

*Finding Petroleum* Forum #18  
“Unconventional oil and gas.....”

# Welcome & Introduction

# *Finding Petroleum* Forum(s)

*A regular series:*

- ✓ *Focussing on exploration, technology, innovation*
- ✓ *Allowing companies to explain, and oil & gas professionals to master, the latest developments*

*Based on:*

- *Presentations by leading, innovative, companies*
- *Networking opportunities (+ a free lunch!)*
- *Video-streaming of presentations through **Finding Petroleum** web-site*

*.....so no need to scribble notes or to draw diagrams – it'll all be on the Net in a few days.....*

# What do we mean by UNCONVENTIONAL?

- Conventional:

= Light Oil and 'Clean' Gas in good poroperm sandstone or carbonate reservoirs

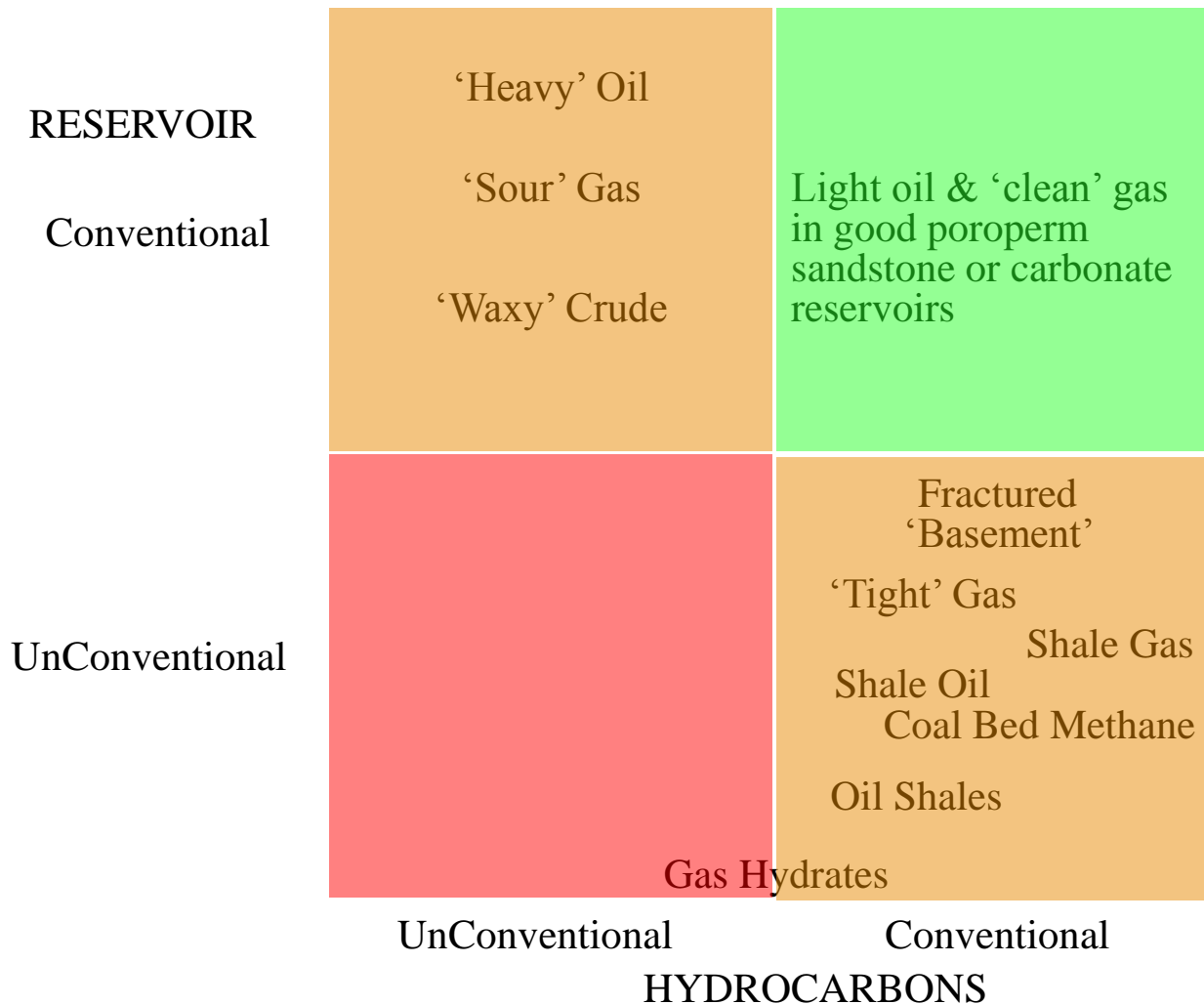
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  - = Examples: 'Heavy' oil, 'Sour' gas, 'Waxy' crude

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- UnConventional Hydrocarbons:
  - = Examples: ‘Heavy’ oil, ‘Sour’ gas, ‘waxy’ crude
- UnConventional Reservoirs:
  - = Examples: Fractured Reservoirs (e.g. Basement), Shales, Coal Beds, ‘Tight’ Sandstones, ....., Gas Hydrates

# What do we mean by UNCONVENTIONAL?



- **Known technology**
- **Known technology: debateable/impossible economics offshore**
- **Unknown technology**

# Some good economics, some debateable?

- UnConventional Oils/Conventional Reservoirs:

For example 'Heavy' Oil:

Production from Grane (NOCS), Captain, Alba (both UKCS)

Development Planning at Mariner (UKCS)

Appraisal at Kraken (UKCS)

Debateable at Bentley (UKCS)

For example 'Waxy' Crude:

Production from Rajasthan (India); and much of SE Asia

Development Planning in Albertine Rift (Uganda)

Debateable in the North Falkland Basin