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WELL INTERVENTION AND ARTIFICIAL LIFT

Start Date:	31/05/2026	**End Date:**	04/06/2026
Categories:	Oil & Gas	**Venues:**	Dubai
Formats:	In Person	**Instructors:**	

OVERVIEW

This course provides participants with a comprehensive understanding of well intervention techniques and artificial lift systems used to enhance and sustain oil and gas production. It covers the principles, methods, and best practices for executing safe and efficient well interventions and selecting appropriate artificial lift technologies to optimize field productivity and recovery.

OBJECTIVES

By the end of this course, participants will be able to: – Understand the objectives, methods, and planning considerations for well intervention operations. – Apply knowledge of artificial lift systems and select the right technology for different well and reservoir conditions. – Diagnose well performance problems and recommend intervention or artificial lift solutions. – Plan and supervise well intervention jobs such as wireline, coiled tubing, and snubbing operations. – Optimize artificial lift operations to enhance production efficiency, reduce downtime, and extend well life.

COURSE OUTLINE

1- Overview of Well Intervention Techniques: Objectives and Methods 2- Wireline, Coiled Tubing, Hydraulic Workover, and Snubbing Operations 3- Fundamentals of Artificial Lift Systems: ESP, Gas Lift, Rod Pumps, PCPs 4- Diagnosis of Well Performance Problems and Selection of Artificial Lift 5- Best Practices for Well Intervention Planning, Execution, and Optimization

TARGET AUDIENCE

All Supervisory Levels, Well Intervention Engineers, Production Engineers, Petroleum Engineers, Field Supervisors, Artificial Lift Specialists, Operations Managers, and technical professionals involved in well operations and production optimization.

METHODOLOGY

The course integrates technical lectures, practical well intervention planning exercises, artificial lift design workshops, case study analysis, field scenario simulations, and group problem-solving sessions to ensure applied learning.

CONCLUSION

Upon completing the course, participants will have the skills to plan and execute well interventions effectively, select and optimize artificial lift systems, and contribute to maximizing production and well integrity across the life of the field.

DAILY AGENDA

Day 1: Introduction to Well Intervention and Production Enhancement

Understand the fundamentals of well interventions, types of interventions, and how they contribute to production optimization.

Day 2: Wireline, Coiled Tubing, and Hydraulic Workover Operations

Learn about the tools, equipment, procedures, and safety considerations for key well intervention methods.

Day 3: Artificial Lift Systems: Technologies and Applications

Explore the different types of artificial lift systems, their selection criteria, operational principles, and performance factors.

Day 4: Diagnosing Well Problems and Choosing Artificial Lift Solutions

Analyze production issues, identify causes, and recommend intervention or artificial lift strategies to restore or enhance production.

Day 5: Best Practices for Well Intervention and Artificial Lift Optimization

Review planning techniques, operational execution guidelines, risk management practices, and continuous improvement methods for intervention and lift operations.

For more information, please contact us:
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