

Drilling Engineer (m/f/d)-Germany

Düsseldorf, North Rhine Westphalia
Full-time

Eavor Technologies Inc. is seeking a high performing **Drilling Engineer**. Employed by Eavor GmbH in Germany and working within a multidisciplinary international team you will use your management and operational expertise, initiative, business acumen, and problem-solving skills to construct the world's first closed-loop geothermal systems. The successful candidate's primary focus will be on our project developments in Europe. There is ample potential for career growth in our rapidly expanding technology start-up.

Eavor is seeking a candidate with a technical engineering background and experience developing energy projects.

Eavor provides a competitive compensation package with upside opportunity.

Please send resume and cover letter in a single PDF to careers-germany@eavor.com with the subject line Drilling Engineer-Germany.

Roles and Responsibilities

- Local lead engineering for multilateral drilling projects for geothermal heat generation in Germany
- Technical interface between global drilling group and in country project developments
- Provision of drilling programs for multilateral closed-loop projects in cooperation with international drilling team
- Remote monitoring and supporting of drilling operations on multiple rigs concurrently
 - Occasional visits to drilling sites for critical operations and meetings
- Track and implement lessons learned
- Prepare and present section look-backs and end-of-well reports
- Prepare detailed drilling budgets and track expense accruals
- Liaise with the project manager and other groups to coordinate drilling activities with other activities on site and coordinate handover to the production group.
- Implementation of standardized drilling processes and technical procedures
- Provision of budget calculation for multi-well drilling campaigns
- Preparation of procurement and tender documents for materials and services for engineering consultancy services as well as services, materials and consultancy for drilling execution
- Participation in preparation of project execution plans and operational workflow systems
- Participation in design and construction method acceptance process and approvals
- Participation in contract and claims management for project developments. Ensure compliance with technical standards as well as compliance with corporate policies and procedures
- Participation in technology engineering and optimization for energy development projects in international team

- Support for feasibility studies for business development opportunities
- Participation in progress reporting for development projects
- Participation in corporate knowledge management systems and logistics optimization to support long term efficiency improvements
- Interaction with international team as well as joint venture and project partners

Qualifications

- Professional fluency in both German and English
- Minimum 7 years professional experience
- Minimum 5 years work experience in a drilling engineering capacity
- Experience in preparation of drilling programs and technical procedures
- Experience with procurement and tender procedures is considered as an asset
- Experience using well planning software: Landmark Compass, WellPlan, WellCAT, ERA, or similar.
 - Directional profile planning
 - Torque and drag and hydraulic simulations
 - Basics of casing design
- Experience in geothermal or high-temperature drilling is an asset
- Experience in planning and executing drilling operations on wells with long (>2km) lateral sections and deep wells (>4kmTVD)
- Some field drilling experience is highly desirable
- Understanding of Managed Pressure Drilling (MPD) equipment, operations and concepts
- Experience with whipstocks, sidetracking operations, multilateral wells and magnetic ranging operations is an asset
- Deep understanding of drilling concepts including: well control, BHA and bit design, drilling fluid properties, hydraulics, hole cleaning, torque and drag, managing loss circulation, identifying and mitigating drilling dysfunctions, stuck pipe prevention and response.
- Experience in real-time monitoring of drilling operations via electronic drilling recorder such as Pason or WellData.
- Experience in developing drilling budgets and tracking accrual expenses during drilling operations.
- Familiarity with well reporting software, such as WellView or Strattix
- Minimum Bachelor of Engineering Degree or similar
- Proven analytical and problem-solving capabilities
- Excellent communication abilities

About Eavor Technologies Inc.

Eavor (pronounced “Ever”) is a private company founded in 2017 to develop and commercialize disruptive geothermal technology. We mobilize cutting edge oil and gas technology, along with some proprietary solutions, to create the world’s first closed-loop geothermal system. Eavor has successfully built a prototype demonstration facility (“Eavor-Lite”) in Alberta along with our partners. Working with clients and partners, we are progressing a pipeline of commercial projects in Germany, other parts of Europe, the Middle East, Africa, Asia, Australasia and North America.