Shale is quarried near Redfield for flagstone and building stone. A few small fields have produced oil from the Mississippian. Production for the surface mines, but some underground mining was conducted. Oil and gas is produced from about

Marathon River that drains the central and southern parts of the county and the Little Osage ranges from 20 to 30 ft (6 to 9 m). Although the Amoret is better developed and the three members of the Alton are recognizable.

The Elm Branch Shale ranges from 5 to 15 ft (1.5 to 5 m) thick. The Fort Scott Limestone consists of two prominent limestone beds that are 15 to 25 ft (4.5 to 7.5 m) thick, a dark gray to yellowish-brown mudrock (about 5 ft [1.5 m] thick), a dark gray to yellowish-brown mudrock (about 5 ft [1.5 m] thick), and a red-brown blocky limestone. The Mine Creek Shale Member, a dark-gray, fossiliferous limestone, is 15 to 25 ft (4.5 to 7.5 m) thick and ranges from 20 to 30 ft (6 to 9 m). Although the Mine Creek Shale Member is better developed and the other two members of the Alton are recognizable. The Checkerboard Limestone is a dark-gray, fossiliferous limestone that is 15 to 25 ft (4.5 to 7.5 m) thick. The Lexington coal bed is a red-brown, blocky limestone that is 15 to 25 ft (4.5 to 7.5 m) thick.