

Plate 5--Insoluble residues from the Jefferson City-Cotter sequence and Gunter sandstone member of the Van Buren formation. A, Assemblage of cherts from the Jefferson City-Cotter sequence showing (a) soft white lusterless tripolitic chert; (b) brown quartzose chert; (c) white vitreous chert; (d) brown and white oolites in chert; and (e) free chert (x10). This sample is from the Texas Co. No. 13-A Bemis well in SE NW NE sec. 28, T. 11 S., R. 17 W., Ellis County, Kansas (a rotary drilled well), from a depth of 3542-57 feet. B, Well-rounded highly polished sand grains sorted into distinct coarse and fine sizes and sand grains in chert characteristic of the Gunter sandstone member of the Van Buren formation (x10). This sample is from the No. 1 Clark well, sec. 13, T. 33 S., R. 21 E., Cherokee County, Kansas, from a depth of 1529-36 feet.



From Keroher, R.P., and Kirby, J.J., 1948, Upper Cambrian and Lower Ordovician Rocks in Kansas: Kansas Geological Survey, Bull. 72, 140 p.