

Petrophysicist (St. Petersburg office)

Nostrum Oil & Gas, an independent multi-field oil and gas company engaging in the production, development and exploration of oil and gas in the pre-Caspian Basin, is looking for an Petrophysicist.

KEY RESPONSIBILITIES

- Provide deterministic and probabilistic petrophysical interpretations.
- Provide interpretations for porosity and fluid content in addition to other formation properties such as lithology, clay content, mineralogy, permeability, fluid contacts, and reservoir pressure regimes; utilizing logs and modelling to characterize the formation, based upon drilling-mud invasion processes.
- Review core description and thin section analysis for petrophysical integration.
- Analyse image interpretation for thin bed analysis, bedding dip, structural analysis and facies interpretation.
- Provide cement log interpretations for testing applications.
- Prepare final petrophysical reports.
- Plan formation evaluation programs.
- Contribute to the assessment of exploration project volumetrics.
- Conduct well correlation.
- Provide QC of works provided by Contractors.
- Create and maintain petrophysical database.
- Participate on multidisciplinary teams and assists team members in developing and understanding integrated petrophysical, geological, and geophysical reservoir flow models.

QUALIFICATION, EXPERIENCE, REQUIREMENTS

- Master's or Bachelor's degree in Petrophysics, Petroleum Engineering, Geology, Geophysics, Physics or other scientific or petroleum-related discipline.
- 10+ years' experience in Petrophysics and related subsurface evaluation work in a variety of geological settings.
- Experience in interpretation of both carbonate and clastic sections.
- Proficiency in petrophysical software such as Techlog, Interactive Petrophysics, or equivalent petrophysics software, and Python scripting.
- Excellent knowledge of the Russian and English languages, both oral and written.
- Advanced level of proficiency with core analyses and core-log integration for reservoir properties.
- Advanced integration skills with other subsurface disciplines.
- Profound knowledge of sedimentology and geomechanics is preferred.
- Proactive attitude, ability to work under pressure, meet deadlines, deliver quality results.
- Strong organisational skills and attention to detail.

EMPLOYMENT TERMS

- Starting date: as soon as possible
- Duration: permanent
- Working schedule: 5 working days/ 2 days off
- Location: St. Petersburg, Russia
- Salary: negotiable

Please apply via Employment page at <http://nostrumoilandgas.com>