Assigning Permeability - Who Knows... (Best)?

FESAus Distinguished Lecturer

Martin Kennedy Presents:

Permeability is often treated as just another rock property but anyone who has attempted to predict it soon realises that it is much harder to estimate than porosity.

This talk is a based on a permeability workshop that was held in Perth in 2008. The half day workshop consisted of a series of half hour talks on various aspects of permeability given by local petroleum engineers and covered everything from definitions to specific measurement techniques using core, logs and tests.

This lunchtime talk summarises discussions from the workshop and then goes on to discuss how the different techniques compliment each other and why they often disagree. In particular the question of whether lack of agreement is a nuisance or actually tells us something more about the reservoir.

Date
Tuesday 21 July, 2009
12:00pm - 2:00pm

Location
Holiday Inn
65 Hindley Street

Cost
$45 Members
$55 Non-members
$15 Students

RSVP
tegan.digby@santos.com by 2:00pm Wednesday 15 July

Biography
Martin Kennedy is a Consultant Petrophysicist based in Perth. He started his career as a wireline logging engineer with Schlumberger and has been involved in some aspect of petrophysics ever since. After short spells working in research and government, he joined British Gas plc in 1991 and moved to Enterprise Oil plc five years later. He was Chief Petrophysicist at Enterprise from 1997 until the Shell takeover when he joined Petro-Canada International, also as Chief Petrophysicist. He joined Woodside and moved to Perth in 2003 and was appointed Chief Petrophysicist eighteen months later. Over the next five years he worked on most of Woodside's Australian and overseas assets and at the same time implemented a range of improvements to Woodside's Petrophysics capability. In 2008 he left to work as an independent consultant and now supports a wide range of organisations working throughout the world.

His experience ranges from field developments to quick-look evaluations supporting new venture activity, operations and unitisation and he has worked in many of the classic petroleum provinces. He also has considerable experience in more difficult areas of petrophysics such as evaluation of carbonates, fractured reservoirs and tight gas. Kennedy holds a B.Sc degree in Chemistry from Bristol University and a Ph.D in Electrical Engineering from Edinburgh University.