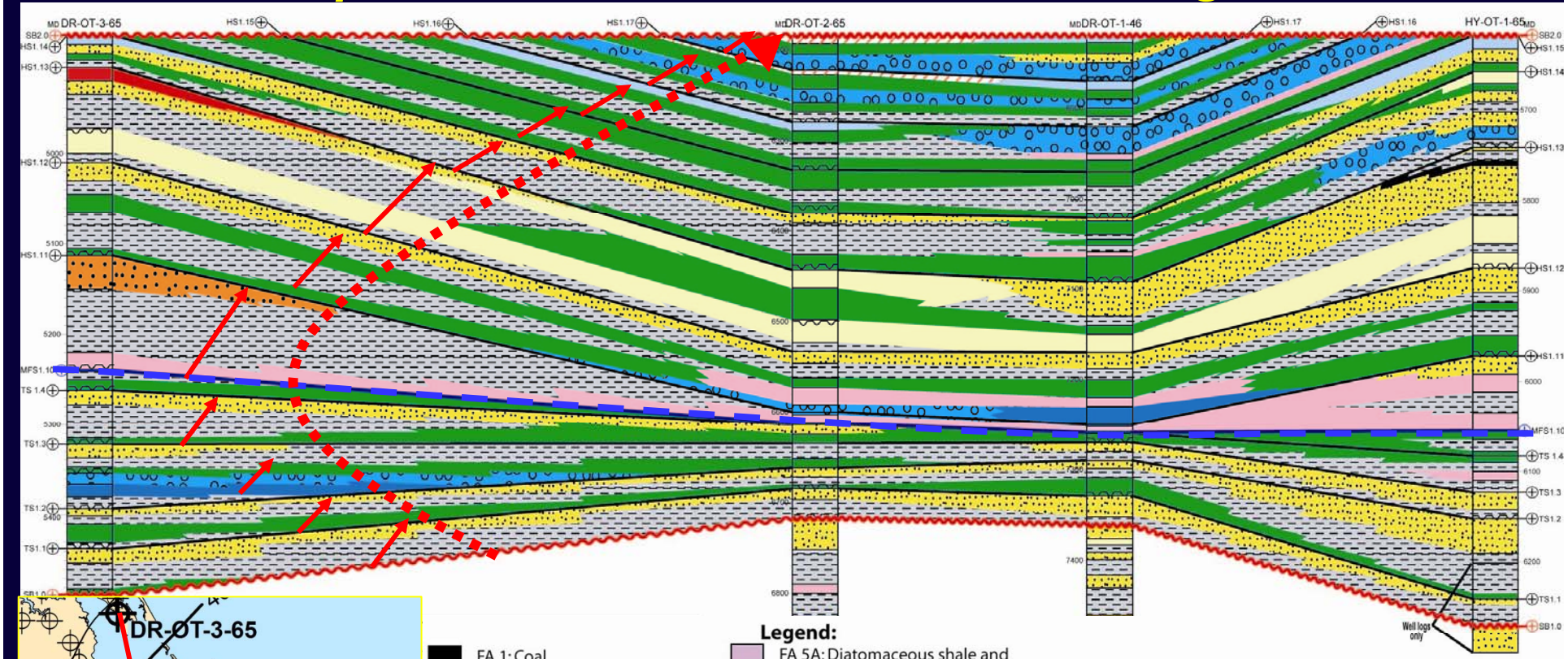
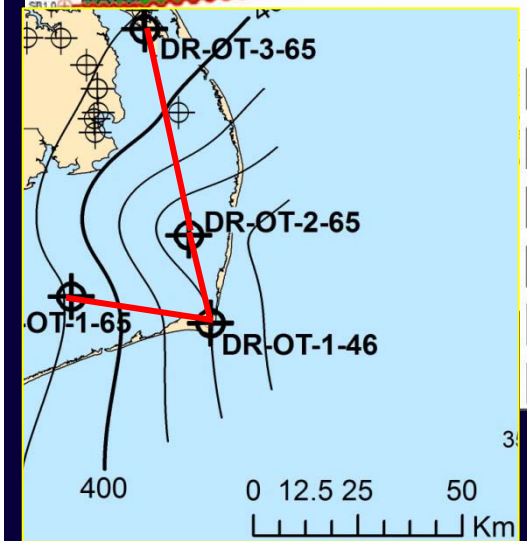
Sequence Stratigraphic Framework

Sequence 1– Carbonate Dominated Highstand

North *South*





Legend:

- FA 1: Coal
- FA 2A: Coarse-grained quartz sandstone
- FA 2A: Fine- to medium-grained quartz sandstone
- FA 2B: Skeletal quartz sandstone
- FA 3: Quartzose sandy molluscan packstone and grainstone
- FA 4: Shale and siltstone
- FA 5A: Diatomaceous shale and planktonic foraminifera siltstone
- FA 5B: Marl, lime mudstone and fine-grained skeletal wackestone
- FA 6A: Evaporites (anhydrite and gypsum)
- FA 6B: Algal laminite
  FA 6C: Miliolid wackestone
- FA 7: Quartz sandy ooid grainstone and packstone
- FA 8: Skeletal peloid packstone
- FA 9: Bryozoan and brachiopod packstone
- FA 10: Hardground surface
- Sequence Boundary
- Maximum Flooding Surface
- Flooding Surface

Datum= Top SB (to preserve basin geometry observed in seismic)