

Controls on marginal marine and nonmarine stratigraphic architecture: New constraints from the Cretaceous Straight Cliffs Formation, Utah

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Regional correlation of marine to nonmarine facies reveals complex facies and reservoir architecture. Prevailing sequence stratigraphic models do not adequately describe these relationships or the primary controls on the time-space evolution of fluvial systems. Results lead to improved prediction and imaging of subsurface hydrocarbon reservoir analogs.

Outcrop Characterization → Improved Depositional Models → Reservoir Prediction

