

# Types of employment offered at Junex Inc.



## Exploration geologist

The main objective of the exploration geologist is to develop the geological aspects of the exploration model of the company and prepares geophysical and geological reports. He also gives technical support to the wellsite geologist.

## Development geologist

The development Geologist is responsible for the geological projects inside the Development and Reservoir Engineering sector. He evaluates logs and is responsible for the environmental aspect of the exploration work when necessary.

## Drilling engineer

The drilling/completion engineer has to ensure that the drilling/completion of wells are carried out without any problems. He provides technical support in engineering for all the different phases of oil and gas extraction. Therefore, he has to schedule and prepare the drilling program, supervises the progression of the work and supplies technical support on site. The engineer has to evaluate the performance of the drilling/completion work as well as all the different factors that can influence the cost and efficiency of the whole process.

## Geophysician

The geophysician is responsible for suggesting, elaborating and supervising the different geophysical seismic survey programs and, suggesting exploration targets. He contributes in the development of various projects by commenting on the geophysical and geological aspects.

## Mechanical engineer

The mechanical engineer is responsible for the exploration and production equipments. He takes an active part in the research, the conception and heavy equipment maintenance in order to optimize the oil and gas drilling operations while lowering the costs.

## Reservoir engineer

The reservoir engineer is responsible for the design, the execution and the interpretation of the production tests. He acquires and develops tools (probes, software, database, etc.) to increase the knowledge related to the reservoirs. He also participates the to production and drilling operations.

## Wellsite supervisor

The wellsite supervisor ensures the supervision of the drilling work. He collects data, writes the daily reports and he is also responsible for the site logistic (equipment, material, layout, etc.). As the company's representative, he does the liaison between the drilling engineer and the drilling contractor and he ensures the drilling operations proceed smoothly.

## Drilling supervisor (Toolpusher)

The main responsibilities of the drilling supervisor are:

- Responsible for the mobilization and demobilization of the drilling rigs;
- Responsible for the Rig Up and Rig Down of the drilling rigs;
- Coordinates the drilling teams (usually 3-4 teams);
- Responsible for the daily drilling activities;
- Works in accordance with the company's policies, the environmental regulations and other applicable governmental laws;
- Performs the preoperational work for the drilling rigs installation;
- Responsible for the management of all personnel;
- Completes the required documentation (employment form, drilling log, purchase order, etc.).

## Driller

The driller's responsibilities are, in some ways, comparable to those of the drilling supervisor. He has to ensure that the work is carried-out safely, efficiently and in accordance with the company's procedures as well as the governmental agencies regulating the industry.

In addition to supervising the drilling team, the driller operates the lifting and drilling devices, manages the drilling rig floor, the console panel including the brakes, monitors, accelerator, clutch and all the different indicators. The readings and information feed-back obtained by the console panel allows the driller to make adjustments when necessary.

## Derrickman

On an oil and gas drilling rig, the derrickman is responsible for the highest part of the drilling pipe assembly when they are pulled out or entered into the well. This process is often referred to «tripping out, tripping in» and is frequently done in order to replace the drilling bits or to fish out equipment that broke in the well. The derrickman work on the monkey board which is a platform located at the top of the mast (derrick) of the drilling rig and plays a major role in pilling the tubing pulled out of the well or to guide the tubing in order to reconnect it to the drilling assembly when tripping in the well. So, if you are scared of heights, this is not a job for you.

## Motorman

The main responsibilities of the motorman are to keep the drilling equipment's engines in good working order. For example, the engines used to lift the tubing, to turn the rotary swivel which turns the drilling bit, and to mix and circulate the drilling fluids such as mud. The equipment varies from one drilling rig to another but are generally a combination of diesel and electrical engines.

## Roughneck

The roughneck is directly implicated in the drilling process under the supervision of the driller. This position is extremely demanding physical work. He provides assistance to the other members of the drilling tea