

Well Log Analyst/Reservoir Engineer

Metrol have an exciting opportunity for an experienced Well Log Analyst with complementary experience in Pressure Transient Analysis/Reservoir Engineering to join our growing PRO-LOG team. The successful candidate will be at the cutting edge of wellbore thermal technology and interpretation, integrating pressure transient data into transient temperature analysis to provide a more robust description of the reservoir.

This role primarily involves interpreting distributed temperature data and providing clients with unique insights into the reservoir. With a background in Reservoir Engineering the successful candidate will be able to complement the experience within the team to collaborate effectively with clients.

This is a position for someone who is self-motivated to research and learn to become a technical leader in this growing field. As part of a small team, the successful candidate will be able to help develop state-of-the-art models and generate novel ideas of integrating the pressure data into the temperature analysis.

The role will involve client interaction and occasional travel to client locations to discuss the interpretation, therefore the successful candidate will be able to demonstrate excellent communication and presentation skills. It is vital that the successful candidate be able to participate in complex reservoir discussions with the end-users of the data.

Principal Duties

The Well Log Analyst will be required to:

- Collate well information, pressure and temperature data, flow rates, fluid properties to provide a robust description of the reservoir by integrating pressure and temperature data.
- Focus on Pressure Transient Data analysis and the integration of this data into the current transient temperature analysis.
- Interpret the collated data, particularly with respect to the temperature profile transients, and determine production rates of different intervals in the well.
- Write the client report and present the interpretation/analysis to the client.
- Aid the development of temperature models. The analysis of the temperature data is constantly evolving and as such the successful candidate will be expected to collaborate with novel ideas. This ultimately requires a good understanding of the science and mathematics underpinning current analysis methods.

Required Knowledge & Experience

- A good knowledge of Reservoir Engineering is essential to this role as well as a wider understanding of well operations.
- Experience of working at the wellsite would be advantageous.
- The ideal candidate will have a technical background in an engineering subject to a degree level. The successful candidate must be comfortable using complex

mathematical principles to aid the development of models. The successful candidate will have to pass a numerical test as part of the interview process.

- Previous use of Saphir /Emeraude software preferred.
- Must be able to communicate well in written and spoken English. As well as being technically proficient, this is a client facing role where communication skills are vital. Experience of writing technical reports and industry papers would be advantageous.
- The successful candidate must be able to demonstrate that they can work effectively as part of a small team. This means being able to share ideas and also carry out learning and research on their own initiative.
- Strong analytical and problem solving skills. Perhaps the most important attribute will be your ability to solve problems and bring a fresh perspective to PRO-LOG data interpretation.

Location

Kirkhill Industrial Estate, Dyce, Aberdeen.

Salary

Negotiable.

Apply by email [only](mailto:Vacancies-Technical@metrol.co.uk) with your full CV to Vacancies-Technical@metrol.co.uk