OFM Fundamentals, Forecast Analysis & Mapping Applications (Basic OFM Course)

BTS
Training & Consultancy

1st floor, Incubator Building, Masdar City, Abu Dhabi, UAE

00971-2-6452630

00971-50-6652671

info@btsconsultant.com

www.btsconsultant.com

Table of Contents:

About the Course

This course introduces you to the primary functionalities of OFM by allowing you to interact with a pre-prepared oil production project.

The flow of the course centers on you acting as a member of a fictional engineering team, charged with accomplishing a number of common tasks in OFM. As the course progresses, it covers each of the tasks. In accomplishing the tasks, you are exposed to the range of common features of the application.

During the course, you will learn how to use OFM as a quality assurance tool, seeking deficiencies in the data, before using the project data to illustrate primary and derived performance parameters.

The course also covers graphical display features, ranging from tabular plots, through line graphs, to GIS map-based representations.

Course Content

OFM Fundamentals

This part of the course helps the attendees to become comfortable with the basic features of OFM software and some of its more advanced features.

- Opening and running an existing database,
- Creating a new project from scratch,

- Customizing project base maps,
- Data Categorizing,
- Filtering and grouping data,
- Creating the calculated variables,
- Creating single- and multiple-well plots,
- Creating and format well and field summary reports,
- Data Plotting (Stack, Average, Sum., and Contribution Plots), and
- Data Reporting, exporting and printing.

OFM Forecast Analysis Fundamental

Attendees will analyze historical production trends and future potential using a variety of techniques with OFM software.

- Performing rate versus time analysis,
- Setting up and change the variables used in decline curve analysis (DCA),
- Performing DCA to forecast production for individual or groups of wells,
- Saving DCA Cases,
- Selecting the working Historical Data,
- Generating reports and plots of forecasted results, and

- Ratio Forecasting.

OFM Mapping Applications Fundamentals

Attendees will learn the necessary skills to effectively use the robust mapping functions of OFM software.

- Creating bubble maps, grid maps, contour maps, and surface maps of time or static data,
- Creating and manipulate scatter plots,
- Creating XY Maps, and
- Creating and manipulate grid and bubble map overlay.

Course Software

Schlumberger Oil Field Manager 2014.1 (latest available version). Also; the old interface of the software will be discussed.