scheduled service and control of equipments & Firefighting systems, inspecting & supervising for implementation of all national & international standards for equipments & safety and firefighting apparatus and also issuance of required permits.

Financial Aspects of Production

Development and production from all phases of south pars gas field , the share of gross national income increases . This field would make a considerable and strong prospect in the growth of oil & gas industries.

The share of south pars gas field from the total daily gas production of the country is 46 % and its financial value is estimated to 120 million \$ per day.