

Well Testing and Pressure Transient Analysis Masterclass

Oil & Gas Engineering
Accra (Ghana)
08 - 12 Sep 2025

UK Training

PARTNER

The background of the entire page features a grayscale checkered chessboard. In the foreground, several chess pieces are visible: a silver pawn on the left, a silver pawn in the center, and a large gold king piece on the right. In the background, there are concentric circles emanating from the center, creating a ripple effect.

Well Testing and Pressure Transient Analysis Masterclass

Ref: 321580_141287 **Date:** 08 - 12 Sep 2025 **Location:** Accra (Ghana) **Fees:** 3300 **Euro**

Course Description

This intensive 5-day course provides a comprehensive understanding of well testing and pressure transient analysis techniques. Participants will learn to design, conduct, and interpret various well tests to characterize reservoirs and evaluate well performance. The course covers both theoretical concepts and practical applications, with hands-on exercises using real-world data.

Learning Objectives

- Understand the principles and applications of pressure transient testing
- Design and execute various well tests for different reservoir scenarios
- Interpret pressure transient data using analytical and numerical methods
- Apply advanced techniques for complex reservoir systems and unconventional resources
- Evaluate well and reservoir performance using pressure transient analysis

Course Modules

Day 1: Fundamentals of Well Testing

- Introduction to well testing and pressure transient analysis
- Fluid flow in porous media and well testing theory
- Types of well tests and their applications
- Well test design and execution

Day 2: Pressure Transient Analysis Techniques

- Analytical solutions for various flow regimes
- Type curve analysis and diagnostic plots
- Pressure derivative analysis
- Wellbore storage and skin effects

Day 3: Advanced Well Test Interpretation

- Heterogeneous and naturally fractured reservoirs
- Horizontal and multi-lateral well testing
- Interference and pulse testing
- Hydraulically fractured well analysis

Day 4: Specialized Tests and Applications

The graphic shows the text 'UK Training' in a small, black sans-serif font above the word 'PARTNER' in a large, bold, black sans-serif font. The background features a stylized chessboard with several chess pieces (a king, a queen, and a pawn) and concentric circles emanating from behind the king piece.

UK Training
PARTNER

- Drill stem tests and formation testing
- Injection well testing and falloff analysis
- Multi-layer and commingled reservoir testing
- Gas well testing and analysis

Day 5: Integration and Practical Applications

- Integrating well test data with other reservoir characterization methods
- Uncertainty analysis and quality control
- Case studies and real-world examples
- Advanced software applications for pressure transient analysis

Practical Wins for Participants

- Ability to design and interpret well tests for various reservoir scenarios
- Improved skills in reservoir characterization and performance evaluation
- Enhanced decision-making capabilities for field development and management
- Proficiency in using modern well test analysis software and techniques

Blackbird training cities



Amman (Jordan)



Amsterdam (Netherlands)

Accra (Ghana)

Annecy (France)

Baku (Azerbaijan)

Bali (Indonesia)

Bangkok (Thailand)

Bangkok (Thailand)

Barcelona (Spain)

Batumi (Georgia)

Beijing (China)

Beirut (Lebanon)

Berlin (Germany)

Birmingham (UK)

Bordeaux (France)

Boston, Massachusetts (USA)

Brussels (Belgium)

Cairo (Egypt)

Cape Town (South Africa)

Casablanca (Morocco)

Cascais (Portugal)

Copenhagen (Denmark)

Doha (Qatar)

Dubai (UAE)

Düsseldorf (Germany)

UK Training
PARTNER



Blackbird Training Category



Human Resource



Audit & Quality Assurance



Finance, Accounting, Budgeting



Marketing, Sales, Customer Service



Secretary & Admin



Law and Contract Management



Project Management



IT & IT Engineering



Supply Chain & Logistics



Management & Leadership



Professional Skills



Oil & Gas Engineering



Health & Safety



Telecom Engineering



Hospital Management



Customs & Safety



Aviation



C-Suite Training



Agile and Refinement



Blackbird training Clients



MANNAI Trading
Company WLL,
Qatar



Alumina Corporation
Guinea



Booking.com
Netherlands



Oxfam GB International
Organization,
Yemen



Capital Markets
Authority,
Kuwait



Waltersmith Petroman Oil Limited
Nigeria



Qatar National Bank
(QNB),
Qatar



Qatar Foundation,
Qatar



AFRICAN UNION ADVISORY
BOARD ON CORRUPTION,
Tanzania



KFAS
Kuwait



Reserve Bank of
Malawi,
Malawi



Central Bank of Nigeria
Nigeria



Ministry of Interior
Kingdom of Saudi Arabia
KSA



Mabruk Oil Company
Libya



Saudi Electricity
Company,
KSA



BADAN PENGELOLA
KEUANGAN Haji,
Indonesia



NATO
Italy



ENI CORPORATE
UNIVERSITY,
Italy



Gulf Bank
Kuwait



General Organization for
Social Insurance
KSA



Defence Space Administration
Nigeria



National Industries
Group (Holding),
Kuwait



Hamad Medical
Corporation,
Qatar



USAID
Pakistan



STC Solutions,
KSA



North Oil company,



EKO Electricity



Oman Broadband



UNITED NATIONS
UN.



Authority for

UK Training
PARTNER



LONDON TRAINING PROVIDER



www.blackbird-training.com



training@blackbird-training.com



+44 7480 775526 / +44 7401 177335