LDI TRAINING
"Leading Edge Courses for Professionals" ™

An LDI Training Course

WELL INTERVENTION and SURVEILLANCE

by
Aris Roso Yudono

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, Artificial lift principle and equipment
- The well intervention way and operation mode of Wireline remedial work, Well Calculation, Fishing operation, Electric line , and coiled tubing unit,
- Best practices in well interventions: How the intervention can improve well productivity through Various Well Interventions of Slickline and E-Line work thru zonal perforations , 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 and Well Safety System
- Well Completion and Well Integrity Overview
- Well Work Overview
- Well Surveilance Methode
- Pressure Survey and Data Recording
- Case Hole Logging and Perforation
- Artificial Lift Principle and application

Day Two

- Slickline well intervention : Surface Equipment and Tool string component
- Manipulating Downhole Equipment for production rate enhancement
- Remedial Wireline work of Perforator, Tubing Pack Offs, Separation Tools and such.
- Locking mandrels and Circulating devices utilization
- Well Calculations
- Fishing Strategy
- Braided Line Fishing

Day Tree

- Coiled Tubing Well Intervention
- Coiled Tubing Tools & Surface Equipment
- Well Intervention Application for 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:

- Drilling and Workover
- Well Services
- Production Engineer
- Production Operations
- Other

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

He has over 30 years experiences in the oil industry , worked exclusively in Well intervention, Worked Over and Drilling operations.
He worked for ARCO Indonesia , BP Offshore Nort West Java , Pertamina Hulu Energy ONWJ and WMO , Premier Oil and extent furthermore to Artificial Lift Bussines Partner . Used to be 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 responsible for the planning and organizing of all the well intervention works, well operations Superintendent , Drilling and Workover Superintendent , and the last but no least on post of Drilling Operation Manager and Well Services Manager .
Aris Roso Yudono has a wealth of well intervention knowledge, experience and practices that he will share with the course participants.

This course is presented by LDITraining.

For information about LDI Training please visit www.lditraining.com
If you have any question about our courses, please email your enquiry to lditrain@indo.net.id or contact to: 021- 6326911 / 0811 812857

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