

Senior Geophysicist

Location: Onshore London / Aberdeen, opportunity for hybrid working

Salary: Competitive

Date Posted: Tuesday 11 August

Closing Date: Tuesday 25 August

The Role

Reporting to the Subsurface Team Lead, the Senior Geophysicist will play a key role in supporting Serica's Growth Subsurface Team, with responsibility for the geophysical evaluation of near-field exploration opportunities, infill drilling prospects and new venture activities. This is an exciting opportunity to influence the identification and maturation of opportunities that support Serica's future growth strategy.

Working across a diverse portfolio of assets and opportunities, you'll integrate geophysical data, seismic interpretations and subsurface insights to help unlock value and optimise decision-making. Your expertise will contribute directly to prospect evaluation, well planning and the development of high-quality subsurface models that support business growth.

As a senior technical specialist, you'll work closely with geoscientists, reservoir engineers, wells teams and commercial stakeholders, providing clear and credible technical input across a range of projects. Strong Communication will be essential, enabling you to translate complex geoscience concepts into meaningful insights for both technical and non-technical audiences.

Through collaboration with multidisciplinary teams, external partners and specialist contractors, you'll help shape exploration, development and new business opportunities. By fostering relationships built on Respect, you'll contribute to an inclusive and high-performing environment where diverse perspectives strengthen outcomes.

At Serica, we encourage Empowerment & Accountability. You'll be trusted to take ownership of technical evaluations, challenge assumptions constructively and drive high-quality geophysical interpretation that supports informed investment and operational decisions. Your contribution will have a tangible impact on the success of our growth portfolio.

Continuous Learning is central to our approach. As part of a collaborative subsurface team, you'll have the opportunity to apply new technologies, contribute to technical innovation and support the continual improvement of geoscience workflows, ensuring Serica remains well positioned to identify and develop future opportunities.

What we're looking for in potential candidates

We're looking for a collaborative and commercially minded geophysicist who can combine strong technical expertise with the ability to influence decisions and identify opportunities that support Serica's growth ambitions.

Key Responsibilities

- Lead geophysical evaluations to support exploration, infill drilling and new venture opportunities.
- Integrate seismic and subsurface data to identify, mature and high-grade development prospects.
- Provide geophysical input into well planning, prospect evaluation and field development activities.
- Communicate technical insights clearly to multidisciplinary teams and non-technical stakeholders.
- Manage and oversee geophysical studies delivered internally and through external partners and contractors.
- Contribute to continuous improvement initiatives and support the delivery of high-quality subsurface outcomes across the business.

Experience & Qualifications

- Degree qualified in Geophysics, Geology or a related discipline, ideally with postgraduate study.
- Significant oil and gas industry experience, preferably gained within an operating company environment.
- Strong technical expertise in seismic interpretation and geophysical evaluation.
- Proficiency in industry-standard interpretation software, ideally including Petrel.
- Broad understanding of subsurface disciplines and their integration within exploration and development projects.
- Strong interpersonal and communication skills, with a collaborative approach and a commitment to continuous improvement.

Our Culture

Serica offers the opportunity to be part of a busy, vibrant working environment with a strong culture rooted in mutual respect and trust.

We are passionate about building an inclusive culture that attracts and encourages diversity. We want our employees to feel that they can bring their true self to work, as we recognise the potential that this unlocks and the value that it brings.

We have created an environment that puts people at the heart of everything we do, based on a shared set of values. This means not just doing the essentials of looking after everyone's health, safety and wellbeing but their development, their sense of belonging and their success. Only by making our values a real part of everyday life at Serica can we achieve our goals and grow as individuals and together.

In real terms this means being truly supportive of the things that matter to our people.

Next Steps

If, having read the information above, you would be interested in a conversation to take things forward, please use the **Apply Here** button to submit your application. Please note that applications for this role will be managed by our recruitment partner, the Orion Group. By submitting your application, you acknowledge that your personal data will be shared with and processed by Orion for the purposes of recruitment. For queries or to exercise your data protection rights, you can contact Orion at marketing@orioneng.com. Further information on how your data is used can be found in their [Privacy Policy](#).

JOB DESCRIPTION

Job Title:	Senior Geophysicist
Staff/Contractor	Staff
Department:	Subsurface
Onshore/Offshore:	Onshore
Location:	London preferred / ABN acceptable
Reports to:	Subsurface Team Lead

Role Purpose
<i>Write a short description of the role below:</i>
Key role in supporting the Growth subsurface team. Specific responsibility for geophysical evaluation of near field exploration, infill opportunities and New Venture activities. Proven track record of applying geological interpretations to seismic data is essential.

Areas of Responsibility	
Geographical Span:	UKCS (SNS, CNS, NNS & WoS), International as required
Budgetary Responsibilities:	No
Direct Reports:	No
Travel Required:	Occasional as required

Main Tasks
<i>Please note that this list of duties is not exhaustive, and employees will be expected to undertake reasonable duties commensurate of their role and grade.</i>
- Essential: Integration of relevant geophysical data, including interpretations and rock physics models, leading to the identification and maturation of in-field and near-field drilling targets and production improvement opportunities. - Essential: Clear communication of relevant geological ideas, concepts and models to multi-disciplinary subsurface team as well as to key non-technical stakeholders. - Geophysical support for well planning and potentially the operational phase of exploration and development drilling. - Geophysical interpretation and support to the Growth Team (Exploration and New Business) subsurface mapping, prospect evaluation and well planning. - Provide technical input into Field Development plans and Reservoir Management plans of as required. - Management of geophysical studies carried out by in house and by 3rd party contractors and vendors - Provision of input for enhanced processing of seismic datasets and QI projects - Support of the Company's process of change and continual improvement - The key internal interfaces in the role are with Subsurface, Wells & the M&A team involved in the varied work programme - The key external interfaces in the role are 3rd party contractors and vendors, partners, and regulatory authorities

Professional/Educational Requirements, and Behavioural Skills	
Professional/Educational Requirements	
Essential:	• Degree qualified or equivalent, preferably to MSc or higher level • Substantial oil industry experience, preferably with an operating company • Strong technical background in seismic interpretation • Up-to-date knowledge of interpretation in Petrel software packages preferred • An understanding of other subsurface disciplines
Behavioural Skills	
Essential:	• Strong interpersonal skills • Ability to embrace change and drive continual improvement • Adherence to Serica core values