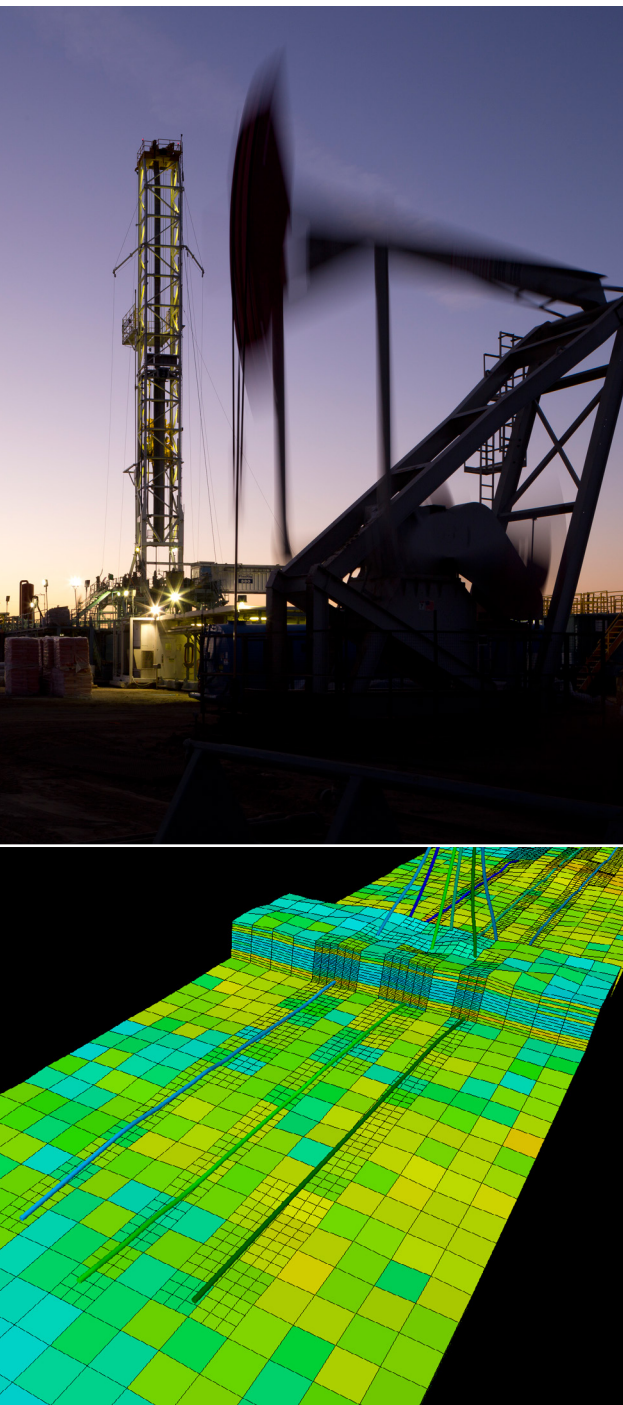


# Production Optimization Program (POP)

Integrated training in production engineering

# Production Optimization Program (POP)

Equip operator personnel with the knowledge and skills they need to increase production from aging fields.



In mature oil and gas fields, achieving cost-effective and efficient operations requires careful planning, as well as a deep understanding of the reservoir and the producing wells within it. The NExT Production Optimization Program (POP) aims to equip operator personnel with the knowledge and skills they need to increase production from aging fields.

By the end of a 10-week course, with options to extend to 20 weeks, POP participants will be able to identify opportunities for production enhancement and effectively optimize output from mature assets. Leveraging information acquired through the POP, operators can take a multidisciplinary approach to production planning, reducing their production costs-per-barrel and increasing cash flow.

The POP is more than a summation of courses—the program comprises a set of comprehensive modules designed to give participants the skills to analyze, diagnose, and solve production problems for optimal output. Personnel from a variety of technical backgrounds, from drilling to reservoir engineering, work together through the POP’s sequential production optimization methodology:

Module 1	Integral revision of mature fields
Module 2	Well-by-well revision
Module 3	Selection of mature wells for production optimization
Module 4	Treatment design
Module 5	Economic analysis

Applying this approach to a designated mature field is the key to unlocking production potential.

In the POP, each module lasts one to two weeks, during which time participants use real data, supplied by operators, to solve problems related to that module’s topic in a “learning-by-doing” approach. For example, when working in a production logging module, participants are given production logs for analysis, as well as suggestions for further data collection. From beginning to end, a permanent mentor oversees activity in the POP, with technical specialists offering additional support during each topic-specific module. During all modules the same dataset is used, allowing participants to work toward a goal of increasing production on an assigned field and presenting real-world optimization scenarios. In completing the program, participants will have a portfolio of opportunities that have been carefully analyzed and selected for production optimization or additional investment.

Throughout the POP learning is facilitated through the integration of Schlumberger technologies such as OFM\* well and reservoir analysis software and the PIPESIM\* steady-state multiphase flow simulator.

The POP keys to unlocking production potential:

Real data supplied by operators

Learning-by-doing approach

Assigned mentors

Technical advisors

OFM well and reservoir analysis software

PIPESIM steady-state multiphase flow simulator

## **ABOUT NExT**

NExT, a Schlumberger company, provides training, competency and professional development services for the oil and gas industry. With a portfolio of over 700 courses, training programs, and competency services covering technical and software skills, NExT, assists in developing the petrotechnical expertise needed to meet today's increasingly complex industry challenges. NExT was awarded the Getenergy's 'Localization Award' in 2016, after three consecutive year wins of 'Education and Training Provider of the Year'.



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