

in their turn, give support to the town. In 1883 the mines directly tributary to Dillon produced \$50,000; in 1884, \$100,000; and for the present year the yield is estimated as follows:

Argente, fourteen miles from Dillon.....	\$100,000
Blue Wing, eighteen miles from Dillon.....	50,000
Held Mountain, forty miles from Dillon.....	40,000
Burnack, thirty miles from Dillon.....	30,000
Elk Horn, fifty miles from Dillon.....	10,000
Total.....	\$230,000

This does not include the immense mining operations of the Hecla Consolidated Mining Company at Glendale, thirty-six miles distant, which are described in another paragraph. Though this company's operations have built up a separate commercial point at Glendale, they nevertheless add considerably to the prosperity of Dillon. Other minerals than the precious metals are found in paying quantities in the region tributary to the town. On Birch Creek, only fifteen miles northwest, are found large quantities of magnetic iron ore of a fine quality. The smelter at Glendale uses one car-load of this ore daily for flux, and two car-loads per day are shipped to the large smelters at Ketchum, Idaho, also considerable quantities to Omaha. Another resource is coal, a fine quality of which is found on Horse Prairie. It has been used for fuel in Dillon and given good satisfaction. As yet no coal mine has been developed. Limestone is another item of natural wealth which is found in many parts of the county in great quantity. One kiln is in operation and supplies all the lime needed for home consumption.

Beaverhead County has doubled its taxable property in two years. Its assessment list now exceeds \$4,000,000, nearly one-half of which is levied within a radius of twenty miles of Dillon. This wealth is by no means confined to the mining industry, for the stock interests are very considerable. There are in the county 75,000 sheep, 20,000 horses and 150,000 cattle. Beaverhead Valley, Big Hole River Valley, the largest in the county, and other strips of valley land offer splendid opportunities for stock raising, the adjacent hills supplying an almost limitless range for grazing. Considerable agriculture is carried on in the valleys, chiefly confined to hay, oats and other products required for consumption in the home markets. The present year 10,000,000 pounds of oats were raised and will find ready market in Butte and other mining camps, where much beef and mutton are also sent. The winter climate is very favorable for the stock industry, as well as rendering this region agreeable as a place of residence. Mr. B. F. White, Cashier of the First National Bank and Secretary and Treasurer of the Sebree, Ferris & White Company, who has resided here for five years, and is therefore the "oldest inhabitant," states that he has never seen three successive days of sleighing in that time, so brief a stay does the snow make when it falls. Cattle are thus never deprived of food on the ranges, nor do they suffer from long and severe wind storms, or "blizzards," which sweep over the open plains east of the Rocky Mountains.

Consideration of the facts which have been briefly stated leads directly to the conclusion that Dillon must

increase rapidly in wealth, business and population, a conclusion which the history of many Western cities similarly situated amply confirms. Mining, agriculture and grazing will increase steadily year by year, adding constantly to the growth of their commercial centre. So great will be the change that the street scene presented on another page will be unrecognizable in a few years. Brick blocks will stand where cheap wooden structures are now seen, and two and three story buildings will crowd these pioneers from their places. This work of improvement is constantly going on, and ere long will work a complete transformation.

The next town of importance in Beaverhead County is Glendale. Here are located the works of the Hecla Consolidated Mining Company, the largest mining enterprise in the county, furnishing employment to 350 men. The head office of the company is at Indianapolis, Ind. The officers are John Thomas, President; John C. McCutcheon, Secretary, and John C. Wright, Treasurer. At Glendale H. Kuippenberg is the General Manager of all the works, and George B. Conway is Cashier. The nearest railroad and telegraph station is Melrose, on the Utah & Northern, five miles east. At Glendale is the smelter; at Greenwood, seven miles further west, is the concentrator, and the mine is at Hecla, ten miles west of Glendale. With these the manager's office is connected by telephone, while a private telegraph line runs to Melrose. The iron mines are ten miles northeast of Melrose. The mines at Hecla were located in 1876, and were purchased by this company the following year. Since 1881 they have been under the successful management of Mr. Knippenberg. In 1884 the output was \$850,000, and \$195,000 in dividends were paid to stockholders. The first eight months of the present year the yield has been \$600,000 and the dividends \$135,000, indicating a total product for 1885 of \$1,000,000. The ore is hauled from the mine to the concentrator at Greenwood, a distance of three miles, along a covered tramway. The concentrator was erected in 1882 at an expense of \$75,000. The smelting works at Glendale cost \$100,000. Bullion is hauled from the smelter to Melrose by ten-mule teams, a dozen of these sometimes leaving in one day. It is then shipped by the U. & N. and U. P. roads to the Omaha and Grant Smelting and Refining Company at Omaha. The concentrator and smelter have each a capacity of 150 tons of ore per day.

The town of Glendale has about 600 inhabitants. It is built in a narrow gulch, at the head of which the smelter is located, and the only street accommodates itself to the windings of the gulch. The site is not one that would naturally be chosen for a town, but was selected because it was the most eligible in the immediate vicinity of the works. Nevertheless there are a number of very substantial brick buildings, and several stores carrying good stocks of merchandise. The bank of N. Armstrong & Co. reports good business. As long as the mines and smelters are kept running, and that will probably be for many years to come, Glendale will continue to be a good business point.