



Title: Petroleum Engineer-Biotechnologist/ Chemical Engineer

Reporting: Staff Geoscientist/ Subsurface Director

Candidate: You are passionate about the company's mission *to commercialize subsurface DNA sequencing in the energy industry*. You are a self-starter with an inextinguishable fire to compete and succeed. You thrive in a fast-paced environment that requires crisp judgment, critical thinking and pragmatic decision-making, rapid course-corrections, and comfort with market ambiguity.

You bring petroleum engineering expertise with a focus on Biotechnology or Chemical engineering experience from working preferably at the asset level or in a technology group as a Petrophysicist with experience in multiple reservoir types, and have the ability to identify, develop, and deliver DNA sequencing based solutions to key customer challenges.

The position is part of our product development and service delivery team, with the key objective of developing and implementing new answer products that are embedded into our customers' workflows. The ultimate measures of success are customer satisfaction and accelerated market adoption of subsurface DNA sequencing solutions through quantifiable customer benefits and related repeat business.

Candidate Goals and Responsibilities:

1. Deliver customer projects in collaboration with other Biota team members from initial technical proposals to final delivery of results.
2. Develop, validate, and implement answer products that integrate Subsurface DNA Diagnostics with geology, reservoir, completion, and production data to provide new actionable insight to our customers.
3. Interface between our customers and the Biota team to establish a solid understanding of unmet customer needs, how subsurface DNA sequencing can be applied, and how the impact of successful deployment can be measured.
4. Advise the product development and software teams on relevant customer workflows for seamless integration with Biota products.
5. Be an integral part of the Biota team to establish a product development roadmap and required validation steps.
6. Collaborate with the marketing team to develop technical content, case studies, and journal articles that demonstrate Biota's technical excellence and thought leadership.
7. Integrate technologies (software analytics, logging, imaging) that may enhance Biota's service offering.
8. Perform financial analysis of potential and actual customer benefits.
9. Serve as an example for the company's values and behaviors as articulated in the Team Operating Agreement.

Education

MS in Petroleum Engineering or Chemical Engineering, with experience in microbial enhanced oil recovery.

Desired skills and experience:

- 3-5 years relevant industry experience in Petroleum or Chemical engineering, with experience in microbial eor at the asset level or within a technology team.
- Experience from an E&P company is preferred. Additional experience from a service company is a plus.
- Demonstrated experience with conventional and unconventional reservoirs, preferable from multiple geographies.
- Proven track record of looking for innovative ways to improve reservoir and production understanding and related financial impacts.
- The position will work closely with the Data Science team to review data and guide model optimization. Experience editing python code and a general understanding of database architecture is preferred.
- Hands on approach to project execution from data integration through modeling.
- Experience in Spotfire is preferred.
- Experience estimating reserves.
- Excellent analytical skills.
- Excellent communication skills.

Location: This position is based in our company's Houston office.
Must have authorization to work in USA