



Call For Abstracts – 1st November

Fracture Gradient: Fact or Fiction

Date 25-26th March 2025

Location Burlington House, Piccadilly, London W1J 0BG

An assessment of the magnitude of the minimum *in situ* total stress in rock formations is of major importance in various areas of petroleum engineering including wellbore stability and fracture geometry prediction in well stimulation applications. More recently, the Energy Transition requires full understanding of rock behaviour in terms of retention capacity.

It is clear the term “fracture gradient” means different things to different sub-surface disciplines, which may result from terminology not being standardised but also because different disciplines refer to alternative aspects of stress measurements in boreholes.

This workshop aims to bring the exploration, drilling, stimulation & development communities together, to establish what we know, how to standardise terminology, and how to establish the state of the art and best practice.

Topics to be included:

- Field/outcrop observations and fundamentals of rock mechanics
- Leak-off tests (LOT) and Extended Leak-off tests (XLOT)
- Alternative estimates of *in-situ* stress
- Ben Eaton Tribute - pore and fracture pressure algorithms
- Geology/lithology and other influences on fracture gradient
- Static vs dynamic data
- Depleted Reservoirs and Stress Paths
- Fracture gradient in tectonically active regimes
- Fracture gradient in deviated wells
- Remote methods to predict fracture pressure
- Applications of fracture gradient measurements

For further information please contact:

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