



5. Tutor CV - Detailed

Rob Kirk

Rob Kirk Consultants

Summary

- 40 years of seismic and well interpretation experience, 25 of which are seismic and sequence stratigraphic (Woodside, BHP, Occidental and SA Oil and Gas Corp)-last 10 years as independent consultant
- Worked in 20 countries in 40 basins in most geological environments from deepwater clastics to carbonates
- Specialist in seismic facies mapping-manual and automated and the calibration of these with well data to construct palaeogeography maps from regional to field level
- Large analogue image database (outcrop and subsurface) to be used to calibrate operational work
- Able to package outcrop, well and/or seismic data into "predictable" geological, mappable units
- Able to provide sequence stratigraphic and seismic facies mapping workflows and to set up and run asset regional workshops etc
- Help with reservoir presence and effectiveness risking, seal and occasionally source rock presence
- Able to work in your office solo or as part of a team as well as in Tasmania on my Kingdom software
- Can provide in house seisfacies and sequence stratigraphy training to staff or foreign NOCs (have taught NOC schools in Kuala Lumpur, Islamabad, Mumbai, Milan, Ploesti, Bucharest and Algiers)
- Winner of 1991 AAPG Best Paper Award, 1993 PESA Distinguished Lecturer and 1994 Keynote Speaker at GCSSEPM, Houston
- 2006 and 2014 PESA Distinguished Lecturer-Seismic Facies Mapping workshop around Australia
- Seismic stratigraphy mapping workshops given in Melbourne, Adelaide, Sydney, Brisbane, Perth, Houston, Islamabad, Algiers, London, Edinburgh, Stavanger, Singapore, Sydney, Milan, Ploesti, Mumbai, Bucharest, Kuala Lumpur
- Nautilus/RPS lecturer-5 day Seismic and Well Facies Mapping courses (Workshops (Milan, London, Edinburgh, Stavanger, Ploesti, Bucharest, KL, Perth, Mumbai)-
- The 5 day courses all belong to me so can also be given privately or publicly
- Regular Seismic Stratigraphy column on my website (www.robkirkconsultants.com.au)
- MSc and BSc(Hons)

Company Employment

Shell (Perth-TA) 1977-1978
SA Oil and Gas (Adelaide) 1978-1980
Occidental (Adelaide) 1980-1982
Occidental (Perth) 1982-1984
Occidental (California) 1984-1987
BHP (Melbourne) 1987-1998
BHP (London) 1998-2001
Woodside (Perth) 2001-2005

Publications

1. Kirk, R.B., 1986, A Seismic Stratigraphic Study in the Barrow Sub-basin, Seismic Stratigraphy II, AAPG Memoir 39.
2. Boote, D.R.D. and Kirk, R.B., 1987, Depositional Wedge Sequences Within a Mid-Mesozoic Rifted Margin, West and Northwestern Australia. (Winner of the 1991 AAPG Pratt Memorial Award). 1993 PESA Australian Lecturer, The Sequence Setting of Marine Source Rocks.
3. Kirk, R. B., Lowstand Seismic Facies - A Carnarvon - Browse Basin Comparison, Exploration Geophysics (1991) 22, 207-214.
4. Keynote Lecturer 1994 GCSSEPM Conference, Houston , The Turbidite Reserves of Australia/New Zealand.
5. Kennard, J. M., Allen, G. and Kirk, R.-Sequence Stratigraphy: a Review of Fundamental Concepts and Their Application to Petroleum Exploration and Development in Australia, AGSO Journal of Australian Geology and Geophysics, 17 (5/6), 77-104.
6. Seggie, R, Kirk, R et al-Integrated Multidisciplinary Analysis of the Rankin Trend Gas Reservoirs, NW Shelf, Australia-International AAPG, 2006.
7. Seggie, R, Kirk, R et al-Depositional Analogues and Sequence Stratigraphy for Late Triassic Fluvial-prone Successions of the Rankin Trend Gas Reservoirs, NW Shelf, Australia-International AAPG, 2006.
8. Seggie, R, Kirk, R et al-Late Triassic-Early Jurassic Non-marine to Marginal-marine Sequence Stratigraphy and Paleogeography of the Rankin Trend Gas Reservoirs, NW Shelf, Australia-International AAPG, 2006.
9. Kirk, R et al-Sequence Stratigraphy and Chronostratigraphy of the Malay Basin Unravels New Exploration Plays Australia-International AAPG, 2006.
10. Regular seistrat column in PESA News.
11. CHRONOSTRATIGRAPHIC CHART OF THE SEDIMENTARY BASINS OF MALAYSIA, Robert Wong Hin Fatt¹, Barry Boyce^{*1}, Dr. William Krebs¹, Md. Yazid Mansor¹, Dr. Peter Barber², Dr. Robert J. Morley³, Dr. Shamsudin B Jirim¹, Dr. Jaizan Hardi Mohamed Jais¹, Dr. M Jamaal B Hoesni¹, Robert Kirk², Gregory Meldrum² and Martin Pott, PETRONAS, Kuala Lumpur, Malaysia; ISIS, Perth, Australia; 3 Palynova, Bogor, Indonesia. Petroleum Geology Conference and Exhibition 2006, 27-28th November, 2006 □ Kuala Lumpur Convention Center, Kuala Lumpur, Malaysia

Education

Adelaide University, BSc 1975 (Geology and geophysics)

Adelaide University, BSc Hons 1976 (Geophysics)

University of Western Australia, MSc 1978 (Geology and geophysics).