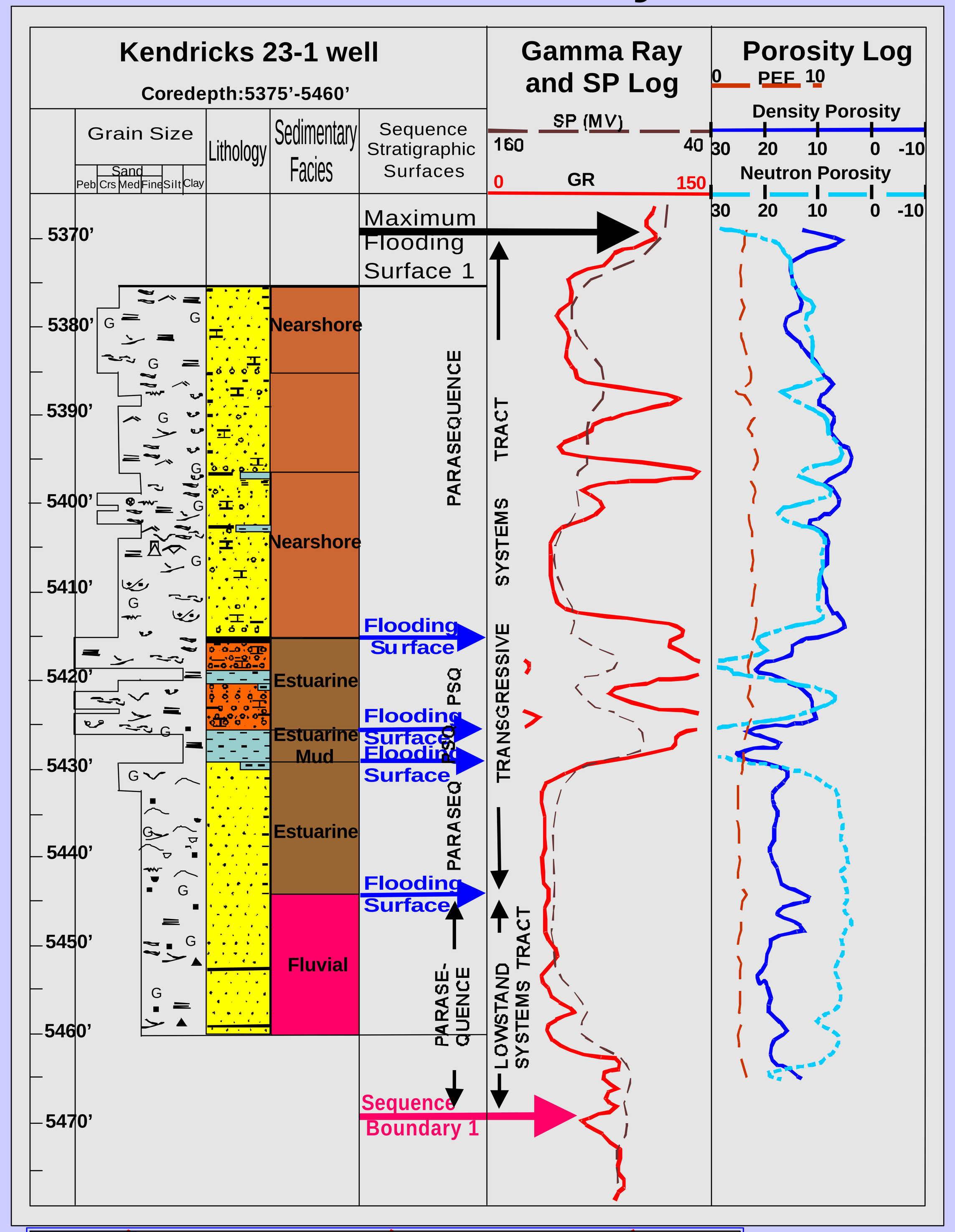
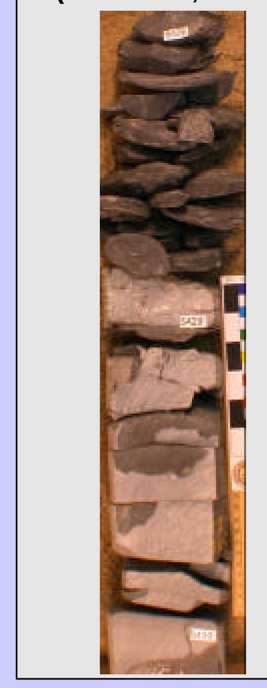
Incised-Valley 1

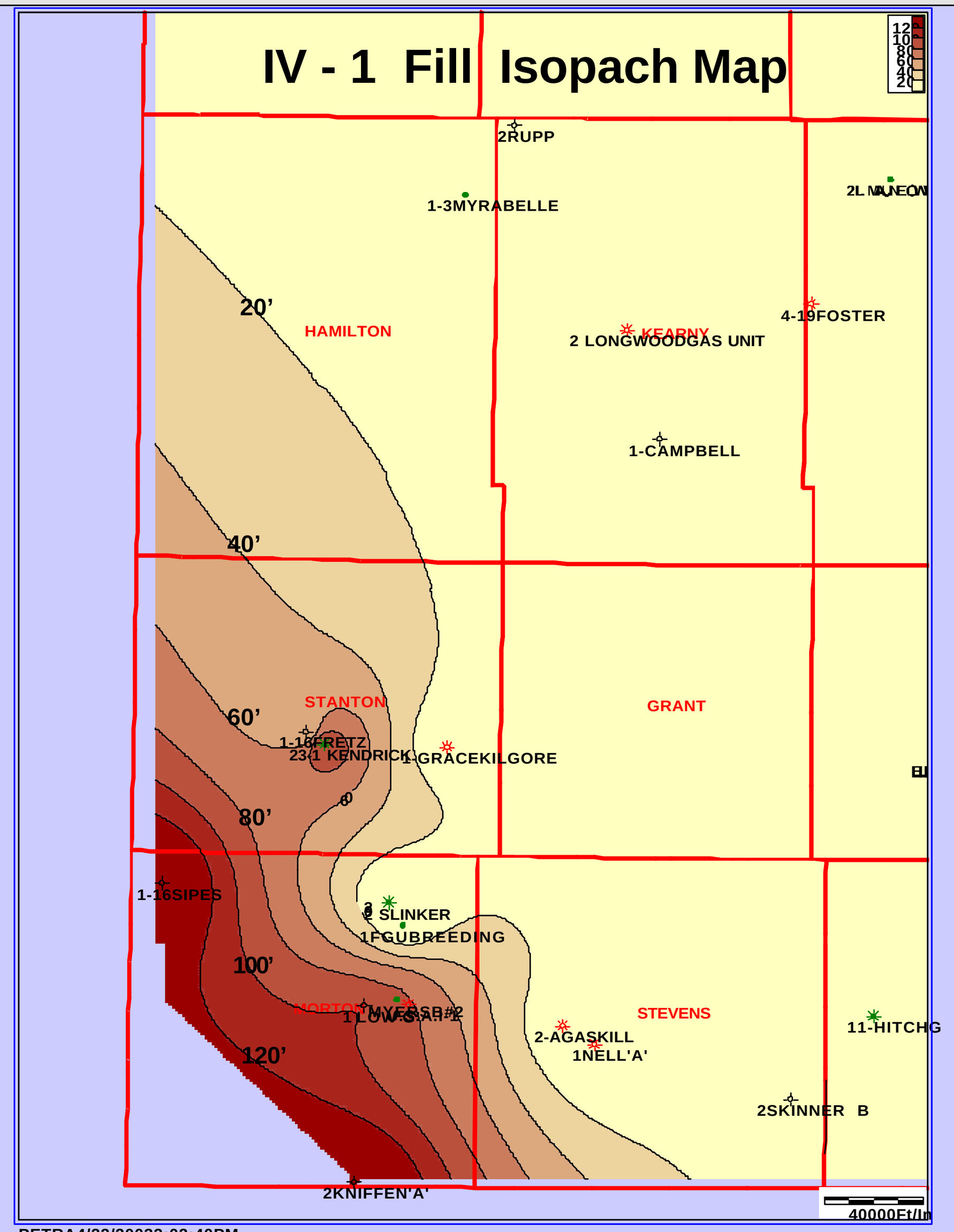


Sequence Stratigraphic Surfaces

Flooding Surface
(Kendricks 23-1, 5415')

Sequence Boundary 1
(Fretz 16-1,5429')





Incised-Valley 1

Location: SW of study area.

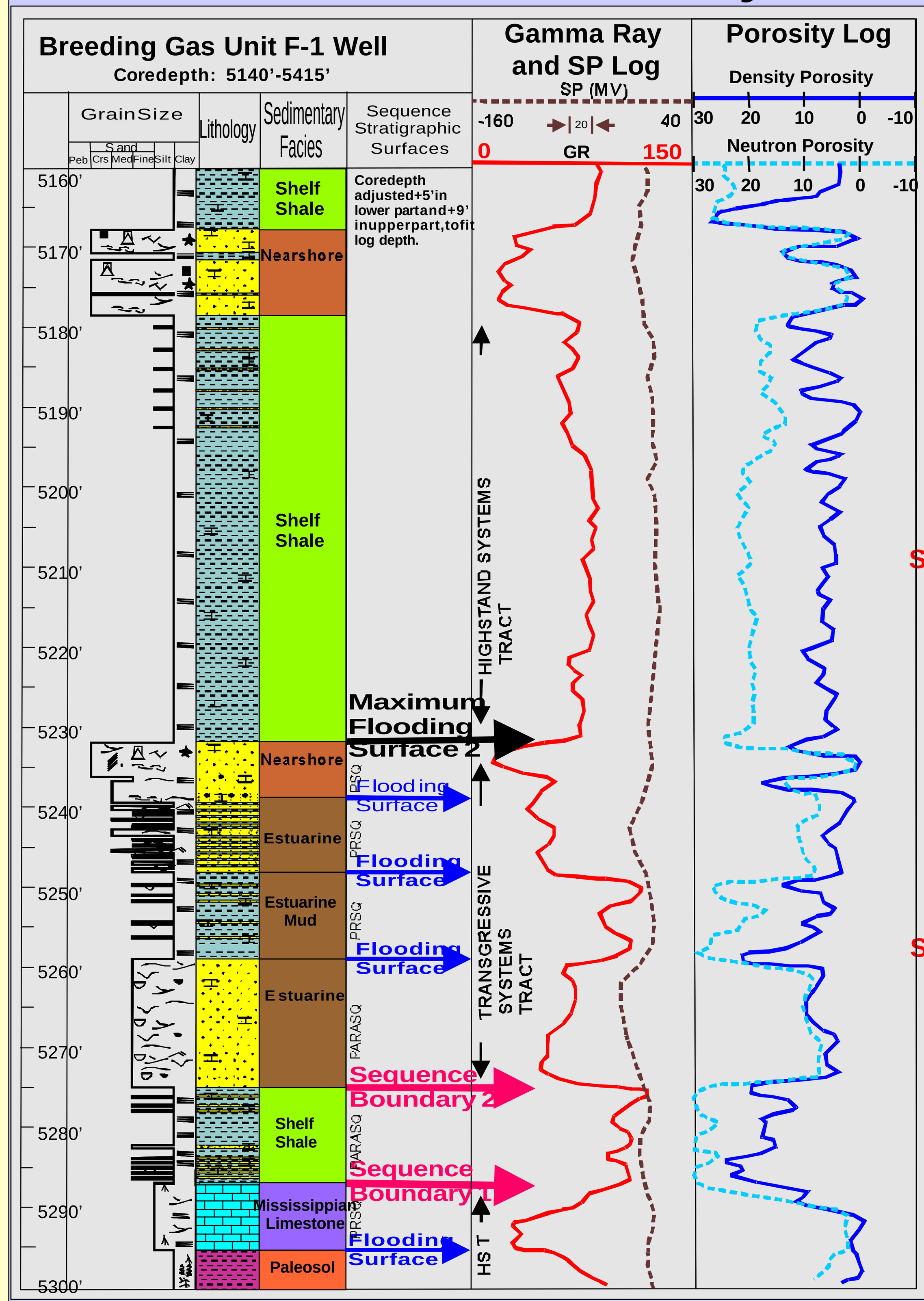
Dimensions: ~ 80 km long x 45 km wide.

Thickness: thickening southwestward, up to 40 meters.

Trend: NW - SE approximately.

Incised-Valley fill: fluvial, estuarine and open marine siliciclastic facies.

Incised-Valley 2

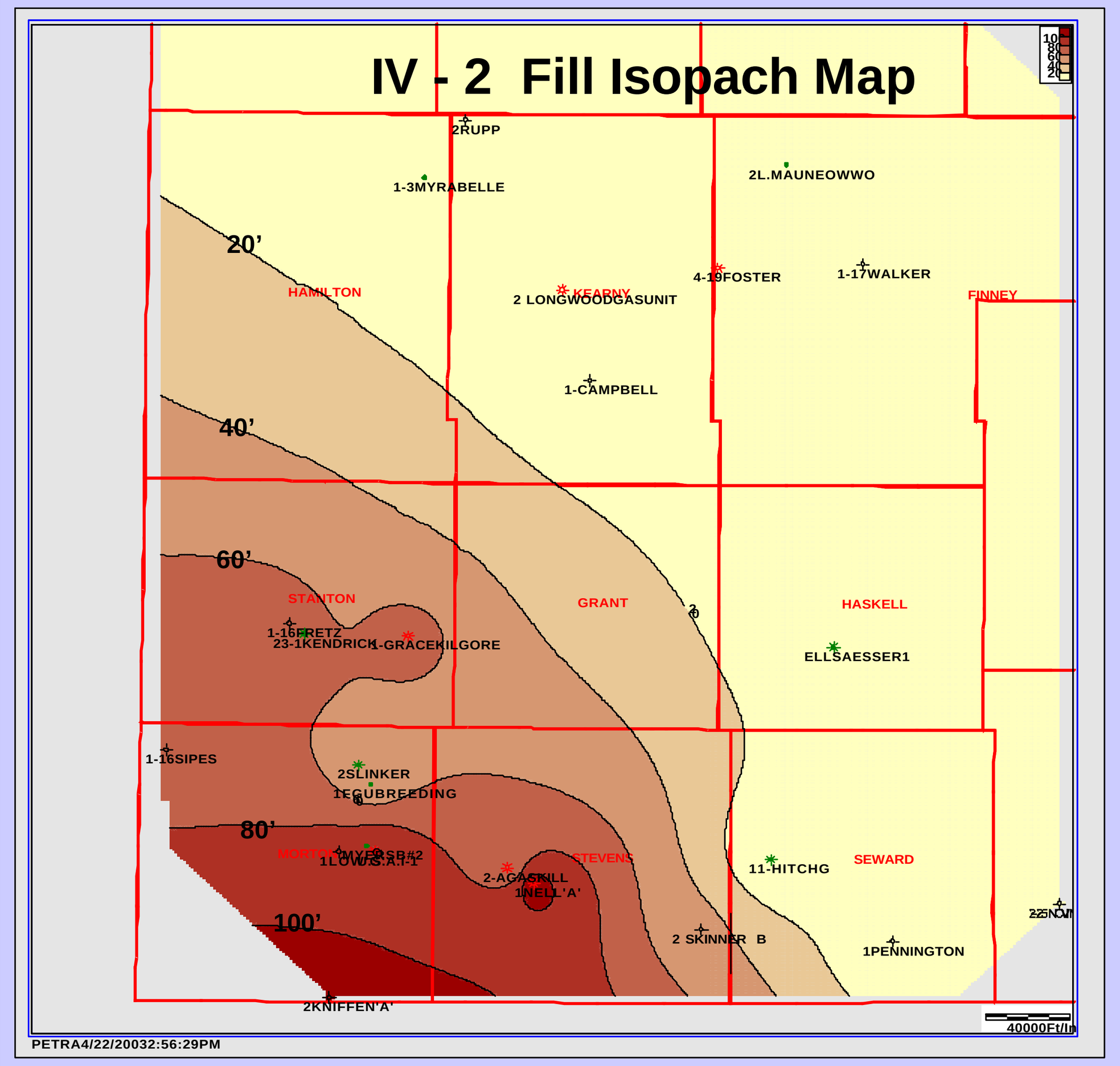


Sequence Stratigraphic Surfaces

Maximum Flooding Surface 2

Sequence Boundary 2

Sequence Boundary 1



Incised-Valley 2

Location: SW of study area.

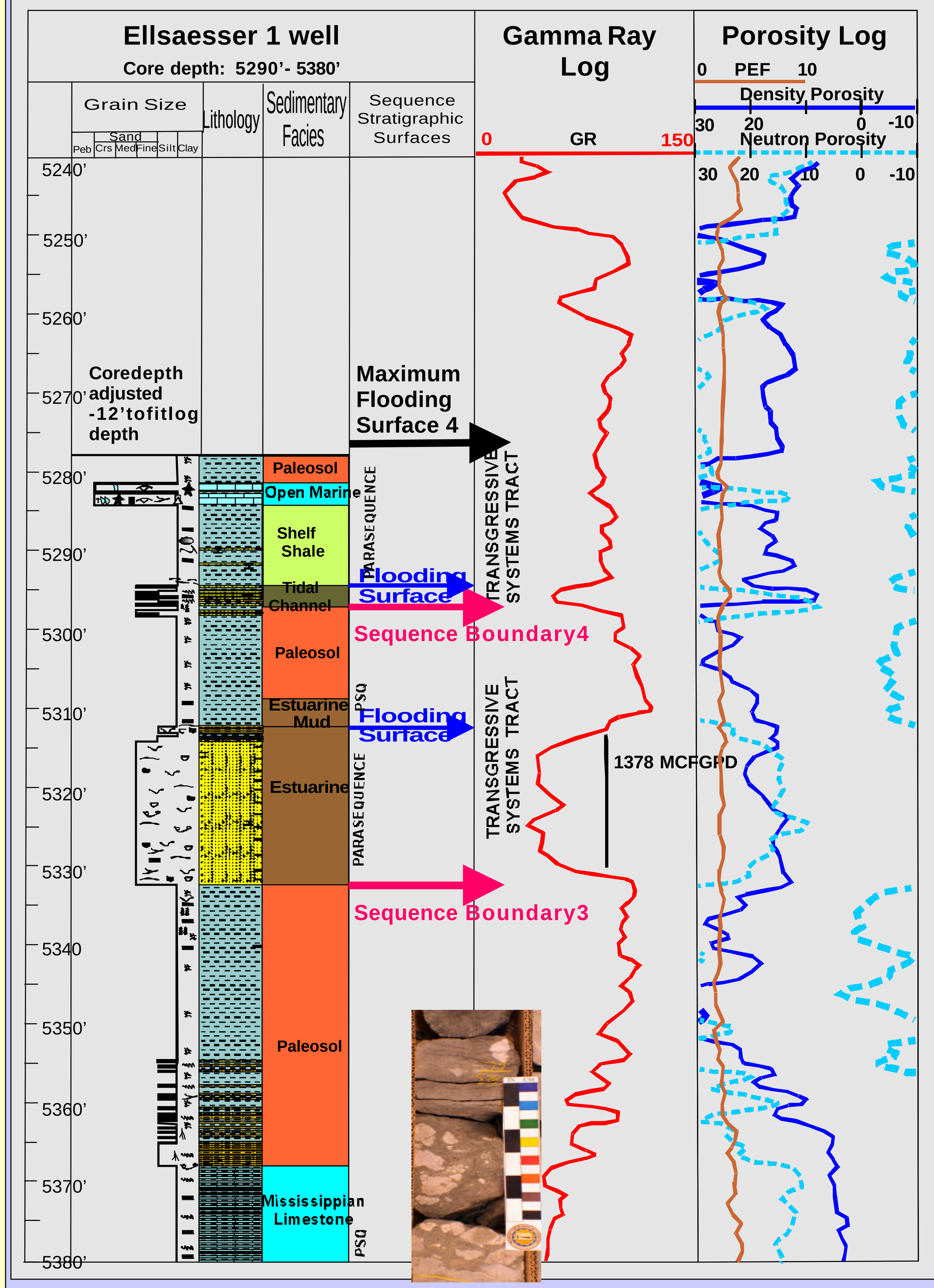
Dimensions: ~ 100 km long x 70 km wide.

Thickness: thickening southwestward, up to 30 meters.

Trend: NW - SE approximately.

Incised-Valley fill: estuarine and open marine siliciclastic facies.

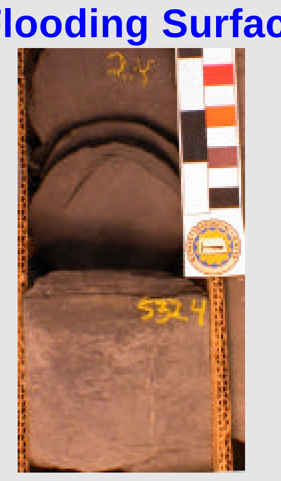
Incised-Valley 3



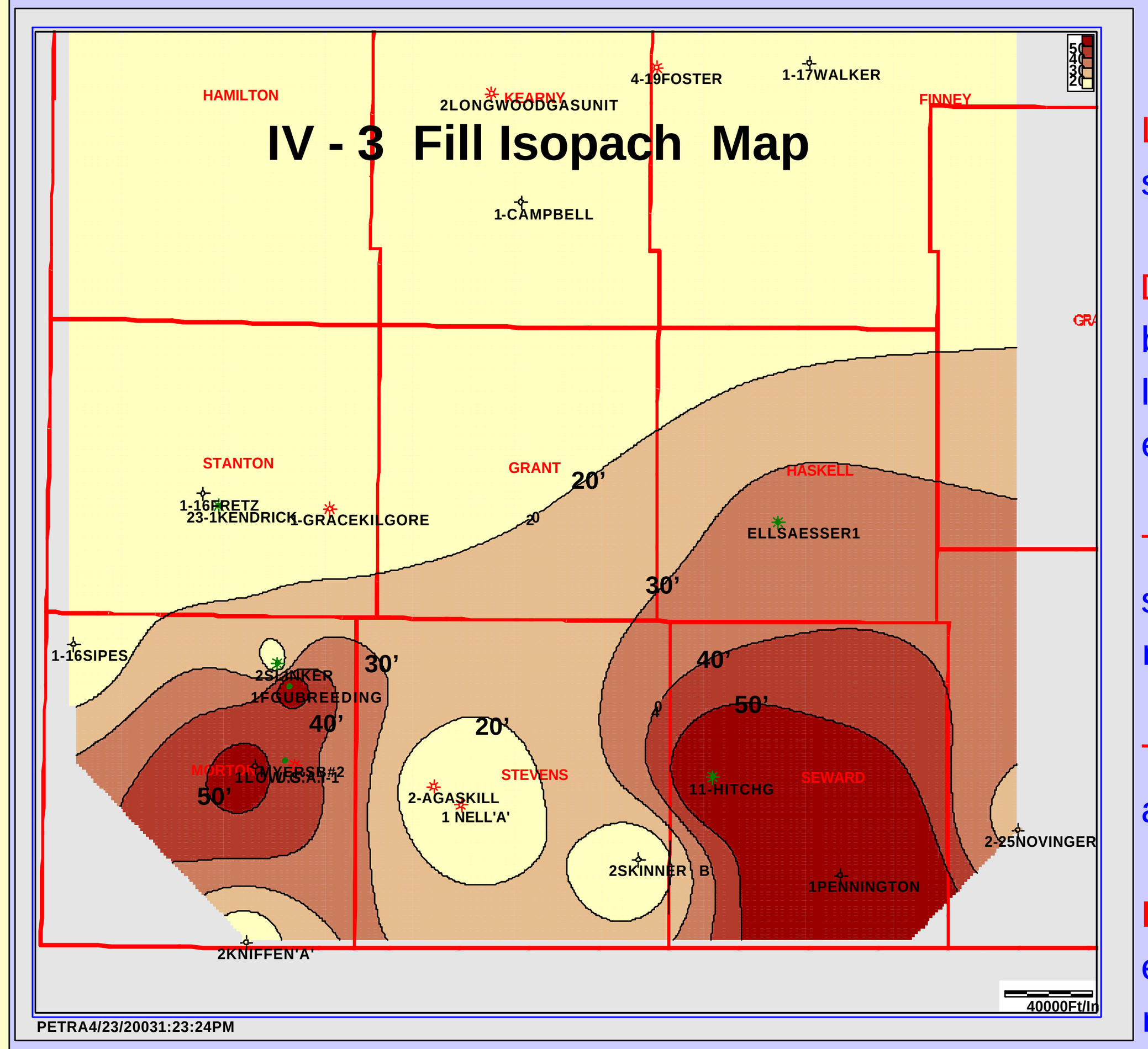
Sequence Stratigraphic Surfaces

Sequence Boundary 4

Flooding Surface



Sequence Boundary 3



Incised-Valley 3

Location: South of study area.

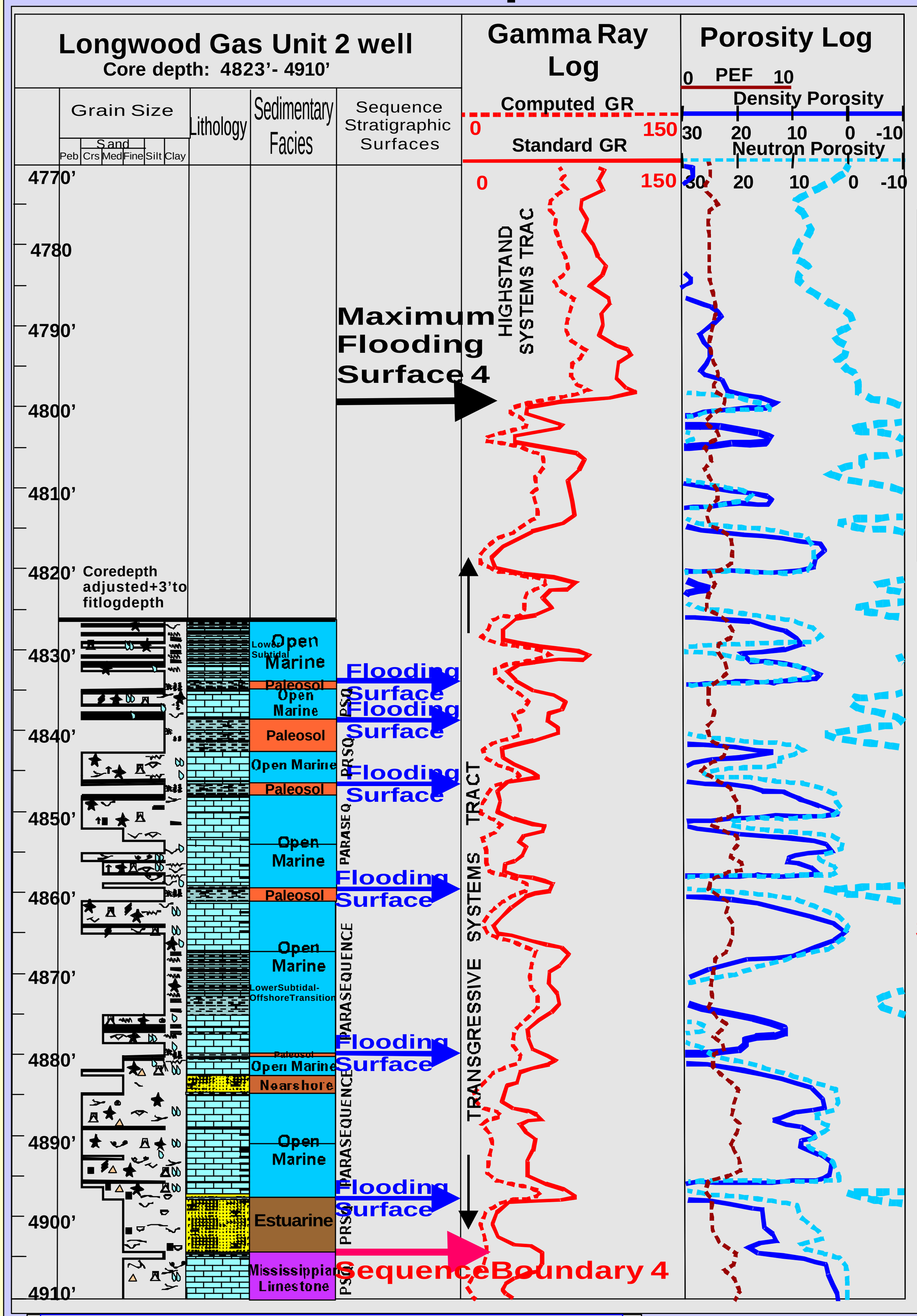
Dimensions: 2 branches, ~ 60 km long to 40 km wide each.

Thickness: thickening southward, up to 20 meters.

Trend: North - South approximately.

Incised-Valley fill: estuarine and open marine siliciclastic facies.

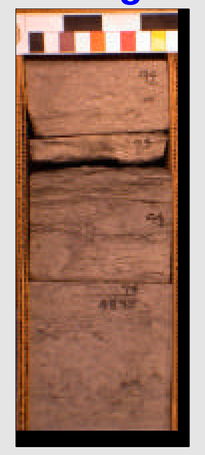
Sequence 4



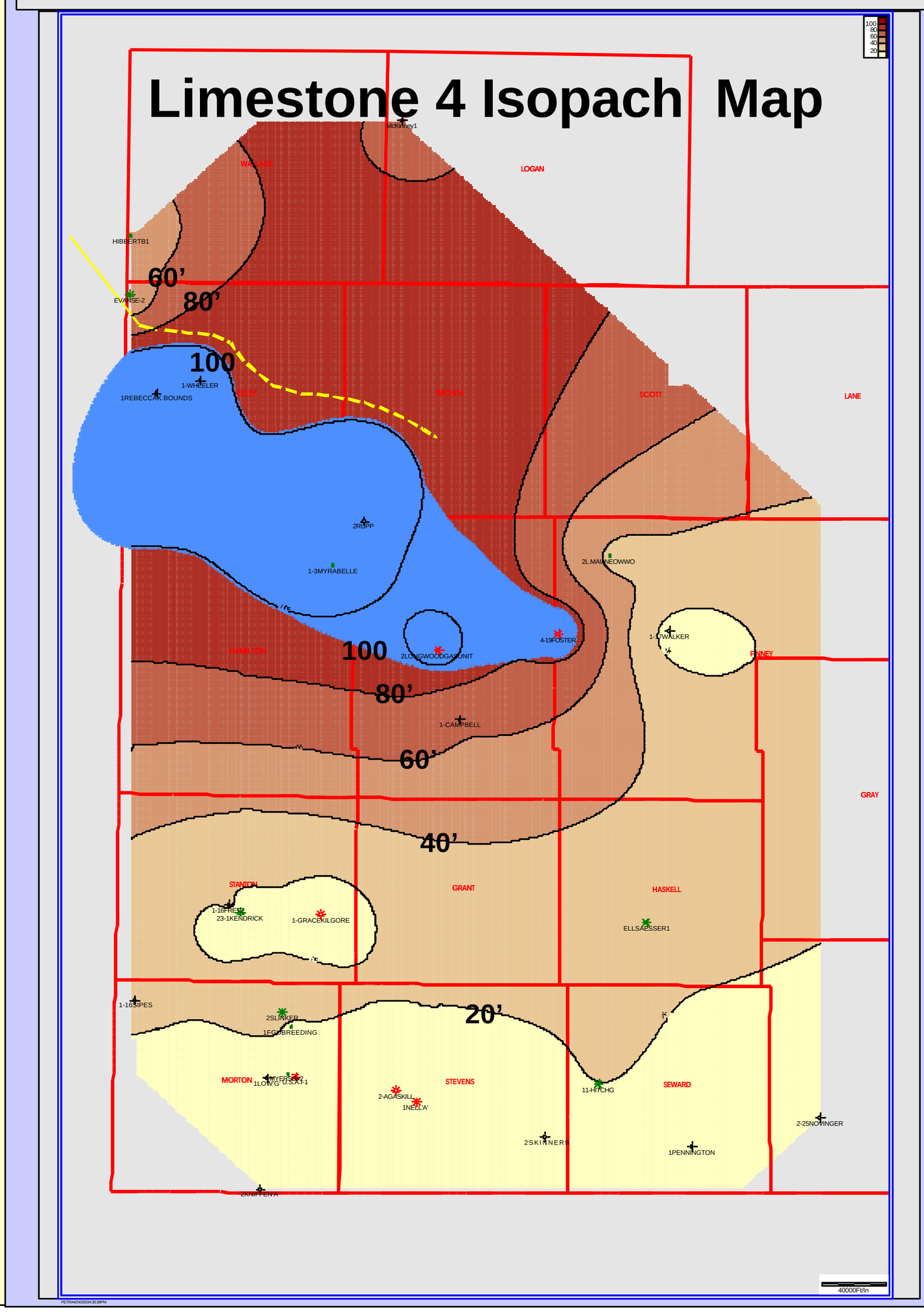
Sequence Stratigraphic Surfaces

Flooding Surfaces

Flooding Surface



Sequence Boundary 4



Limestone 4

Location: North and NW of study area.

Dimensions: ~ 140 km long x 40 km wide.

Thickness: thinning in both directions NW and SE. Maximum thickness is up to 40 meters.

Trend: NW - SE approximately.

Incised-Valley fill: low- energy open marine carbonates and paleosols at paleo-shelf edge. Interbedded silisiclastic facies (estuarine and nearshore) on flanks of carbonate buildup.