



FESAus April 2020 Talk (Webinar)

How to do Quick-Look Shaly Sand Log Analysis with Confidence – Mark Deakin

HALLIBURTON

The operations petrophysicist faced with the daunting task of producing fit-for-purpose Quick-Look results in the freshwater, stacked shaly sands of S.E. Asia and elsewhere will understandably feel challenged. This is largely due to the fact that the methods and data he/she adopts typically fail to provide the necessary information to distinguish hydrocarbon zones and permeability. Rather than using porosity/conductivity log analysis - a tool intrinsically unsuited to the task at hand - this talk reminds us of some of the numerous simple, cross-disciplinary techniques which we can use to cross-check and harden our Quick-Look log analysis. Commonly available special log, non-log and generic data are employed to this end.

MARK DEAKIN is a consultant and course instructor in Petrophysical Data Integration. He holds a Ph.D. in 'Integrated Petrophysics' from London's Imperial College, is an ex Amoco petrophysicist and has over 25 years' experience, including 20 as a course instructor with PetroSkills and HOTEng. He has performed over 60 detailed reservoir studies worldwide; primarily in Southeast Asia's low-contrast pay and carbonate & fractured reservoirs. Deakin's approach is to identify and rank reserves uncertainties then guide companies towards defensible booked reserves via the application of new technology, targeted data acquisition and the systematic, logical integration of all the available related data. Deakin authored the first public Integrated Petrophysics course in 1989, later followed by others focusing on the more difficult aspects of petrophysics and petrophysical integration. His interests lie in Renewable Energy, using petrophysical databases effectively and more recently on how to verify and apply the power DRP (Digital Rock Petrophysics), with logs.



- DATE:** Tuesday April 14th, 2020 - 12:30 – 1:30 PM **VENUE:** FESAus Goto Webinar Offering
- COST:** Members \$10.00; Non Members \$20.00; Students/Retirees Free
Online registration at www.fesaus.org by Friday 10th April at 11.00 am
- Note:** Webinar Sponsorship services provided by Halliburton Australia