



Wellsite Operations Training Courses 2021

Wellsite Geology Mudlogging **Drilling Technology**

Formation Evaluation



Westhill, AB32 6FJ Aberdeen tel: +44 (0) 1224 766949

Aberdeen Office:

Stag Geological Services Ltd. RG7 8UB, United Kingdom

tel +44 (0) 118 982 0151

Australia Office: WA 6152

Australia

tel: +61 (0) 8 9368 9468

South Afica Office: Montecasino,

William Nocol Drive, Fourways Johannesburg 2086.

tel:+27 11 510 0036



www.stag-geological.com



Training Overview

Scheduled Open Courses

Since 1995 Stag have been providing wellsite operations and formation evaluation training courses for personnel from Major Operators and Service Companies throughout the world.

Because of Covid 19 all our courses are currently omly being offered as online presentations using suitable conference meeting software applications.

Course Structure

All our programmes follow the same format and over the same number of days as our traditional classroom courses. The only difference being that we cannot do any hands-on work with drill cuttings.

Bespoke Course Design

We can design programmes to suit your specific needs for presentation at any time, for online presentation.

Course Accreditation



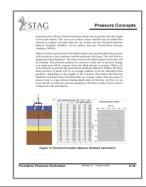
accredited training course

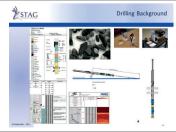
We have rreceived accreditation from The Geological Society of the United Kingdom for the following courses:

WO1: Introduction to Drilling & Wellsite Geology

G2: Operations & Wellsite Geologist

FE1: Basic Log Interpretation
P1: Formation Pressure Evaluation







In-House Programmes

Bespoke Training

- All our scheduled public courses are available to organisations on a proprietary basis for presentation at at a mutually convenient date. Currently due to Covid19 these will be online presentations.
- Rates for proprietary courses are based upon location, course length, numbers of participants and the need for any re-design to suit specific requirements







Course Dates 2021

January 11-15 18-20	WO1: Introduction to Drilling & WSG FE1: Basic Log Interpretation	Reading Reading	The control of the co
February 08-11 22-24	G2: Operations & Wellsite Geologist P1: Formation Pressure Evaluation	Reading Reading	The scheduled according to the control of the contr
March 15-19 22-24	WO1: Introduction to Drilling & WSG FE1: Basic Log Interpretation	Reading Reading	The Colongical Society according to the Colongy according to the Colongical Society according to the Colongical Society according to the Colongical Society
April 12-15 26-28	G2: Operations & Wellsite Geologist P1: Formation Pressure Evaluation	Reading Reading	The scholarical scholaries with training course De Community Community Scholaries according to the Community according to training course De Community
May 10-12	FE1: Basic Log Interpretation	Reading	Considerated training course The Considerated training course The Considerated training course Considerated training course
June 07-10 14-16	G2: Operations & Wellsite Geologist P1: Formation Pressure Evaluation	Reading Reading	The condensated sources of transactive sources of the condensate content of transactive sources of transactive sou

July 19-23	WO1: Introduction to Drilling & WSG	Reading	The Geological Sealery accepted training corne
September 13-16 20-22	G2: Operations & Wellsite Geologist P1: Formation Pressure Evaluation	Reading Reading	De Contemplead Sealed S
October 11-15 18-20	WO1: Introduction to Drilling & WSG FE1: Basic Log Interpretation	Reading Reading	The Geological Sealery according to the Commission of Police Geological Sealery according to the Commission of Com
November 08-11 15-17	G2: Operations & Wellsite Geologist P1: Formation Pressure Evaluation	Reading Reading	The Geological Sealery according to the Commission of Police Geological Sealery according to the Commission of Com
December 06-09	G2: Operations & Wellsite Geologist	Reading	The Constant and State of Stat







Target Audience

- Wellsite Geologists
- Operations Geologists
- Mud Loggers
- MWD Operators
- Directional Drillers
- Technical & Support Staff

Course Length

4 days

Course Fee

£1950 (+VAT)

G2: Operations & Wellsite Geology

Operations & Well Planning

Geological Data Acquisition Procedures

Well Planning Processes Geological Prognosis

Geology & Stratigraphy Pore Pressure/Fracture Gradient Site Survey & Shallow Gas Other Geological Hazards

Wellsite Geology

Duties and Responsibilities
Supervision of Wellsite Services

vision of Wellsite Servi Mudlogging Coring Wireline Logs MWD

Lithology and Completion Logs Geological Reports

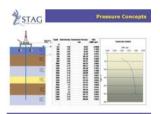
Geological Control & Geosteering

Wellsite Geological Techniques

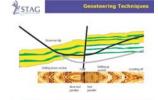
Drill Cuttings Evaluation Gas Evaluation Log Interpretation

Geosteering Techniques

Drilling Overburden
Landing the Well
Drilling the Reservoir











Course Aims

To provide an overview of the role of Operations and Wellsite Geologists in Well Planning and Drilling Surveillance phases. To provide practical instruction in wellsite geological techniques and geosteering co-ordination.

Delegates will learn how to:

- Describe & Evaluate drill cuttings
- Produce a Formation Pressure Profile to include estimated pore pressure and fracture gradient data
- Determine Lithology and Reservoir information from well logs
- Use Mudlogging and MWD data to perform real-time geosteering co-ordination

Operations Geology Overview

Duties & Responsibilities Well Planning Processes

 ${\sf G\&G\ Chapter\ of\ Drilling\ Programme}$

Geology & Stratigraphy

Pressure Profile

Site Survey & Shallow Gas Geological Hazards

Geological Hazards

Data Acquisition Procedures

Provision of Wellsite Services Identification & Selection

Logging Programmes

Data Management & Distribution Technical Support

Wellsite Geology

Duties and Responsibilities
Supervision of Wellsite Services

Mudlogging Services

Mudlogging Units

Sensors

Data Acquisition

Gas Detection

Sampling and Cuttings Evaluation

Depth and ROP

Coring Services

Conventional

Sidewall

Coring Procedures

Retrieval and Packing

Wireline Logs

Witnessing & QA Procedures
Ouick-Look Log Interpretation

MWD/LWD Services

Directional Surveys

Formation Evaluation Services

Documentation & Reports

G2: Operations & Wellsite Geology

Daily/Weekly

Lithlog & Composite Log Preparation End-of-Well Report

•

Practical Wellsite Geology

Description & Evaluation of Drill Cuttings

Oil Show Evaluation

Basic Log Interpretation

Construction of Lilthlog from cuttings and log data

Geosteering & Geological Control

Strategies & Teamwork

Horizontal & ERD Formation Evaluation

Geological Targets

Structural & Well Path control Landing the Well

Drilling the Reservoir Calling T.D.

Geosteering Case Study

Real-time geosteering case study using LWD, MWD & Mudlogging data in a role-play exercise





accredited training course

Target Audience

- Wellsite Geologists
- Operations Geologists
- Mud Loagers
- Drilling Engineers
- Directional Drillers
- MWD Operators
- Technical & Support Staff

Course Length

5 days

Course Fee

£2050 (+VAT)

WO1: Introduction to Drilling & Wellsite Geology

Drilling Technology

Well Planning & Rig Selection Drilling Equipment & Techniques

Drillstring Design & Bit Technology

Drilling Fluids & Well Control

Casing & Cementing

Directional Drilling

Wellsite Geology & Mudlogging

Data Acquisition Systems **Evaluation of Drill Cuttings** Gas Detection Equipment Lithology Logs

Formation Evaluation

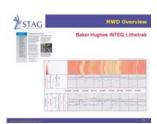
Cuttings Descriptions Coring Procedures Wireline Logging

Safety Monitoring

Measurement While Drilling Oil & Gas Show Evaluation GeosteeringTechniques







3 Fortuna Court, Calleva Park Aldermaston, Reading RG7 8UB, United Kingdom





Course Aims

To provide an introduction to drilling technology and wellsite geological techniques for those personnel new to the industry or transferring from non-operational roles.

Delegates will learn:

About the fundamental processes of drilling oil and gas wells

About the rig types, onshore and offshore drilling techniques, the drillstring components, drill bits, drilling fluids, casing and cementing operations, well control and directional drilling operations

How wellsite geologists collect & interpret geological data during the drilling process

About Surface data Logging, Coring, Wireline Logging and LWD Services

About, and receive instruction and hands-on pactice in, the microscopic description of drill cuttings and oil shows

WO1: Introduction to Drilling & Wellsite Geology

Drilling Rigs

Land Rigs Offshore Rigs Platforms

Drilling Technologies

Bit Technology

Design: Roller cone; PDC

Applications BHA Design, Drill Pipe

Hoisting, Rotating, Motion Compensation Well Control Equipment Drilling Fluids

Properties & Specifications Fluid Systems:

Oil Based Mud Water Based Mud Polymer Fluids Synthetic Systems

Fluid Circulation System Hydraulics Calculations Casing and Cementing Directional Drilling

Applications Steering Systems Formation Evaluation Survey Processes/calculations

Drill Returns Logging

Mud Logging Services Cuttings Recovery Lag Time Calculations Depth and ROP Recording Hydrocarbon Gas Evaluation

Total Gas Chromatographic Analysis Interpretation of Gas Shows

Wellsite Geology

Cuttings Sampling and Preparation Cuttings Description

Clastics Carbonates

Evaporites

Reporting Procedures Lithology Logs

Oil and Gas Show Evaluation

UV Light and Solvent tests

Coring Operations

Conventional Coring Sidewall Cores

Formation Evaluation

Wireline Logging Operations MWD Operations





accredited training course

Target Audience

- Wellsite Geologists
- Operations Geologists
- Mud Loggers
- MWD Operators
- Directional Drillers
- Technical & Support Staff

Course Length

3 days

Course Fee

£1500 (+VAT)

Obtaining Well Logs

The nature of well logs Conveyance Methods

Borehole Environment

Log Scales and Presentation Theory of Operation

Gamma Ray

Resistivity

Neutron Porosity Density

Log Interpretation

Sonic

Log QC

Lithology Determination

Gamma & S.P.

Density/Neutron Logs Crossplots

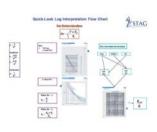
Facies & Environments

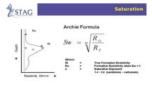
Reservoir Evaluation

Recognition of Permeability Identification of Hydrocarbons Fluid types & contacts Porosity and Permeability Determination Water Saturation (Sw) estimation

FE1: Basic Log Interpretation











Course Aims

To enable delegates to determine lithology, reservoir and pore fluid characteristics using Quick-Look log interpretation techniques from traditional open hole Wireline and LWD logs.

Delegates will learn how to:

- Identify lithology from well logs
- · Identify and evaluate potential reservoir rocks
- Determine porosity from Sonic, Bulk Density and Neutron Porosity logs
- Identify and evaluate hydrocarbon bearing zones and calculate Sw using Archie and graphical methods
- Correct for borehole and environmental conditions

Wireline Logs: Basic Concepts

Types of Open Hole Logs Information Required Log Header Relationships Borehole Environment Invasion Profiles Rw & Rmf Porosity and Permeability Resistivity and Water Saturation Temperature Corrections

Theory of Operation Spontaneous Potential

Gamma Ray Resistivity Logs Laterologs Induction Logs Microresistivity Logs

Neutron Porosity Sonic Formation Density Dipmeter Tools

MWD & LWD Tools

Theory of Operation Transmission Systems Tool Configuration Sensors Operating Procedures and Practice MWD/Wireline Response Comparison Borehole Imaging Logs

FE1: Basic Log Interpretation

Geological Interpretation

Identification of Lithology Environment and Facies Identification of Permeability Identification of Porosity Geosteering Applications

Reservoir Evaluation

Quick Look Porosity Calculations Identification of Hydrocarbon Bearing Zones Hydrocarbon Type Evaluation Saturation Calculations

Archie
Shaly sands
Carbonates
Resistivity Ratio

Imaging logs

Sonic Density Resistivity

Case Studies and Worked Examples





accredited training course

Target Audience

- Wellsite Geologists
- Operations Geologists
- Mud Loggers
- MWD Operators
- Drilling Engineers
- Directional Drillers
- Technical & Support Staff

Course Length

3 days

Course Fee

£1500 (+VAT)

P1: Formation Pressure Evaluation

Well Planning

Planning Wells with a safe operating window Health, Safety, Security and Environment Drilling HPHT Wells Shalow Gas

Pressure Concepts and Gradients

Definitions and Normal Pore Pressure Overburden Pressure Calculations Pressure Gradient Calculations Fracture Pressure Calculations & Modelling

Abnormal Pressure

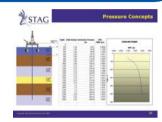
Causes of Abnormal Pore Pressure Pore Pressure Prdiction from:

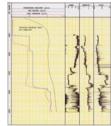
Dxc, ROP, Mud-Gas relationships Resistivity, Sonic, Density data Borehole Stability: cavings torque and drag, overpull

Fracture Pressure

Evaluation of Rock Fracture Pressure: Leak-Off Tests Mathematical Modelling Kick Tolerance

Well Control Procedures











Course Aims

To familiarize delegates with the challenges of planning and drilling wellsin a safe operating windowto minimise Health and Safety Incidents and Non-Productive Time.

To provide practical instruction in pore pressure and fracture pressure prediction to produce PPFG plots.

Delegates will learn:

- How to calculate and plot normal hydrostatic pore pressure and overburden pressure
- About the mechanisms that generate abnormal pore pressures
- How to calculate fracture pressure for LOT data and mathematical models
- · How to produce PPFG plots from offset well data

Introduction

Well Planning Requirements Safe Operating Window (PP-FG) Pore Pressure prediction and detection Wellbore Stability Fracture Pressure

Health, Safety, Security, Environment

Requirements and Well Planning Recent Incidents Operator Responsibilities Individuals' Responsibility General Duty

HP/HT Drilling: Definitions & Challenges

Definitions of HPHT

High Fluid Density High Formation Temperature Narrow Operating Windows Managed Pressure Drilling

Formation Pressure Evaluation

Fundamentals
Hydrostatic Pressures
Pressure Gradients
Elevations and Datums
Formation Balance Gradient
RFT data and PZ plots
Overburden Pressure Gradient
Data Sources
Calculation methods

Origin of Abnormal Pore Pressure

P1: Formation Pressure Evaluation

Compaction Disequilibrium Aquathermal Processes Clay Diagenesis Stratigraphic Processes Tectonic Processes Fluid Expansion

Practical Formation Pore Pressure Evaluation

Seismic Data ROP and Dxc Formation Gas Evaluation Borehole Behaviour Drilling Parameters Drill Cuttings and Cavings Geothermal Gradients Wireline/MWD Data

Methods

Trend Line Methods
Ratio
Eaton
Equivalent Depth
Unloading
Bowers

Fracture Pressure Gradients

Leak-off Tests Mathematical Modelling High Angle wells

Kick Tolerance



Target Audience

- Drilling Engineer
- Directional Drillers
- MWD Operators
- Bit Design Engineers
- Drilling Fluids Engineers
- Technical Assistants
- Office Support Staff

Course Length

3 days

Course Fee

£1500 (+VAT)

Geological Processes

Structure of the Earth

Stratigraphy & the Time Scale Rock Classification Sedimentary Processes Surface Processes Environments of Deposition

Structural & Petroleum Geology

Bedding & Lamination
Dip & Strike
Folding
Faulting
Geological maps
Petroleum Geology
Origin & Migration
Reservoirs & Traps
Reservoir Fluids

Sedimentary Petrology

Grains & Minerals
Textures
Porosity & Permeability
Pore Fluids
Log Interpretation
Wellsite Geology & Drilling

G1: Introduction to Geology















Course Aims

To provide an introduction to petroleum geology and practical wellsite geological procedures for engineers and those without formal geological training.

Delegates will learn how to:

- Recognize the physical and chemical properties of the major sedimentary rocks
- Examine hand specimens and drill cuttings of all the major rock types
- Understand sub-surface structures and basic reservoir geology
- Understand the effect of geology on key drilling practices
- Interpret lithology & geological features from LWD & Wireline Logs

Introduction to Geology

Structure of the Earth
Plate tectonics/Continental Drift

The Geological Time Scale Stratigraphy and Fossils

Rock Forming Minerals

Rock Classifications

Igneous

Metamorphic

Sedimentary

Sedimentary Rocks

Classification Schemes:

Clastics

Carbonates

Chemical Rocks

Geological Processes

Surface Processes

Weathering, Erosion, Transportation Environments of Deposition

> Continental Fluvial Marine

Depositional Features

Bedding & Lamination Sedimentary Features

Erosional Features

Structural Geology

Dip & strike, Folding and Faulting

G1: Introduction to Geology

Geological Maps

Creating surface maps from

outcrop data

Drawing structural cross sections

Petroleum Geology

Origin of Hydrocarbons

Migration Traps

Reservoir Properties

Sedimentary Petrology

Mud Rocks:

Textures, Colours, Mineralogy,

Environents

Sandstones:

Grain Texture, Components, Cements, Porosity and Permeability, Environments

Carbonates:

Components, Grains, Cement/Matrix,

 $Diagenesis, Environments, Dunham\ Classification$

Chemical Rocks:

Evaporites, Others

Drill Cuttings /Oil Show Evaluation

Sample Collection/Processing Sample Description & Analysis

Oil Show Evaluation

LWD & Wireline Logs

Lithology from Basic Open Hole Logs



C1: Best Practices in Core Handling & Analysis

Target Audience

- Wellsite Geologists
- · Operations Geologists
- Petrophysicists
- Exploration & Development Geologists
- Reservoir Engineers
- Technical & Support Staff

Course Length

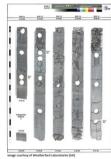
3 days

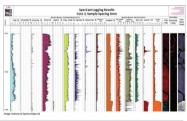
Course Fee

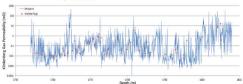
£1500 (+VAT)

Overview

- The course will be a combination of short lectures, practical workshops and plenary discussions to consolidate learning.
- Each topic will be presented by the expert tutor using MS PowerPoint presentations.
- Sessions will be structured carefully to ensure optimisation of learning expectations verbally and on PowerPoint, followed by practical exercises to embed understanding.
- Discussions and question and answer sessions are encouraged to ensure understanding.
- Each session will contain a practical exercise which will be either on paper and in Excel.
- Attendees should be familiar with basic calculation and charting functions in Excel.
- Attendees will have opportunities to share their own experiences, discuss data and explore any issues they may have had relating to core and core analysis data.









Course Aims

To provide an understanding and appreciation for best practice in core handling and processing.

Provide an awareness of the effects of mineralogy and heterogeneity on core and log data quality.

Be able to design a core sampling strategy and build a core analysis programme for all stakeholders.

Delegates Will Learn:

- About different coring techniques
- · How to recover and process core safely and competently
- The importance of heterogeneity and mineralogy and their effects on sampling strategy
- How to design a core analysis test programme and work successfully with laboratories
- How to measure porosity, permeability and water saturation in core
- Gain an understanding of methods to integrate core analysis data with log interpretation and geological models.

Day 1

Course Introduction - Why do we Core?

Introduction to Coring

Coring in 'Problematic' Formations:
Fractured. Vuggy and Unconsolidated Formations

Pressure Coring

Safe Core Recovery

Wellsite Core Handling: inc. Core Stabilisation Methods

Core Transport to the Laboratory

Factors Effecting Core and Log data Quality

Introduction to Scales of Measurement in Core Analysis and Logs

Day 2

The Effects of Heterogeneity on Core and Log Data

Core to Log Depth Shifting Theory and Practice

Sidewall Coring/Plugging:

Tool Types, Sample Recovery Handling, Limitations

Designing a Core Analysis and SCAL Test Programme

Core Analysis Laboratory Selection

Core Handling in the Laboratory

Sample Selection, Plugging, Core Slabbing and Preserving Sample Cleaning and Dying Methods

Core and Log Porosity:

Core Handling & Analysis

C1: Best Practices in

Understanding Different Measurements Factors Effecting Data Quality and integration

Day 2

Water Saturation from Core:

Dean-Stark Measurements Theory, Best Practice and Integration with Log and Other Core Data

Permeability

Controlling Factors, Measurement Choices and Quality Control

Pore Volume Compressibility and Net Overburden Pressure: its Effects on Core Analysis Data

Mineralogy from Core.

Different Measurement Types and Integration with Log Data

Integration of Reservoir Geology, Core Analysis and Log Data

Petrophysical Rock Types:

An Introduction to Different Rock Types (Inc. Flow Zone Index). Integration with Core and Log Data. Comparison with Geological Facies.

Definition of Pore Geometry from Core using Mercury Injection Capillary Pressure, Backscattered Electron Microscopy and CT Imaging

Course Conclusion and Review



Well Planning Training

WPFT1: Geological control on drilling performance

Target Audience

Subsurface and Drilling personnel involved in Well Planning and Delivery:

- Well Planning Engineers
- Drilling Engineers
- Exploration Geologists
- · Operations Geologists
- Wellsite Geologists

Course Length

5 Days

Course Style

A practical workshop, predominately field based using locations in and around Dorset and Somerset, southern UK.

Workshop Overview

A short field course to examine Geological control and influence on drilling predictability and performance.

This trip is suitable for all Subsurface and Drilling personnel involved in Well Planning and Delivery.

Course Summary

The standard workshop is based in Dorset and travels to other locations in Somerset.

Bespoke workshops can be designed around other areas of relevant geology specific to client requirements. This is particularly useful if a team wants to gain an appreciation of drilling considerations around a particular stratigraphy, structure or lithology, or perhaps to gain a better understanding of perceived or historically recognised problems.



Well Planning Training

WPFT1: Geological control on drilling performance

Course Aims

To examine rocks in the field and build a mutual understanding, within the team, of why rocks drill the way they do.

- To understand the geological significance to drillers.
- To understand the drilling significance to geologists.
- To appreciate geology that is predictable and what is not.
- To help reduce uncertainty and geological NPT.
- To promote the value of field and outcrop analogue, in the well planning process.
- To improve performance in a cost challenged environment.

Delegates will learn that:

- During post-well evaluation of drilling problems it is often apparent that warning signs were missed, not recognised or ignored.
- Inappropriate reaction to observed warning signs often exacerbate or escalate problems.
- Many geology related issues experienced while drilling, or geological NPT, can be predicted and mitigated during well planning.
- Appropriate mitigation to unforeseen geological events experienced while drilling can be developed and promoted within a team to ultimately yield improved performance.

Common Scenarios

Scenarios that are considered and measured during this workshop:

- An event that was identified and predicted during the well planning process that became managed.
- An event that was identified and predicted during the well planning process but was worse than anticipated while drilling, but with appropriate planning as actively managed with little NPT.
- An event that was not predicted during planning, but due to enhanced reaction and mitigation planning, was managed with some NPT, but a significant event was avoided.
- An event that was not predicted during planning, was difficult to manage and resulted in significant NPT.





WPFT1: Geological control on drilling performance

Discussion Topics

- Drilling unconsolidated, and poorly cemented sands
- Mudrocks matter to drillers!, and getting to grips with gumbo
- Sandstones, Chalk, Marl and Limestone Planning for and managing losses
- Geological Scale -Seismic vs log resolution vs outcrop scale
- Faults, folds and other geological structures at various scales, and the problems that they can cause
- Bedding, Joints and other discontinuities and their influence on drilling
- · Hard bands and negative drill breaks
- Geological control on directional drilling and geosteering
- · Ledging, Key-seating and wellbore geometry
- · Considerations for casing running and shoe positioning
- Predicting and mitigating drilling problems during the well planning process
- Using drilling data to interpret geology in the absence of logs
- Geosteering, geostopping and geology at the bit
- · Predicting and mitigating wellbore Instability
- Understanding how geological uncertainty adds to the challenge of drilling
- · Reservoir, Source and Seal rocks, Oil seeps









Instructor Profiles



Martin B. Saunders Training Manager

has forty four years experience as wellsite geologist and technical training manager. He specializes in wellsite operations and petroleum geology training and has been teaching oilfield courses for twenty five years. Martin holds a B.Sc. (Hons.) degree in geology from the University of Wales, Aberystwyth and began his career with EXLOG (now Baker Hughes Inteq) in 1974 and worked at the wellsite before joining the training department of Baker Hughes in the UK in 1982. Here he was responsible for all internal technical training for the Europe/Africa/Middle East Division and was also responsible for the expansion of its external, commercial training operations.

He has presented courses throughout the world to personnel from major operators and service companies including BP, Exxon, Anadarko, MOL, Chevron, Maersk, Total, Wintershall, Perenco, ADNOC, Saudi Aramco, GDF Suez, Tullow Oil, Spirit Energy, Ophir Energy, Baker Hughes and Halliburton among many others.



Instructor Profile



Dr. Adam K. Moss Core Analysis Expert

Adam is a core analysis expert with over 25 years' experience working in petrophysics. He has designed and presented training courses internationally on a wide range of topics. including:

Special Core Analysis for Reservoir Modelling, Guildford, UK, NAMCOR, September 2017

An Introduction to Special Core Analysis, Reading, UK, BG Group. January 2016

Unconventional Reservoir Core Analysis, Brisbane, Australia, Queensland Gas Company, November 2013.

NMR – Basic to Expert User, Abu Dhabi, UAE, Public Course, December 2003

In 2017 Adam formed AKM Geoconsulting Ltd, to offer core and special core analysis consulting services to industry. From 2006 to 2016, he was the Global Group Technical Authority for Core Analysis at BG Group. He was responsible for all aspects of BG Group's coring and core analysis projects worldwide. This included defining best practice workflows and working with assets and multi-functional teams to ensure core analysis data was of the best quality and used appropriately. Prior to joining BG Group, he was the Senior NMR Petrophysicist at ResLab UK, and responsible for all aspects for the company's NMR core analysis services.

Adam has an established track record in teaching and research in academia, working at the Royal School of Mines: Imperial College (1995-2001) and since 2015, as Honorary Assistant Professor at Heriot-Watt University. He served as president of the London Petrophysical Society (LPS) from 2010-2012.

He holds a PhD on the 'Characterisation and Modelling of the Pore Structure of Reservoir Sandstones.



Reading, Berkshire, U.K.

3 Fortuna Court, Calleva Park Aldermaston, Reading RG7 8UB, United Kingdom

tel +44 (0) 118 982 0151



Training Centre Locations

Aberdeen, Scotland, U.K.

Westpoint House Prospect Road Arnhall Business Park Westhill Aberdeen AB32 6FE

tel +44 (0) 1224 766949

Perth, Australia

Como Corporate Centre, Suite 22, 11 Preston Street, Como, Perth, WA 6152 West Australia, Australia

tel +61 8 9368 7468