

United Arab Emirates Jobs Expertini®

Senior Petroleum Specialist, Production Engineering

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Company: Halian

Location: Abu Dhabi

Category: healthcare-practitioners-and-technical

Our Client's team is dedicated to implementing cutting-edge solutions that optimize operations, reduce costs, and drive digital transformation in the Oil and Gas field.

Responsibilities

Utilize engineering expertise to develop data-driven algorithms and prototypes for robust and scalable industrial software solutions.

Identify and address workflow bottlenecks, driving continuous improvement across multiple disciplines.

Contribute to the research and development of next-generation model building, production optimization, and reservoir management techniques.

Generate innovative solutions integrating real-time field sensor data, dynamic reservoir data, and physics-based models for resource evaluations and development optimization.

Perform studies ensuring conformance to overall objectives, including stimulation, production, well design, and testing programs.

Oversee workover activities such as well testing, cement bond logs, frac, stimulation, coil tubing, and e-line in accordance with approved procedures.

Make recommendations for completion requirements, well integrity management, and artificial lift systems.

Identify opportunities for cost reduction and efficiency improvements, including streamlining processes and implementing digital oilfield solutions.

Participate in defining Scope of Work for tenders and business development activities.

Engage in internal and external audits for the department.

Educational Requirements

Minimum MSc / BSc in Petroleum Engineering or equivalent.

Minimum Experience & Knowledge & Skills

8+ years of Oil & Gas production experience with specialization in digital transformation, preferred in the Middle East region.

Experience in optimizing complex field development plans for giant oil and gas fields to reduce field development cost.

Skilled in automation and remote operations

Proven track record of optimizing operations and reducing costs.

Experience in predictive maintenance for of artificial lift equipment or similar

Software experience: Petroleum System Experts (GAP, PROSPER), PipeSim, Hysis, Saphir, WellCat, MFrac (or equivalent), NeTool

Experience in well performance and surface network sensitivity and uncertainty analysis

Experience in designing and executing quality assurance/quality control and performing post-job analysis for acid and proppant fracturing treatments would be beneficial

Good communication and interpersonal skills to collaborate with our client's engineers and service providers.

Scripting (Macro, Python, ...) skills and ability to automate workflow Experience in tight carbonate gas/condensate wells is a plus

Experience in conducting flow assurance analysis, monitoring corrosion and resolving paraffin scaling issues would be a plus

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