

Phoenix and Venus Mines (N. Collins), Murray Creek. The output derived from these mines was won from the extraction of a few blocks of coal left in the old workings. At the end of the year fire from the old workings gave trouble and the mine was sealed off. Preparations were made to drive another dip from the outcrop.

Defiance Mine (worked by O'Brien and Party), Murray Creek.—Six men were employed opening up and developing a block of coal near the prospecting-drive put in by the old Calliope Coal Co. some years ago. The seam was 8 ft. in thickness, but has pinched to 2 ft. in an easterly direction. Development-work is almost completed.

Lankey's Creek Coal-mining Syndicate, Crashington.—A drive was put in by the syndicate for the purpose of reaching a block of pillars left in the old workings. This drive proved successful, and the output for the year was won by pillar-extraction. The mine was fully exhausted towards the end of the year and was closed down.

Clele Mine (Alborn and Party), Merrijigs.—Almost the whole of the year's output was won from development-work and pillar-extraction in No. 1 mine. All development-work was completed, and the future output will be won from pillar-extraction. Towards the end of the year a new section (No. 2 mine), situated 20 chains to the north-east of No. 1 mine, was opened up. Two levels, together with cut-throughs, are being driven in a 5 ft. seam of good-quality coal.

White Rose Mine (W. Osborn's Lease), Merrijigs.—A very small quantity of coal was won from pillar-extraction during the year.

BULLER DISTRICT.

Mitchell's Mine, Charleston.—Coal-winning from the opencast workings was continued during the year.

Price's Freehold, Brighton.—No work was done during the year.

Brighton Coal-mines, Ltd., Brighton.—Work at this mine during the year was intermittent, a small amount of coal being mined from solid places for roadside trade. The erection of the flume was completed and the suspension bridge to carry the flume from the mainland to Seal Island was erected. This mine will be ready for output on completion of loading facilities on the island.

Rocklands Mine (J. P. Burley), Buller Gorge.—This mine worked intermittently, and 230 tons of coal were produced from the pillars to the rise and adjacent to the outcrop.

Glencrag Mine (Forsyth and Party), Buller Gorge.—The main level was developed to a distance of 10 chains from the mine-entrance. A little prospecting was done and the coal located across the fault to the west of the main level.

Coal Creek Mine (McGuire and Party), Seddonville.—Most of the year's output from this mine was from the cleaning-up and retimbering of the old roads.

Glasgow Mine (Steele and Party), Seddonville.—The output from this mine for the year was only 28 tons, the mine being closed during the major portion of the year. Operations again ceased near the end of the year.

Cardiff Coal Co., Ltd., Mokihinui.—The main heading, driven from the foot of the dip stone-drive, has been carried to a distance of 8 chains in a south-westerly direction. A downthrow fault cut off all development-work to the north-west after driving about 3 chains from the main heading.

Chester's Mine, Seddonville.—All the coal having been won from this mine, it was closed down during September. This party is now prospecting an area in the Buller Gorge.

Hydro Coal-mines, Ltd., Seddonville.—The area being worked by this company is part of the old Seddonville State Mine. A flume was constructed to carry the coal from the working-places to the main bins. For a distance of 60 chains from the main bins the flume grade is 1 in 37. From that point to the mine-entrance, a distance of 25 chains, there are varying grades from 1 in 4 to 1 in 12. On the very steep grades rubber lining is used on the flume to prevent breakage of the coal. The water-supply to be used for the fluming of the coal is obtained from Chasm Creek and supplied by a 9-in.-diameter pipe. The coal was produced during the year from an area on the west side of the main drive. At the bins a small D.C. plant 100 v. 100 amps., driven by a Pelton wheel, was installed. Power is to be used to drive a circular screen.

Charming Creek - Westport Coal Co., Ltd., Ngakawau.—During the earlier part of the year the workings in the dip section to the north of the main drive encountered a fault, and a stone-drive was started in an easterly direction for the purpose of locating the coal in the region of No. 8 borehole. On account of the inability of the pumping-plant to cope with the increasing quantity of water it was found necessary to suspend operations in this area and concentrate in the main headings and panels to the south. The main headings were advanced a further 6 chains, penetrating a downthrow fault with a throw of 18 ft. Three places crossed the fault and are now in an area of fairly hard but short-grained coal, which shows every indication of improvement. Two panel-headings were started for the purpose of developing the area to the south of the main headings on the outbye side of the fault. A new Ruston and Hornsby 42 h.p. Diesel locomotive was installed on the section of the tramway between the bins and Watson's sawmill. Three of the bridges on this section of the tramway were strengthened and all metal parts of the suspension bridge treated with anti-corrosive solution.

Westportmain Mine (Westport-Gravity Coal Mines, Ltd.), Gravity.—No coal was produced from this mine during the year.

Westport-Cascade Mine, Cascade Creek.—In Durkin's section all the coal was won by pillar-extraction. In Moynihan's section three parallel levels are being driven in a north-easterly direction. The levels and cut-throughs are driven 9 ft. wide and 8 ft. high. All previous work in this direction was cut off by a fault which, having now run out, has allowed the development-work referred to. Some prospecting has been done during the year and outcrops located. One area lies to the south-west of Moynihan's Section and the other to the south-east.

Westport Coal Co., Ltd., Denniston Mines.—Ironbridge Mine: The major portion of the output was won from pillar-extraction in the old mine. Two to three pairs of men were employed in No. 2 section extracting pillars, and three to four pairs were engaged in No. 4 section cleaning up roads and extracting pillars. No work was done in Garing's Dip or Deep Creek section. A small isolated area of about 2½ acres was started near Deep Creek Bridge and adjacent to the fan, and three pairs of men were engaged opening it out.

Coalbrookdale Mine: A pair of headings are being driven in Old Waterloo section towards the new lease. Progress was slow for some time, but better results are now being obtained. In Wiseman's Dip section a dip heading was driven for a distance of 3 chains in coal about 7 ft. thick, and three pairs of miners were engaged developing. Most of the solid work was completed and a start was made with the extraction of the pillars. In Waterloo and Step sections nine pairs of men were engaged in solid workings of hard coal, and both sections were nearing completion at the end of the year. In Old Waterloo section, two pairs of men were driving roads preparatory to taking out the pillars in one of the panels. A coal-cutting machine was installed and is working satisfactorily.

Pillar Work in Openshaw's Section: Three pairs of men were engaged extracting pillars.

Whareatea Extended Section: Nine pairs of men were engaged on pillar work.

Cascade Section: Six to seven pairs of men were employed on pillar-extraction. An attempt is being made to win some of the pillars in the old Glasgow section, and so far over 3,000 tons have been recovered. During the year a number of hard hats were distributed among the miners, and their use appears to be on the increase.