

Training Title WORKOVER SUPERVISOR: WORKOVER OPERATIONS PLANNING & EXECUTION

Training Duration 5 days

Training Venue and Dates

Workover Supervisor: Workover29 Sep to 05 Sep5Dubai, UAE.Operations Planning & Execution5Oct 2025\$5,500Dubai, UAE.

Training will be conducted in any of the 4 or 5 star hotels.

Training Fees

• 5,500 US\$ per participant for Public Training includes Materials/Handouts, tea/coffee breaks, refreshments & Lunch.

Training Certificate

Prolific Consultants FZE Certificate of Course Completion will be issued to all attendees.

COURSE OVERVIEW

COURSE DESCRIPTION

Workover is performed after the initial completion to re-establish commercial production or injection, repair of a mechanical problem in the well, or plug and abandon the well. Workover operations are usually initiated as hydrocarbon production rates decline substantially. Undesired fluid production could be the result of a poor primary cement job or water / gas coning. These workovers typically involve a remedial cement job to control the unwanted water / gas production.

Well completion is performed at the completion of drilling operations to establish initial production from or injection into a well. Procedures of completion will vary depending on the completion type and the area. For Example flowing wells can simply be perforated and put on production. Low reservoir pressure areas often require an artificial lift mechanism (rod or submersible pump, gas lift valves, etc.) to produce at economic rates.

This training course will highlight:

- Types of Completions
- Reasons for Workovers and well preparation
- Overview of Surface and Subsurface Wellbore Equipment and Procedures
- Barriers, Completion and Workover Fluids
- Kick Causes, Warning Signs, kill methods and Risk awareness and Organizing a Well Control Operation

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COURSE OBJECTIVES:

By the end of this training course, participants will be able to:

- Plan, design, manage and execute completion operation
- Improve the overall operational performance during workover operations
- Select or recommend completion equipment for given field conditions and applications
- Select the most used downhole tools and explain their function

SUITABLE FOR:

This training course is designed for those involved in the work over operations and completion design:

- Production Technologists
- Production Engineers
- Operations Engineers
- Field Technicians
- Workover Engineers

TRAINING METHODOLOGY:

A highly interactive combination of lectures and discussion sessions will be managed to maximize the amount and quality of information and knowledge transfer. The sessions will start by raising the most relevant questions, and motivate everybody find the right answers. You will also be encouraged to raise your own questions and to share in the development of the right answers using your own analysis and experiences. Tests of multiple-choice type will be made available on daily basis to examine the effectiveness of delivering the course. Very useful Course Materials will be given.

COURSE OUTLINE: -

<u>DAY 1</u>

Types of Completions

- Introduction
- Wellhead Configuration
- Functional Requirements of a Completion
- Completion Equipment
- Flow Control Devices
- Packers
- Tubing
- Circulation Devices
- Expansion Joints
- Sub-Surface Safety Valves
- Christmas Trees and It's Types
- Surface Equipment



<u>DAY 2</u>

Reasons for Workovers and Well Preparation

- Formation Damage
- Sand Control
- Acidizing
- Corrosion
- Hydraulic Fracturing
- Mechanical Problems
- Well Preparations for Work Over
- Tree and BOP Removal / Installation

<u>DAY 3</u>

Overview of Surface and Subsurface Wellbore Equipment and Procedures

- Blowout Preventer Stacks and Components
- Workstring and Production Tubing
- Auxiliary Well Control Equipment
- Plugs & Packers
- Verification of Shut-in
- Monitoring and Recording During Shut-in
- Preparing for Well Entry
- Wireline Open Hole Operations
- Contingency Procedure for Wireline
- Contingency Procedures for Coiled Tubing
- Contingency Procedure for Coiled tubing

<u>DAY 4</u>

Barriers, Completion and Workover Fluids

- Philosophy and Operation of Barrier Systems
- Levels of Barriers
- Types of Barriers
- Barrier Management
- Influx Detection
- Gas Characteristics and Behavior
- Pressure and Volume Relationship (Boyles Law)
- Workover / Completion Fluid Functions
- Liquids and Fluid Properties
- Testing of Downhole Completion Equipment
- Testing of Well Control Equipment Connections
- Well Control Drills

<u>DAY 5</u>



Kick Causes, Warning Signs, Kill Methods, Risk Awareness & Organizing a Well Control Operation, Natural Flowing & Artificial Well Work Over Programs

- Well Shut-in and Well Kill Considerations
- Well Control Problems
- Objective of Well Control Techniques
- Bullheading
- Volumetric Method
- Lube and Bleed
- Forward Circulation
- Driller's Method
- Reverse Circulation
- Handling Kill Problems
- Potential Impacts of a Well Control Event
- Well Integrity
- Pressure Control Equipment / Barrier Envelope Considerations
- Personnel Assignment
- Plan Responses to Anticipated Well Control Scenarios
- Blockages& Trapped Pressure in Tubing / Wellbore
- Blockage & Restricted Access in Tubing / Wellbore
- Hydrates
- H2S considerations
- Natural Flowing and Artificial Well Work Over Programs

Case Studies, Last Day Review, Discussions & Pre & Post Assessments will be carried out.

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