

2981A2

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Hershey et al, No. 1 Schaltz
C NE 9-14S-8W

Elevation 1784 feet

Pennsylvanian basal conglomerate 3377 to 3389 feet.

3377-3389 feet Red and various-colored sandy clay, dark red and various-colored chert, some sandy crystalline lime. The lime and chert of this conglomerate appear to have been derived from Hunton and suggest that Hunton, probably a short distance to the west, has been exposed to Pennsylvanian erosion.

Mississippian top 3389 feet

Subsea -1605 feet

Kinderhook or Hannibal shale top 3389 feet

3389-3404 feet Red, green, yellow, and various-colored fissile satiny shale.

Devonian ? Chattanooga top 3404 feet

Subsea -1620 feet

3404-3407 feet Dark red micaceous shale, part with rare imbedded sand grains.

Devonian Hunton top 3407 feet

Subsea -1623 feet

3407-3425 feet Chert, white to slightly stained various-colored.

3425-3439 feet Chert and rare crystalline limestone.

3439-3445 feet Chert and limestone.

3445-3450 feet Dolomite and chert.

Ordovician Top 3450 feet

Subsea -1666 feet

Maquoketa top 3450 feet

Subsea -1666 feet

3450-3460 feet Red, green and various-colored, dolomitic shale and argillaceous dolomite.

3460-3468 feet Total Depth. No samples.

A hole full of water reported from 3461 to 3468 feet suggests that the Viola may have been reached.