

Internship in Reservoir Engineering

Summary

- **Length:** 5 to 6 months
- **Location:** 232 Avenue Napoléon Bonaparte, Rueil-Malmaison, 92500, France
- **Reference:** RP-2021-02
- **Starting Date:** March-August 2021
- **Internship paid and compliant with school conventions**

Job Overview

Title of the Internship:

Feasibility study of intermittent gas-lift

Intern Profile:

Final year student enrolled in a master's degree program in Petroleum and Reservoir Engineering.
Fluent in English.
Knowledge of Prosper/GAP is a plus.

Objectives:

- Estimate oil production gains and gas injection reductions by implementing intermittent gas lift instead of continuous gas lift on wells with low productivity index.
- Evaluate impacts on surface network, propose remediation.

Main tasks undertaken during the internship:

- Bibliographic review of gas lift methods and completions, intermittent gas lift implementation worldwide and lessons learned.
- Hand-on learning of Prosper/Gap using tutorials and Beicip-Franlab internal workflows.
- Perform feasibility and comparison of implementing intermittent gas lift on a case study.
- Write a technical note in English with advantages and drawbacks of using intermittent gas lift instead of continuous gas lift, address conclusions and recommendation related to case study.
- Write a report in English.
- Present the results to Beicip-Franlab reservoir engineers in English.

The intern will be coached by a senior reservoir engineer.

Software used

- OFM (Schlumberger)
- MS Excel, VBA
- Prosper/GAP/Openserver (Petex)