Northwest

E

Southeast

E′

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

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Edited by: Kyle VP Ratliff/Kansas Water Monitor

Wells have no further discussion of the project boundaries.

McPherson County
15-113-20307

Marion County
15-115-20989
15-115-20983
15-115-21455
15-115-21491
15-115-21355
15-115-21368-0000

Marion County
15-115-21495

Butler County
15-015-22915
15-015-22979

Greenwood County
Cross Section F-F' Intersect
15-073-24453

Greenwood County
15-073-24416
15-073-24429

Cross Section G-G' Intersect
15-073-23789

Greenwood County
15-073-23939
15-073-24070-0000

Elk County
15-049-22910

Wilson County
15-205-27264
15-205-27219

Wilson County
15-205-27074

15-205-27320
15-205-27501
15-205-27452
15-205-27231
15-205-27447

15-205-27742
15-205-27770
15-205-28278

Cross Section H-H' Intersect
15-205-28283

Wilson County
15-205-27816

Labette County
15-099-23702
15-099-23830
15-099-24236
15-099-23678
15-099-24270
15-099-23691
15-099-23852
15-099-23999
15-099-24148
15-099-23734
15-099-23483
15-099-23491

~5.0 miles (~8 km)

0.79 miles apart (1.3 km) separated by faint NE trending stream

Nonesuch/Galore

Shawnee Group

Douglas Group

Lansing Group / Kansas City Group

Pleasanton Group

Marmaton Group

Cherokee Group

Pennsylvanian

Mississippian

Lecompton Limestone

Kanwaka Shale

Oread Limestone

Toronto Limestone

Deer Creek Limestone

Lawrence Shale

Tecumseh Shale

Leavenworth Limestone

Jackson Park Shale

Iatan Limestone

Stanton Limestone

Weston Shale

Plattsburg Limestone

Vilas Shale

Hushpuckney Shale

Swope Limestone

Bethany Falls Limestone

Dennis Limestone

Stark Shale

Hushpuckney Shale

Wyandotte Limestone

Lane Shale

Bonner Springs Shale

Drum Limestone

Kereford Limestone