



Plate 6

Photomicrographs of silicified Ogallala from Texas, Colorado, and South Dakota.

Fig. 1—Fine-grained quartzite showing opaline and chalcedonic cement from near Midland, Texas; plane polarized light, X 25.

Fig. 2—Same as 1; crossed nicols, X 25.

Fig. 3—Fine-grained Ogallala quartzite from southwest of Canyon, Texas; plane polarized light, X 25.

Fig. 4—Chert from near Beecher Island, Colorado; plane polarized light, X 25.

Fig. 5—Quartzite from the southeast edge of Dallas, Gregory County, South Dakota; plane polarized light, X 25.

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