

A Live Online Course

SAND CONTROL TECHNOLOGY

Introduction

Sand production causes a wide variety of problems when oil and gas are produced from unconsolidated reservoirs such as loss of production and damages to well equipment.

In this Sand Control Technology course, participants will learn the parameters that must be considered when selecting the appropriate sand control technique to be used. The course instructor will present case histories of sand control types to illustrate problems that can lead to early well failures.

Participants will learn how to perform quality control checks during the sand control application to help insure successful wells.

Because Sand Control in horizontal wells often proves to be short-lived when incorrectly applied, participants will also learn the successful completion techniques for horizontal wells.

Several new promising sand control technologies have been introduced such as expandable screens.

Ultimately, attendees will leave this course with a thorough understanding of how to design and implement a cost-effective sand control in both producing and injection wells.

Here are the benefits of attending this course:

1. Understand the causes of sand production.
2. Able to select the best sand control method.
3. Ensure successful sand control completions.
4. Conduct successful frac-packs.
5. Evaluate sand control performance.
6. Minimize production losses.
7. Evaluate new technologies for applications.

Course Content

- Sand control techniques
- Radial flow and formation damage
- Causes and effects of sand production
- Predicting sand production
- Gravel pack design
- Slotted liners and wire wrapped screens
- Gravel pack completion equipment and service tools
- Well preparation for gravel packing
- Perforating for gravel placement techniques
- Perforation prepacking and enhanced prepacking
- Frac packing
- Open hole gravel packing
- Expandable screens
- Gravel pack performance
- Horizontal well completions

Who Should Attend

This course is useful to:

- Drilling supervisors and engineers
- Well completion supervisors and engineers
- Production supervisors and engineers
- Well service supervisors and engineers

The Course Instructor

Dr.-Ing. Bonar Tua Halomoan Marbun is an Associate Professor and Head of the Petroleum Engineering Study Program at Institut Teknologi Bandung.

Dr. Bonar Marbun received a Petroleum Engineering Bachelor Degree in 1999 from Bandung Institute of Technology. In 2006, he received a Dr. Ing. degree from the Clausthal University of Technology in Germany.

Dr. Bonar Marbun is a member of the Oil and Gas Independent Team Safety Control of the Ministry of Energy and Mineral Resources of Indonesia.

Course Delivery Method

- This live online course is conducted in Bahasa Indonesia.
- Each participant needs a PC and WIFI connection to attend this course.

- Participants will receive a certificate after completing the training.

Registration Information

Instructor: Dr. Ing. Bonar Tua Halomoan Marbun

Date: 15 – 18 June 2021

Course fee: RP 9,500,000. Per person

Two ways to register:

- Email your message to PT Loka Datamas Indah – lditrain@indo.net.id or
- Register online on our website www.lditraining.com

For more information about the course, please contact PT Loka Datamas Indah.

Email: lditrain@indo.net.id

Phone: +62-21-632-6911