

Title: Staff Reservoir Engineer

Reporting: Chief Technology Officer

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 broad reservoir characterization expertise from working at the asset level as a reservoir engineer with experience in multiple reservoir types, and have the ability to identify and develop DNA sequencing based solutions to key customer challenges.

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

Candidate Goals and Responsibilities:

1. Develop, validate, and implement answer products that integrate Subsurface DNA Diagnostics with reservoir, completion, and production data to provide new actionable insight to our customers.
2. 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.
3. Advise the product development and software teams on relevant customer workflows for seamless integration with Biota products.
4. Deliver customer projects as the designated technical lead in collaboration with other Biota team members from initial technical proposals to final delivery of results.
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. Serve as the company technical practitioner in conventional and unconventional E&P in completions, reservoir, and production engineering (fracture design, PVT behavior, volumetrics, reservoir modeling, subsurface diagnostics).
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, Geology, or Engineering degree with a large amount of reservoir and petrophysics experience

Desired skills and experience:

- 10+ years relevant industry experience in reservoir characterization at the asset level from a reservoir engineering or geology perspective.
- 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.
- Strong statistical data analysis involving decline curves, EUR calculations, linear and multivariate regression, and hypothesis testing.
- Expertise estimating reserves.
- Excellent analytical skills.
- Excellent communication skills.

Location: This position is based in our company's Houston office.