Utah Area - Based Events (USA)

Designed for:
An intermediate-advanced level course for production geoscientists working in clastic systems, especially those in which correlation and high resolution sequence stratigraphy are relevant. Also useful for geophysicists interested in seeing seismic-scale outcrops and understanding reservoir scale heterogeneity lying 'inside the loop'.

Duration
(days)
1 2 3 4 5

Learning Level:
Skills
Knowledge
Awareness

World-class distributive fluvial and shoreface analogues

Field visit to world-class exposures of clastic systems with sequence stratigraphic-influenced architectures. Kilometre-scale outcrops with fine-scale architectural detail, understanding of which underlies attempts to correlate and model complex clastic reservoir systems.

What's here?

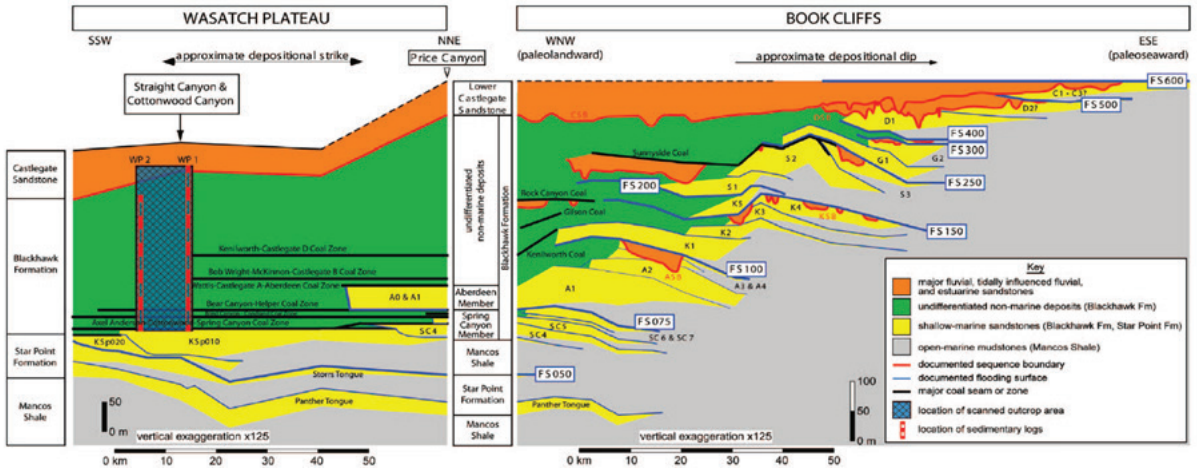
Km-scale shoreface exposures.

Incised valley fills.

Distributive fluvial sequences.

Brent Group analogues (Ness, Etive, Rannoch).

Textbook sequence stratigraphic examples.



Early Development
E&P Overview
Reservoir
Wells
Business & Risk
Open Air
Coaching
Master Class

Utah Area - Based Events (USA) continued

Course Content

Day 1 – Salt Lake City: shoreface sedimentology and sequence stratigraphic overview.

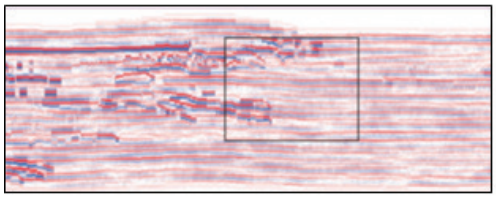
Book Cliffs: lithostratigraphy vs. high resolution sequence stratigraphy.

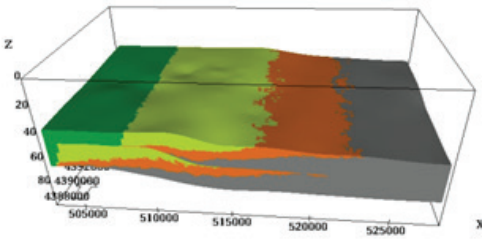
Day 2 – Gentile Wash: marine to non-marine correlation at the parasequence scale; fluvial vs. shoreface parasequences.

Day 3 – Woodside Canyon: shoreface with estuarine incised valley; IVFs vs. distributary channels and internal heterogeneity.

Day 4 – Green River: shallow marine correlation exercise supported by synthetic seismic; forced regressions and lowstands.

Day 5 – Emery Sst. and Joe's Valley: growth-faulted deltaic parasequences; large scale fluvial stacking patterns.





Access

Road and canyon access; minimal walking

Logistics

Salt Lake City, Green River, Helper and optionally Moab. Transport by 4WD.

Duration

5 days, depending on content.

Courses available from this series:

Moray Firth-based Events (Scotland)
Northumberland-based Events (England)
Yorkshire-based Events (England)
Derbyshire -based Events (England)
Dorset-based Events (England)
Pembrokeshire-based Events (SW Wales)
Somerset-based Events (England)
County Clare-based Events (Ireland)
Annot-based Events (France)
Provence-based Events (France)
Tabernas-based Events (Spain)
Pyrenees-based Events (Spain)
Utah-based Events (USA)
East Kentucky-based Events (USA)
Sicily-based Events (Italy)

Course Tutors

John Howell PhD

Main Series tutoring: Reservoir, Open Air
Industry experience: over 25 years, geoscience
Career background: Gaps, University of Liverpool, University of Bergen, Rocksource ASA
Personal: Published over 100 scientific articles and edited three books

Mark Bentley PhD

Main Series tutoring: Reservoir, E&P Overview, Open Air and Master Class
Industry experience: over 25 years, geoscience
Career background: Shell, AGR and TRACS
Personal: Author 'Reservoir Model Design', SPE and EAGE distinguished lecturer, AGR & TRACS Training director, associate professor Heriot-Watt University

TRACS International Limited
East Wing First Floor, Admiral Court
Poynernook Road, Aberdeen, AB11 5QX
Tel: +44 (0)1224 024074

Contact
training@tracs.com

www.tracs.com /tracs-international