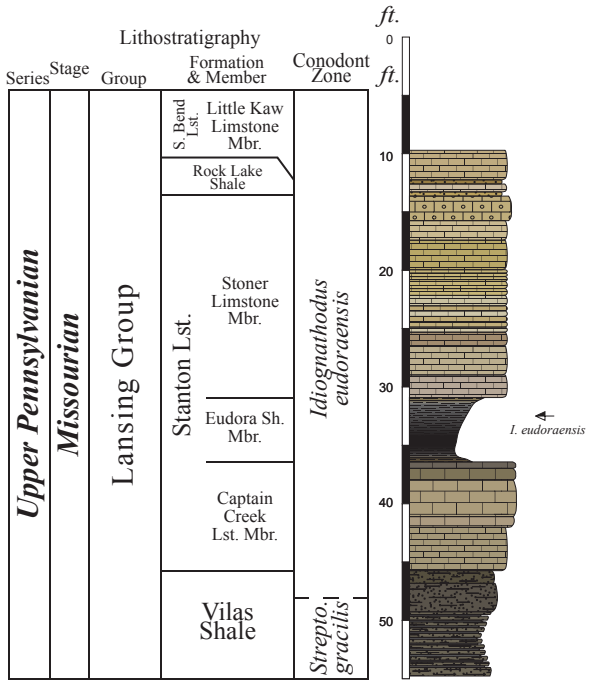
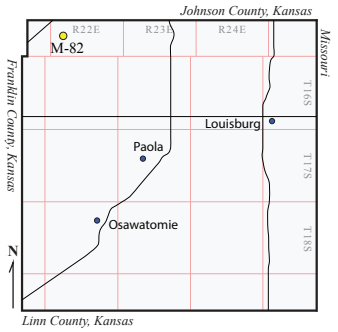
KDOT: M-82 Core, Miami County, NE Kansas

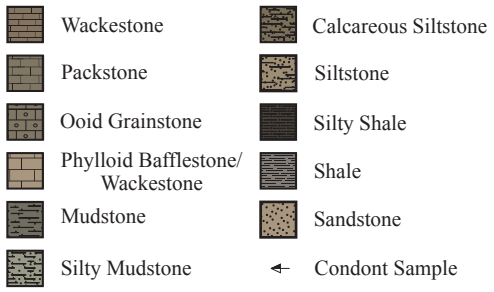


KID: 1035180112
Location: T15S R22E, Sec. 30 SE NE NE
Longitude: -95.00171°
Latitude: 38.72086°
Elevation: 1028 GL
Total Depth: 55 feet
Note: W. side of Sunflower Rd., 0.2 miles S. of 223rd Rd.



Fe-Staining: 9'9 1/2"- 12'4" (9.79-12.33 ft.)

South Bend Limestone (Total Thickness: 2.54 ft.)
Little Kaw Limestone Mbr: (9.79-12.33 ft.)
Wackestone
Rock Lake Shale: (Total Thickness: 1.34 ft.)
Sandstone: fine grain (12.33-12.58 ft.)
Wackestone: (12.58-13.33 ft.)
Sandstone: fine grain; fossiliferous (13.33-13.67 ft.)
Stanton Limestone: (Total Thickness: 33.08 ft.)
Stoner Limestone Mbr.: (13.67-30.92 ft.)
Ooid-Grainstone: (13.67-15.87 ft.)
Wackestone: (15.87-30.92 ft.)
Eudora Shale Mbr.: (30.92-36.42 ft.)
Shale; top 3.5 inches and bottom 4 inches of shale is fossiliferous
Captain Crk Lst. Mbr.: (36.42-46.75 ft.)
Phylloid Bafflestone/Wackestone: (36.42-42.08 ft.)
mottled intraclast facies (36.42-39.5 ft.)
Wackestone: (42.08-46.75 ft.)
Vilas Shale: (Total Thickness: 7.96 ft.)
Calcareous Siltstone (46.75-49.37 ft.)
Interbedded Silt/Shale (49.37-54.42 ft.); silt dominated
Calcareous Siltstone (54.42-54.71 ft.)



Core Logged and Illustrated by: Stephan C. Oborny, University of Iowa