



**Figure 4.4.** Sequence stratigraphic cross-section B-B' is a cross-section orientated southwest to northeast across the study area. This cross-section is based on core data and well log interpretation. Included in this figure are the Cherokee Group lithofacies, interpreted sequence stratigraphic surfaces, and interpreted systems tracts. Index map shows location of wells in cross-section. Datum is the maximum flooding surface at the

**Systems Tracts**

- Highstand systems tract
- Transgressive systems tract
- Lowstand systems tract

**Sequence Stratigraphic Surfaces**

- Sequence Boundary (SB)
- Maximum Flooding Surface (MFS)

**Facies**

- Conglomeratic Sandstone
- Cross-Laminated Sandstone
- Glauconitic Sandstone
- Grey Sandy Siltstone
- Carbonate Wackestone to Packstone
- Skeletal Packstone to Grainstone
- Cherty Conglomeratic Breccia
- Variegated Silty Mudstone
- Grey Shale
- Lingulid Shale
- Black Shale