

# Junior Fractured Reservoir Characterization Geologist

## Summary

- **Title:** Junior Fractured Reservoir Characterization and Modeling Specialist
- **Contract Type:** Temporary and/or permanent position
- **Base Location:** Rueil-Malmaison, near Paris, France, with missions abroad
- **Job Reference:** 2024-Frac-Junior

## Job Overview

Beicip-Franlab is a world leading consulting company, renowned for its technical excellence, providing services and software allowing our customers to improve their understanding of the subsurface to tackle a wide range of challenges in the domains of Oil & Gas, CO2 storage and Geothermal energy. Our company is seeking a Fractured Reservoir Characterization Specialist to join the Reservoir Characterization team to support the development of its consulting activities.

As a Junior Fractured Reservoir Characterization Consultant, you will be expected to work in integrated project teams composed of experienced geologists, geophysicists and reservoir engineers. You will carry out all tasks related to fractured reservoir characterization and modeling from bore-hole images, cores, electric logs, geomechanical information, dynamic data and seismic attributes analysis, using Beicip-Franlab proprietary solution FracaFlow™ software and workflow.

The successful candidate must have basic knowledge of fracture analysis and modeling workflows and geomechanics. Programming skills would be a plus, as well as academic knowledge in other geoscience domains, such as structural geology, rock physics, geostatistics, tectonics and geodynamics.

You will be based at Beicip-Franlab headquarters in France (Paris area) with opportunities to travel abroad.

The role is ideally suited for candidates who wish to:

- Work in a dynamic and motivating environment,
- Work in a culturally diverse environment with a wide range of clients all over the world
- Seek opportunities to work on a wide range of projects and technical challenges,
- Take responsibilities and actively contribute to successful projects.

Further to this position, various career paths within Beicip-Franlab organization may unfold.

## Responsibilities

Acting as Junior Consultant, you will directly report to the Reservoir Characterization Team Leader. You will be expected to:

- Perform qualitative and quantitative fracture analysis, from core observations, borehole resistive and acoustic imageries and seismic attributes, integrating petrophysical logs, geomechanics, dynamic reservoir information, structural geology concepts and regional information.
- Design and/ or optimize fracture characterization workflows involving geomechanics (1D at well and 3D models), qualitative and quantitative seismic attribute analysis, and reservoir engineering results.
- Perform fracture models with the in-house FracaFlow™ software, in different reservoir and structural contexts, including structurally complex fields and triple-porosity reservoirs.
- Work actively in integrated project teams (with geologists, geomechanics engineers, geophysicists, and reservoir engineers).
- Participate to the presentations and discussions with the Client from data collection to results delivery.
- Thanks to an access to in-house leading-edge technologies, you will apply innovative methods and actively participate to the evolution, development and promotion of our fracture characterization and modelling software.

This is an ideal role for an active, innovative, and ambitious geologist who wishes to be actively contributing to successful energy development projects.

## Qualification And Experience

The applicant should meet the following requirements to be eligible for the position:

- An MSc/PhD degree or engineer diploma in Geology/Structural Geology is essential.
- First experience in fracture characterization, in Oil & Gas and/or Energy Transition industries is a plus.
- A strong interpersonal and communication skill, written and oral, is essential.
- A commitment for mobility as the job implies overseas missions.
- A confident and assertive personality with the ability to provide effective technical support and soon articulate strong technical arguments to answer Clients' expectations.
- Fluent English mandatory. French, a plus. Spanish, advantageous.

Email to [job@beicip.com](mailto:job@beicip.com) or by mail to:

Beicip-Franlab - Human Resources Department  
232, avenue Napoléon Bonaparte  
92 500 Rueil Malmaison – France