



## Pitfalls in Petrophysics and Core Analysis

### Brisbane Seminar

**Date:** Thursday, 2 May 2019

**Time:** 3.30 to 4.30 pm

**Registration:** Please register online at <https://www.fesaus.org/>.  
**Numbers are limited, book early to avoid disappointment!**

**Place:** Meeting Room 5.02  
Level 5, 1 William Street  
**IMPORTANT :** *All attendees will need to meet in the foyer at least 15 minutes prior to start. They will need to sign in with photo ID. Justin Gorton will be your host. A DNRME representative will escort groups up to the room.*

**Cost:** FESQ and student members free

**Presented by:** Tim O'Sullivan

**Abstract:**

With the power and ease of use of modern petrophysical software, it is relatively painless for anyone to do petrophysics. Training courses are provided in many aspects of petrophysical workflows, so it is easy for someone to get up and running with petrophysical interpretations.

The problem is inexperienced petrophysicists are unaware of the many pitfalls that are present. The problem is compounded by the retirement of many experienced petrophysicists who in the past guided new petrophysicists.

Often experienced geoscientists, engineers and team leaders are unaware of the pitfalls and do not know the relevant questions to ask the petrophysicist in peer review meetings.

Over my 40-year career in the oil and gas industry, I have been compiling a list of all the pitfalls—at last count there was more than 100. This talk will deal with four pitfalls. Later in the year, a full training course will be offered, presenting and discussing the entire list.

Having fallen into most pitfalls at least once, I can now use my experience to prevent you and your company from making the same mistakes.



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**About the presenter:**



A highly committed and motivated Petrophysicist and Geoscientist, I am passionate about petrophysics and geoscience together with life-long learning to provide constructive support for my peers and colleagues. Currently am consulting in petrophysics worldwide. It is an excellent opportunity to bring the knowledge gained over 40 years of consulting to companies in India, Malaysia, Africa and the Middle East.

I also have provided training, mentoring and lectures in shale gas, core analysis and petrophysics throughout the region.

Experience of basins and fields in four continents. Highlights of my career have been part of discovery team for the Barmer Basin billion barrel oil fields and then seeing the fields coming onto production, and in particular identifying the gaps in data and reservoir characterization. Was also chosen to be an SPE Distinguished Lecturer for 2010 and 2011, delivering the topic of Core and Log Integration to chapters throughout the world.

I believe delivery is through people and the right technology and innovation is the key for success.