

Northwest

C

Subsurface Geophysical Cross Section of Pennsylvanian-Aged Strata (Upper Cherokee Through Middle Shawnee Groups) in Eastern Kansas

Extending from West-Central Osage County, Kansas, to East-Central Coffey County, Kansas

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Datum = top of Hushpuckney Shale Member

Southeast

C'

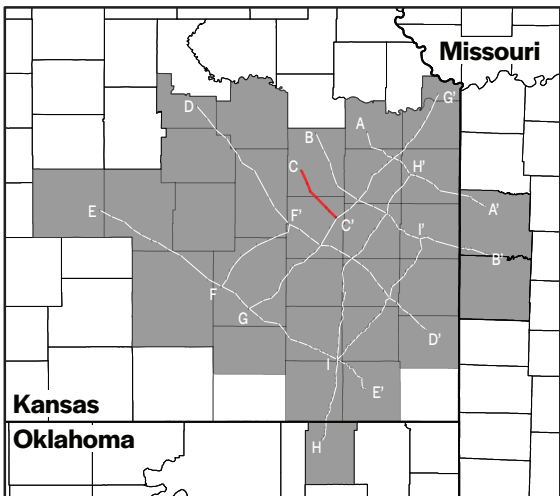
CROSS SECTION LEGEND

- 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

- Argillaceous Shale
- Arenaceous Shale
- Sandstone
- Black Fissile Shale
- Carbonate

Abbreviations: *Crk. sh.* - Creek shale, *D.* - Dewey Limestone, *Elm Br.* - Elm Branch Fm. - Formation, *Her.* - Hertha, *Hickory* - Hickory Creek Shale, *Hold.* - Holdenville, *Hush.* - Hushpuckney Shale, *Isl.* - Island Creek, *Ls.* - Limestone, *Liberty Sh.* - Liberty Memorial Shale, *Merriam Ls.* - Merriam Limestone, *Mid Crk.* - Middle Creek Limestone, *Muncie Sh.* - Muncie Creek Shale, *Sh./sh.* - Shale

Note: See text for further discussion of group boundaries.



Osage County

Coffey County

Cross Section G-G' Intersect
15-031-20304
(no scale on GR or Neutron log)

Nomenclature
(revised herein)

