



Example of Reservoir Engineer Job Description

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Our innovative and growing company is hiring for a reservoir engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for reservoir engineer

- Recommending collection of additional specialized reservoir data, fluid sample analysis, pressure data and other information necessary to evaluate reservoirs
- Advising on operational activities from a reservoir engineering standpoint
- Building and/or updating simulation models and use these to generate forecasts
- Performs a full corporate rotation through each discipline of Drilling, Completions, Reservoir and Productions, receiving hands-on engineering experience requiring the application of standardized, documented methods and techniques
- Applies knowledge at a basic level relying heavily on senior staff and mentor for troubleshooting and technical expertise
- Demonstrates a fundamental awareness and beginner application of engineering design, engineering calculations, resource management, project management and EHS compliance
- Develops a fundamental awareness of formation characterization, well stimulation, geology & geomechanics, nodal analysis, well logging/evaluation/testing, production analysis, drilling practices, and reservoir engineering
- Learns how Petrotech Engineering interacts with other disciplines including Field Operations, Geoscience, Land, EHS, and Regulatory
- Perform reservoir engineering studies and economic evaluations to quantify drilling potential within new and existing assets

Qualifications for reservoir engineer

- Waterflood (and, optionally EOR) experience preferred
- Possess good hands-on technical knowledge and experience of relevant Reservoir Engineering software (preferably Petrel RE, PVTSim, Saphir, Emeraude, IPM) and workflows (PVT, SCAL, reserves, decline analyses, nodal analysis, production log analysis, production optimisation, forecasting and integrated modelling)
- Excellent communication skills, both written and oral with the ability to challenge others in a constructive manner and negotiate with internal peers, partners and 3rd parties to influence decisions or ways of working
- Must be a self motivated individual and possess ability to work under pressure without sacrificing quality
- Good problem-solving skills (combining learned procedures and related experience) and the ability to handle large amounts of complex information in a detailed and coordinated manner and to identify critical issues and workflows
- Committed to the highest principles of ethics, quality of work with a strong commitment to Health, Safety, Security and Environment (HSSE) objectives