

# WELLDESIGN

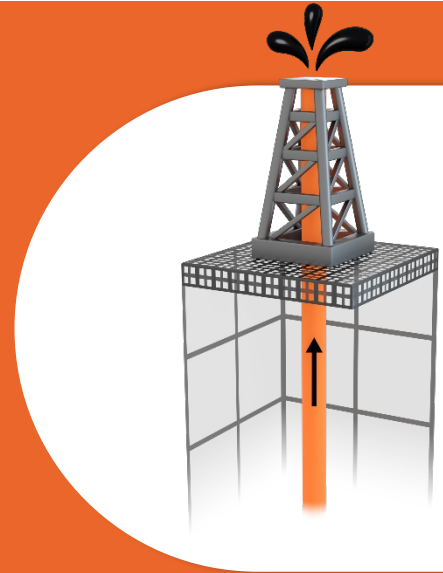
## Shaping the future of well planning

### Blowout & Kill Course

This course will cover basic theory behind blowout and kill simulations. This includes basic reservoir engineering, reservoir fluid behavior, inflow performance, outflow performance, relief well design and dynamic kill.

Hands on training with realistic use cases and exercises using the Oliasoft WellDesign software is an extensive part of the course.

Course goal: At the end of the course, participants will be capable of investigating blowout rates and designing a dynamic kill operation through a relief well.



Day	Topics	Learning goal
One	Fluid behavior, reservoir engineering, inflow/outflow performance (IPR/TPR)	Determine fluid behavior and properties, calculate and understand IPR/TPR
Two	Blowout theory	Knowledge of different blowout scenarios and how blowout rates are calculated
Three	Kill methods, relief well design	Knowledge of the different ways to kill a blowout well and how to design a relief well
Four	Advanced kill exercises	Knowledge of challenges related to kill operations and how to mitigate them



### Course Instructor

#### Thomas Selbekk, SME Blowout and Kill in Oliasoft AS

Thomas is a graduate M.Sc in Petroleum Engineering from the Norwegian Institute of Technology and has worked in the oil industry for more than 30 years. His broad experience includes drilling, completions, workovers and reservoir engineering from several operator companies. In his 15 years in the well control team of Add Energy, Selbekk gained experience with well control and blowout projects world-wide including being central in the kill team on the Macondo (GoM) blowout.