Subsurface Geophysical Cross Section of Pennsylvanian-Aged Strata (Upper Cherokee Through Shawnee Groups) in Eastern Kansas Extending from Southeast Wilson County, Kansas, to Central Linn County, Kansas

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Datum = top of Hushpuckney Shale Member

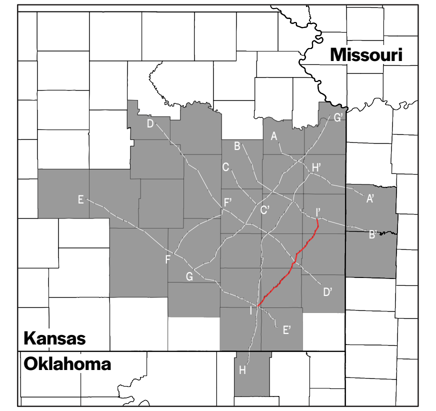
Note: See text for further discussion of the group boundaries.

Abbreviations:

Ls.	Limestone
Mid.	Middle
Sgp.	Subgroup
Sh.	Shale
P. Ref.	Principal Reference
Crk.	Creek
Her.	Hertha Limestone
Hush.	Hushpuckney Shale Member
K.C.	Kansas City
Mid. Crk.	Middle Creek Limestone
Md. C.	Mound City Shale Member
Pl. Grp.	Pleasanton Group
Sni.	Sniabar Limestone Member

CROSS SECTION LEGEND

- Predominantly carbonate interval. Some intervals may include black fissile shales (i.e., highstand shale).
- Intervals in which accommodation is predominantly filled by argillaceous and/or arenaceous shale lithologies. These intervals may include carbonate lenses (e.g., Cherryvale and Chanute Shale formations).
- Coal
- ★ Indicates an intersect with another cross section.
- Group and/or subgroup boundary
- Postulated transform faults (e.g., Fall River Tectonic Zone)
- Argillaceous Shale
- Arenaceous Shale
- Sandstone
- Black Fissile Shale
- Carbonate



Modified for publication. Petrophysical cross section originally released in non-peer reviewed open-file report:

Oborny, S. C., and Hasiuk, F., 2022, Lithostratigraphic correlations of the upper Desmoinesian and Missourian stages (Pennsylvanian) in eastern Kansas: Kansas Geological Survey, Open-File Report 2022-2, 9 p., 10 plates.