time it has had no production. The quarry was opened in the north portion of the cement-rock belt, close to the contact with the overlying Martinsburg shale. In general the CaCO₃ content of the Jacksonburg decreases from the base to the top and almost uniformly the uppermost beds are markedly deficient. As this was true in the quarry of this company, considerable high-grade limestone had to be purchased from other sources. For a time some low-magnesian stone was obtained from the quarry of the Industrial Limestone Co., near Hanoverville, where the Beekmantown limestone contains this type of stone interbedded with high-magnesian stone. At another time some high-lime stone was obtained from a quarry in the Franklin formation, on the west side of Monocacy Creek near Pine Top.

After the Pennsylvania-Dixie Cement Corporation was formed by the consolidation of various plants, an aerial tram line was constructed to bring stone from the quarry of Plant No. 4 (formerly the Dexter). This tram line was later extended to Plant No. 6.

The mill has eight rotary kilns.

Pennsylvania-Dixie Cement Corporation, Plant No. 4.—This was built in 1899 by the Dexter Portland Cement Co. Production began in 1900 and has continued ever since. This company formerly had two quarries, a small one southeast of the mill in the cement-limestone belt and a larger one to the north in the cement-rock band. For some years the entire supply of stone for Plants No. 4 and No. 6 as well as No. 5 when it was being operated, has come from the main quarry. The quarry was advanced northward and stone lower in CaCO₃ obtained. At the present time (July 1938) an extensive stripping operation is uncovering a considerable area of stone in the cement-limestone belt south and southwest of the present quarry. The overburden is heavy and the clay pockets are numerous and deep. The stone in this area should materially increase the CaCO₃ content of the quarried rock.

At this plant a high-iron cement is being made by the use of a highly ferruginous clay obtained from the mud-dam deposit of the old Henry Goetz limonite mine about 1½ miles southwest of Hanoverville.

The present mill is equipped with eight rotary kilns.

Lone Star Cement Corporation.—The plant of the Lone Star Cement Corporation is on the southwest edge of Nazareth. It was built and operated by the Phoenix Portland Cement Co. from 1900 until its acquisition by the present company a few years ago. The original quarry was northwest of the mill in the cement-rock belt but the present quarry east of the buildings exposes the cement-limestone in the