MERCURY

Well-Serving Oil & Gas Training Course

3 – 7 January 2027
Cairo (Egypt)



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Ref: 15953_999842 **Date:** 3 – 7 January 2027 **Location:** Cairo (Egypt) **Fees:** 4000 Euro

Introduction to Well-Servicing in Oil and Gas:

The Well-Serving Oil and Gas training course delves into the pivotal role that well-servicing plays in optimizing oil and gas well production, maintaining well integrity, and ensuring operational efficiency throughout the drilling process. It is for professionals aiming to enhance their technical expertise and covers the fundamentals of well intervention, repair, and maintenance techniques used in the industry.

Participants will gain insights into essential tools, technologies, and safety protocols crucial for managing onshore and offshore well-servicing operations. This Well-Serving Oil and Gas course will equip attendees with the knowledge and skills to contribute meaningfully to the success and sustainability of oil and gas well services. It provides an overview of the oil and gas well drilling process, focusing on the fundamentals of oil and gas well engineering.

Participants will learn about well-serving techniques and explore advanced concepts in well services for oil and gas operations. This Well-Serving Oil and Gas training answers critical questions, such as what is well in oil and gas, and covers essential topics like oil and gas well services and well testing. It is for industry professionals to ensure a thorough understanding of efficient and safe, well-management practices.

Targeted Groups for Well-Servicing Training:

This Well-Serving Oil and Gas course is designed for:

- Oil and Gas Well Intervention Technicians.
- Drilling and Completion Engineers.
- Production and Operations Personnel.
- HSE Professionals in Oil and Gas.
- Maintenance and Field Service Engineers.
- Oilfield Equipment Operators.
- Supervisors and Managers in Oil and Gas Operations.
- New Entrants to the Well-Servicing Sector.

Course Objectives for Mastering Well-Servicing Operations:

At the end of this Well-Serving Oil and Gas course, participants will be able to:

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- Understand the fundamentals of well-servicing operations in oil and gas well engineering.
- Learn the tools and equipment used in oil and gas well interventions.
- Enhance skills in maintaining and restoring well integrity during oil and gas well services.
- Develop strategies for effective troubleshooting in oil and gas well operations.
- Apply industry-standard safety and risk management protocols in well-testing oil and gas.
- Master the planning and execution of well-servicing activities.
- Gain insights into regulatory compliance and best practices in oil and gas well services.
- Build teamwork and communication skills for operational success in oil and gas well services.

Targeted Competencies for Effective Well-Engineering:

By the end of this Well-Serving Oil and Gas training, participants competencies will:

- Well Intervention and Maintenance Techniques.
- Well Integrity and Safety Protocols.
- Use of Well-Servicing Tools and Equipment.
- Troubleshooting and Problem-Solving in Oil and Gas Well Operations.
- Planning and Execution of Well-Servicing Jobs.
- Compliance with Industry Standards and Regulations in Oil and Gas.
- Team Collaboration in Well-Servicing Activities.
- Risk Assessment and Hazard Mitigation in Oil and Gas Well Services.

What is Well in Oil and Gas?

Oil and gas industry professionals must understand what constitutes a well. A well is a borehole drilled into the earth to explore and extract petroleum hydrocarbons. It is the primary means of accessing reservoirs and plays a crucial role in the entire production process.

Course Content:

Unit 1: Introduction to Well-Servicing Operations:

- Overview of well-servicing in the oil and gas industry.
- Types of well-servicing operations: maintenance, intervention, and repair.
- Key components of a well and their functions.
- Importance of well integrity and production optimization.
- Industry standards and regulatory requirements.

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Unit 2: Tools and Equipment for Well-Servicing:

- Introduction to well-servicing tools and technologies.
- Wireline and coiled tubing operations.
- Packers, plugs, and completion tools.
- Hydraulic and mechanical systems used in well interventions.
- Equipment inspection, maintenance, and troubleshooting.

Unit 3: Well Intervention Techniques:

- Principles of well intervention and workover operations.
- Techniques for restoring and enhancing well productivity.
- Acidizing, fracturing, and perforation operations.
- Fishing operations for retrieving stuck equipment.
- Case studies of successful well-intervention jobs.

Unit 4: Safety and Risk Management in Well-Servicing:

- Hazard identification and risk assessment in oil and gas well operations.
- Safety protocols for handling tools and equipment.
- Blowout prevention and emergency response planning.
- Environmental protection and spill control measures.
- Compliance with HSE standards and best practices.

Unit 5: Planning and Execution of Well-Servicing Jobs:

- Steps for preparing a well-servicing job plan.
- Coordination with drilling and production teams.
- Resource allocation and logistics management.
- Monitoring and evaluating well-servicing performance.
- Post-operation reporting and data analysis for improvements.