



# Petrophysicist I

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**Department:** Reservoir Solutions  
**Reports to:** Senior Vice President, Technology  
**Location:** Denver, CO or Houston, TX

## DESCRIPTION:

As a member of the Reservoir Solutions department, the Petrophysicist I will assist in the generation and processing of interpreted petrophysical logs, and will contribute to petrophysical interpretation across multiple basins and geologic formation. Prior exposure to log analysis or basic training in petrophysics is essential for this position. Responsibilities will include locating, editing, and quality assessment of suitable logs for interpretation, as well as loading of such data into relevant software platforms. The position will work with other geoscientist and engineers on integrated projects along with support log analysis needs across the company. The successful candidate will also work with other geologic data (geochemistry, core, rock property data, etc.), and responsibilities will include quality assessment, prescreening and preparation of such data for use in calibration of petrophysical models. This position offers the opportunity to work under the technical supervision of a senior Petrophysicist, and will include training and progress towards petrophysical interpretation with limited supervision. This eventually will include interaction with clients, interpretation and supporting of Petrophysics in collaboration with and across multiple disciplines.

## PRIMARY DUTIES AND RESPONSIBILITIES:

- Under limited supervision, provides petrophysical interpretations using existing models and provides these results for internal and external needs;
- Data mining for appropriate files suitable for processing and loading in Petrophysical software;
- Preprocessing of raw log data, including quality control, editing and repairing such data;
- Preprocessing of raw core / lab data, including quality control, and loading into software;
- Recommends appropriate methods and solutions for streamlining data handling;
- Works under senior staff to provide autonomous Petrophysical support and interpretation;
- Contributes to, edits and aids in report writing for internal use and for client proposals;
- Provides client follow-up and product delivery within the Petrophysics domain;
- Participates in client meetings and generates technical presentations;
- Develop asset optimization strategies to continuously improve the economic performance of the asset

## QUALIFICATIONS:

- B.Sc. in Geoscience or related discipline with 3 years relevant work experience or equivalent, or M.Sc. with 1-year relevant work experience or equivalent, or Ph.D. in Geoscience;



- Must understand the basics of standard log analysis, core data and associated analysis and use of modern logging techniques
- Some knowledge or understanding of reservoir properties: PhiT, Sw, Perm, and lithology preferred
- Related knowledge of field operations, wireline logging and industry practices preferred
- Prior knowledge or use of CGG PowerLog Petrophysical software platform preferred
- Prior knowledge or experience as Geotech or Petrophysical tech and data loading preferred
- Experience in shale/resource plays a plus

#### **PERSONAL ATTRIBUTES:**

- Must be able to work both independently and as part of multi-disciplined teams
- Must be able to work, interact with, and clearly communicate with clients
- Ability to multi-task
- Strong analytical skills
- Strong written and verbal communication skills
- Ability to present technical materials

***The job duties listed in this job description may not be inclusive of all requirements of this position. Other duties may be assigned by your supervisor and/or manager.***

*The above statements are intended to describe the essential functions and related requirements of persons assigned to this job. They are not intended as exhaustive list of all job duties, responsibilities and requirements.*

**All interested parties should send their CV/resume for consideration to:**

[careers@premieroilfieldlabs.com](mailto:careers@premieroilfieldlabs.com)

#### **ABOUT PREMIER OILFIELD LABORATORIES**

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The rapid growth and achievement of Premier and its clients is anchored in our philosophy of "keeping science ahead of the drill bit". Our business and our industry depend on finding new and efficient means of increasing returns on investment while minimizing costs. Our success is our clients' success.

We strive to cultivate an environment in which expert scientists and engineers can design novel concepts to solve extremely difficult problems, generating solutions for industry challenges together with the support of an internal lab and industry consultants.

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