

Job Description

Job Title:	Senior Petroleum Engineer		
Job Location:	Dubai, UAE		
Description No:	01	Revision No:	01

Report to:	Reservoir Performance Optimisation Manager		
Direct report from:	NA		
Key interactions:	Production Operations, Development team, Well planning, Drilling and Wells Services		

Job Summary
Work within the Reservoir Performance Optimization team to provide expertise on monitoring, analyses and optimization within well and reservoir management. Work undertaken will have a direct impact on the business decisions made by the Company.

Key Responsibilities
<ul style="list-style-type: none">• Reservoir engineering input to drilling, testing and WO programs• Deliver well test designs (open & cased hole) under consideration of availability of expertise and tools in country of operation/ region• Design and execute quality assurance/quality control and perform post-job analysis for wells interventions• Design, quality control and interpretation of Reservoir Surveillance data gathering (sampling, metering, logging, etc.)• Analyze wells performance using analytical and numerical tools• Manage Company's wells and reservoir-related databases• Analysing surface gathering network (flow assurance) for optimum production rates• Work closely with Well Planning and Subsurface Development teams to ensure reservoir requirements are delivered.• Reporting and presentation to internal and external stakeholders• Participate in the ongoing training and development of assigned local staff and other new graduate staff. Includes assessing employees training and development needs, preparing structured development / familiarization programs, monitoring and reporting on progress and counselling employees, as required.

Job Description

Required Qualifications and Experience

Ideally MSc Petroleum Engineering or, as minimum BS degree in Petroleum Engineering (or equivalent).

- 15+ years experience in the E&P Industry in the area of Petroleum and Reservoir Engineering. Extensive experience with an operator or oilfield service company
- Practical experience in managing the subsurface aspects of mature oil fields
- Sound understanding of reservoir engineering
- Thorough knowledge of data acquisition practices, operational challenges, opportunities, and limitations thereof
- Thorough knowledge of reservoir surveillance tools and technologies
- Good experienced with well monitoring and behavior
- Ideally experience with gas injection schemes in fractured carbonate reservoirs
- Good understanding of static and dynamic reservoir characterization of fractured carbonates
- Knowledge and understanding of other subsurface disciplines
- Good understanding in artificial intelligence, machine learning applications in reservoir management and automated well/ reservoir monitoring tools/ tool developments

Key Attributes

- Significant technical competency
- Strong workstation skills and expertise with modelling & simulation software (Petroleum Experts IPM suite, Kappa), ability to learn new software
- Flexible, adaptable, problem solving, resourceful
- Good interpersonal, presentation, communication and reporting skills (fluency in verbal and written English language), including recognition of local cultural requirements
- Good organizational skills to plan and execute multiple studies/projects simultaneously
- Ability to work independently, in team and across functional groups
- Initiative and desire to learn and expand within role
- Moderate business travel required
- Willingness to work in the field and train/ mentor local employees as required