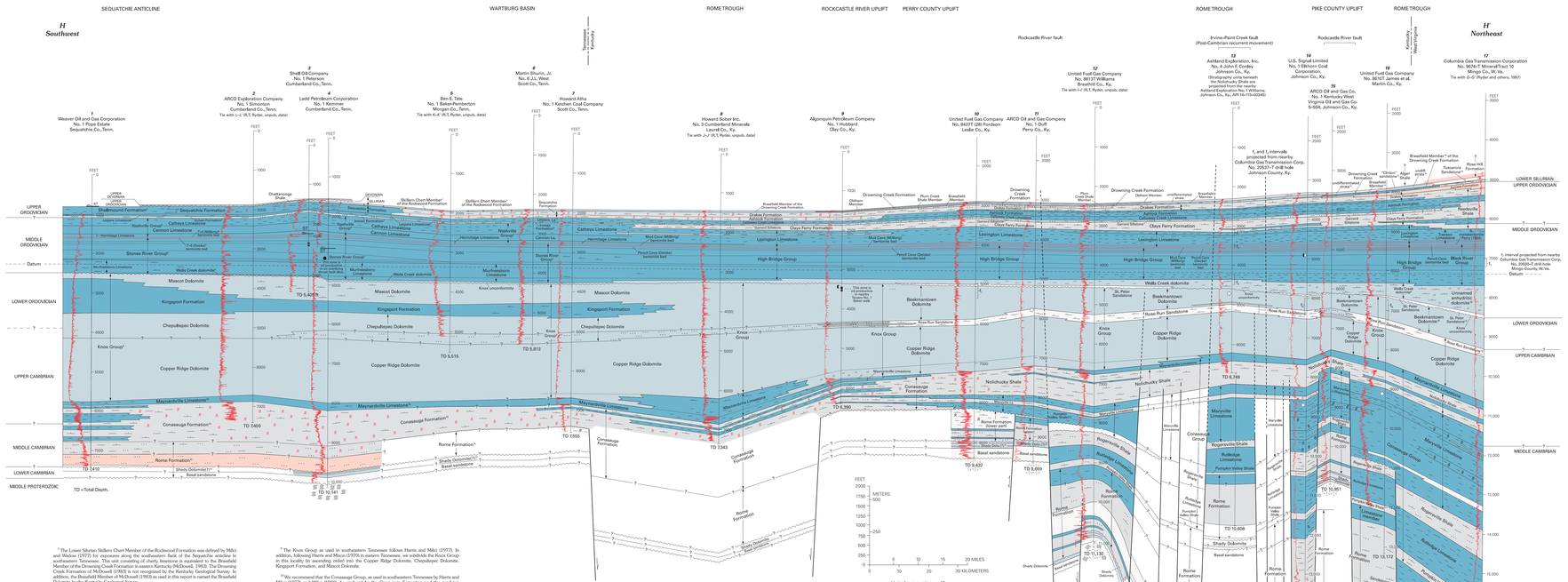
SEQUATCHIE ANTICLINE
WARTBURG BASIN
ROMETROUGH
ROCKCASTLE RIVER UPLIFT
PERRY COUNTY UPLIFT
ROMETROUGH
PIKE COUNTY UPLIFT
ROMETROUGH
H Southwest
H' Northeast
Rockcastle River fault
Tennessee
Kentucky
Kentucky
West Virginia
UPPER ORDOVICIAN
MIDDLE ORDOVICIAN
LOWER ORDOVICIAN
UPPER CAMBRIAN
MIDDLE CAMBRIAN
LOWER CAMBRIAN
MIDDLE PROTEROZOIC
LOWER SILURIAN
UPPER ORDOVICIAN
MIDDLE ORDOVICIAN
LOWER ORDOVICIAN
UPPER CAMBRIAN
MIDDLE CAMBRIAN
LOWER CAMBRIAN
MIDDLE PROTEROZOIC
Datum
TD = Total Depth.
Sequatchie Formation
Sevier Shale
Lenoir Limestone
Nashville Group
Cathey Limestone
Cannon Limestone
Hermitage Limestone
Stones River Group
Wells Creek dolomite
Murfreesboro Limestone
Mascot Dolomite
Kingsport Formation
Chepultepec Dolomite
Knox Group
Copper Ridge Dolomite
Maynardville Limestone
Conasauga Formation
Rome Formation
Shady Dolomite
Basal sandstone
Chattanooga Shale
Sellars Chert Member of the Fernvale Formation
Nashville Group
Lebanon Limestone
Carters Limestone
Lenoir Limestone
Cannon Limestone
Hermitage Limestone
Murfreesboro Limestone
Knox unconformity
Beekmantown Dolomite
Copper Ridge Dolomite
Nolichucky Shale
Maynardville Limestone
Conasauga Formation
Rome Formation
Shady Dolomite
Basal sandstone
Drowning Creek Formation
Plum Creek Shale Member
Brassfield Member
Oldham Member
Drakes Formation
Ashlock Formation
Catheys Creek Limestone
Clays Ferry Formation
Garrard Siltstone
Lexington Limestone
High Bridge Group
Mud Cave (Millbrig) bentonite bed
Pencil Cave (Deicke) bentonite bed
Wells Creek dolomite
St. Peter Sandstone
Rose Run Sandstone
Knox Group
Copper Ridge Dolomite
Nolichucky Shale
Maynardville Limestone
Rogersville Shale
Rutledge Limestone
Pumpkin Valley Shale
Rome Formation
Shady Dolomite
Basal sandstone
Rockwood Formation
Crab Orchard Mountains Member
Bradyville Member
Leipers Limestone
Catheys Limestone
Cannon Limestone
Hermitage Limestone
Stones River Group
Wells Creek dolomite
Murfreesboro Limestone
Mascot Dolomite
Kingsport Fm.
Chepultepec Dolomite
Copper Ridge Dolomite
Maynardville Limestone
Conasauga Formation
Rome Formation
Shady Dolomite
Basal sandstone
Rome Formation
Shady Dolomite
Basal sandstone
Rome Formation
Shady Dolomite
Basal sandstone
Rogersville Shale
Rutledge Limestone
Pumpkin Valley Shale
Rome Formation
Shady Dolomite
Basal sandstone
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Crab Orchard Mountains Member
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Hermitage Limestone
Stones River Group
Wells Creek dolomite
Murfreesboro Limestone
Mascot Dolomite
Kingsport Fm.
Chepultepec Dolomite
Copper Ridge Dolomite
Maynardville Limestone
Conasauga Formation