

An LDI Training Course

Well Intervention and Surveillance

by
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Introduction

During the life of an oil or gas well, several well interventions may be needed for the following reasons:

- To repair or replace damaged completion components (restoration of well integrity).
- To improve tubing performance (removing impediments to flow , manipulate downhole flow control devices or installing artificial lift).
- To improve inflow performance (reduction of skin)

Interventions can slow down or even reverse the decline in well performance when it is done correctly. However, poor planning or execution can produce the opposite effect, such as loss of productivity. In this course, participants will learn how to plan and execute well interventions successfully.

Training Objectives

Here are what the participants will learn by attending this course:

- Well Live Cycle, Well Work Overview, Well Completion & Safety System, Well Integrity, and Well Intervention Overview
- The importance of well productivity in well interventions, well surveillance, pressure survey and data recording, gas lift principle and equipment
- The well intervention way and operation mode of Wireline remedial work, Well Calculation, Fishing operation, Eline, and coiled tubing unit,

- Best practices in well interventions: How the intervention can improve well productivity through Various Well Interventions of Well Stimulation, Sand Control, Sand Clean Out, and Water Shut off.
- How a badly planned or executed intervention can damage productivity.

Training Outline

Day One:

- Well Live Cycle
- Well Work Overview
- Well Completion & Safety System
- Well Integrity
- Well Intervention Overview

Day Two

- Well Surveillance Method
- Pressure Survey and Data Recording
- Case Hole Logging
- Case Hole Perforation
- Gas Lift Principle and Application

Day Three

- Slick Line well Intervention: Surface Equipment and Tool String Component
- Remedial Wireline Work: Perforator, Pack Offs, Separator Tools
- Locking Mandrels, Plugs
- Circulating Devices
- Well Calculation
- Fishing Strategy
- Braided Line Fishing

Day Four

- Coiled Tubing Well Intervention
- Improving Reservoir Flow by
 - Well Stimulation,
 - Conformance,
 - Water Shut Off
 - Sand Control

Target Audience

This course is perfect for engineers, supervisors and operators who work in the following departments:

- Oil and gas Production
- Drilling and Workover
- Well intervention
- Well services
- Others

Training Methods

The course consists of lectures with supporting video and animations. To enhance participants' learning, there will be question and answer sessions, short quizzes, and team exercises.

Your Course Leader

Aris Roso Yudono has over 30 years in the oil industry. He worked exclusively in Well intervention, Worked Over and Drilling operations.

He worked for ARCO Indonesia and BP Offshore North West Java. He was responsible for the day-to-day supervision of well intervention works including coil tubing, e-line, slickline, stimulation, and full workover operations. An office-based role as Well Services Contract Engineer - Support Specialist and a well operations Superintendent followed. He was responsible for the planning and organizing of all the well intervention works.

In 2009, he started services for Pertamina Hulu Energy ONWJ as Drilling and Workover Superintendent and in 2015 as Drilling Operation Manager followed back to Well Services Manager in 2019 .

Aris Roso Yudono has a wealth of well intervention knowledge, experience and practices that he will share with the course participants.

For course registration and more information please email to

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