



FESAus Monthly Technical Meeting

Changed Subject:

“Frames of Reference: Why do some oil and gas drilling projects succeed while others fail?”

David Bowling (MSc), Geomechanics Sales Lead (Baker Hughes)

Abstract: :

While fewer exploration, appraisal and development wells are currently being drilled a larger percentage of these wells may be failing to reach their planned target depth and production requirements than in the past. There are technical and non-technical reasons for this trend. A few of the reasons include experience and interpretation, planning and resources, operations and execution strategy, contingency and mitigation plans, budget and time available. These are in addition to the challenge of drilling into the unknown with unpredictable geology, rocks and pressure, and all the time trying to safely go further, faster, deeper and cheaper. It is an increasingly difficult challenge get right first time.

The talk will introduce geomechanics and the consequences of failure from a few different disciplines/perspectives seen over the last 20 years. We will then walk through a few technical and non-technical “Frames of Reference” to consider and share ten steps/rules of thumb which can be used to improve success first time. We will then finish with some examples involving a well, field and country scale where some simple workflows have helped overcome some of the challenges discussed earlier.

About the Presenter:

Mr. David Bowling is the Geomechanics Sales Lead for Baker Hughes, a GE company in Asia Pacific Region. David has spent over 25 years in the petroleum industry in mostly business development and management roles covering the Asia Pacific region and currently based in Perth, Australia. David catalogued earthquakes in Tadjikistan in 1989 before working with SSL as a seismic data processing geophysicist in Libya for two years. He completed a Masters in Exploration Geophysics in Leeds in 1993 and joined EDCON to acquire gravity and magnetic data in USA and Europe. He moved to Mozambique in 1995 working as a consultant for BP, an account for the British High Commission, teaching homeless street kids Portuguese, and managed the prosthetic aide program for an NGO which manufactured and distributed orthopaedic appliances throughout Mozambique. He moved to KL joining Cambrian responsible for their Wellsite and Operations Geology consulting services in 1998. He joined BHI (formerly GMI) in a sales role in 2006 and moved to Perth in 2009 after 11 years in Asia. He has enjoyed the last 12 years working with many different geomechanical experts to see how the discipline has evolved and become an integral part of every oil and gas project from exploration through to abandonment.

DATE: Tuesday 8th May 2018, 12:00 – 1:30 PM VENUE: Hotel IBIS- 334 Murray Street, Perth

COST: Members \$30.00; Non Members \$40.00; Students/Retirees \$10.00

Online registration at www.fesaus.org

Note: limited seats for unregistered attendees may be available: \$50.00 cash door charge

