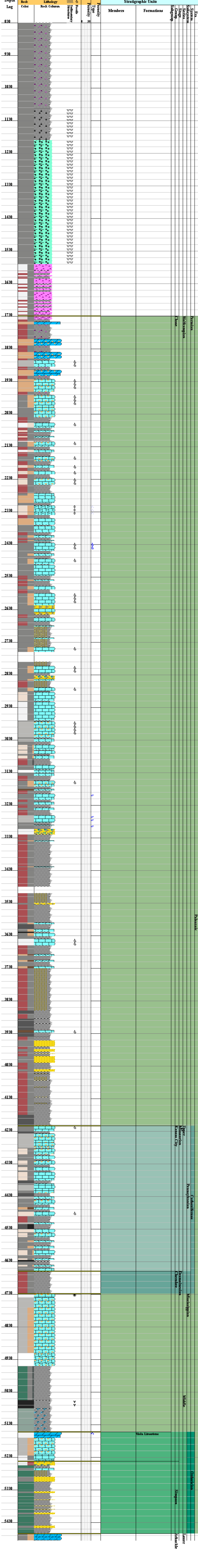




Gudeman 1  
 15-007-00536  
 Lat: 37.0204689  
 Long: -98.3915518  
 Elev: (GL) 1282.0



**Primary Rock Lithology**

- Shale
- Sand, Sandstone
- Limestone
- Dolomite
- Anhydrite
- Salt, Halite, haliferous

**Secondary Rock Lithology**

- Shaly, shale
- Micaceous
- Sandy, sand
- Cherty, chert
- Calcareous
- Dolomitic
- Anhydritic, anhydrite
- Haliferous, salt, halite

**Fossils**

- Fresh Water (circle with horizontal line)
- Brackish Water (circle with diagonal line)
- Marine (circle with vertical line)
- Macrofossils (circle with horizontal line)
- Crinoids (circle with vertical line)
- Larger Foraminifera, or fusulin (circle with horizontal line)
- Pollen and (or) spores (circle with diagonal line)
- Few (circle with horizontal line)
- Many (circle with vertical line)
- Broken (circle with diagonal line)

**Sedimentary Structure Symbols**

**Deformational Structures**

- Load casts (wavy line)

**Porosity Type**

- Interskeletal (circle with horizontal line)
- Inter-crystalline (circle with vertical line)
- Vuggy (circle with diagonal line)
- Pinpoint (circle with horizontal line)

Permian  
 Wolfcampian  
 Chase

Carboniferous  
 Pennsylvanian

Mississippian  
 Chester

Middle  
 Simpson

Lower  
 Arthur

Vicks Limestone