

1942.
NEW ZEALAND.

STATE COAL-MINES

(REPORT ON THE WORKING OF) FOR THE YEAR ENDED 31st MARCH, 1942.

Prepared in accordance with the requirements of Section 184 of the Coal-mines Act, 1925.

REPORT ON SOUTH ISLAND STATE COAL-MINES.

The SUPERINTENDENT, State Coal-mines, Greymouth, to the UNDER-SECRETARY, Mines Department,
Wellington.

SIR,—

25th June, 1942.

I have the honour to submit my annual report on the workings of the State coal-mines for the year ended 31st March, 1942.

LIVERPOOL COLLIERY.

Coal-winning.—The gross output for the year was 163,798 tons 15 cwt., a decrease of 2,729 tons 19 cwt. when compared with the figures for the previous year. After making allowances for stocks on hand, and deducting mine consumption and waste, there remained for disposal 159,935 tons 9 cwt. 2 qrs., which is accounted for as follows:—

	Tons	cwt.	qr.
Shipped	62,418	9	0
Railed Canterbury	40,187	3	1
Local sales	52,807	15	2
Mine sales	94	0	0
Sales to workmen, and free issues	1,745	12	1
Stock in bin and yard	2,290	18	0
Stock on wharf	391	11	2
	159,935	9	2
Used on works	5,480	0	0
Waste	1,148	15	0
	166,564	4	2

The gross output from the colliery since its inception amounts to 3,624,045 tons 14 cwt.

During the year the colliery worked 223 days, a decrease of 10 days when compared with the previous year, when 5 back Saturdays were worked. The possible working-days, excluding Saturdays, were 261. The difference between the days worked and the possible working-days is accounted for as follows: 1 day, Good Friday; 1 day, Easter Monday; 1 day Anzac Day; 1 day, May day; 2 days, dispute *re* wet-time train; 1 day, dispute *re* lamps; 1 day, Labour Day; 3 days, heavy rain; 6 days, heating in mine; 1 day, dispute *re* men going on coal; 8 days, no trucks; 5 days, slips on rail; 7 days, Christmas holidays.

Employees.—In connection with coal-winning, the average number of persons employed in and about the mine was 297 men and 14 boys, made up as follows—Underground: Hewers, 87; deputies, shiftmen, and truckers, 160; boys, 2. Surface: 50 men and 12 boys.

Expenditure.—The total expenditure in connection with coal-winning for wages, stores, mine timber, and compensation, together with subsidies on railway tickets and cost of fuel used on works, amounted to £138,426, as compared with £138,295 for the previous year.

Coal-hewers' Average Daily Earnings.—The coal-hewers' average daily earnings (gross) were £2 7s. 10d. per day, and after deducting stores (explosives) their net return was £2 4s., an increase of 2s. 9d. per day when compared with the previous year.

Daily Output.—The average daily output was 734 tons 10 cwt. and the coal-hewers' average daily output was 9 tons 4 cwt., as compared with 714 tons 14 cwt. and 8 tons 19 cwt. respectively for the previous year.

Deficiencies.—The total amount paid under the minimum-wage clause was £6 16s.

Accidents.—The following serious accidents occurred in the Liverpool Colliery :—

A trucker received a fracture of both bones in the right leg, through being struck by a runaway truck.

A trucker received injuries to his head and pelvis, through being struck by a truck whilst jiggling.

Mine Workings, Morgan Seam.—The major portion of the output from the Morgan seam was won from extraction of pillars in the Nos. 1, 2, 3, and 4 banks, Morgan West, and the Nos. 2 and 4 banks, Morgan East. Development in the Morgan West cut has been carried on to approximately 2 chains from the fault, where the coal got dirty and was steeply inclined, the top places having a grade of 1 in 1. Preparations are now in hand for pillar-extraction in this section. The Morgan East dip has been extended to a distance of 18 chains, and developing levels are being driven east and west of the main dip heading. Arrangements are in hand for the installation of a new haulage winch, as the present winch will not handle any increase in output. Arrangements have been made to use coal-cutting machines in this section, which should give an increased output per working-face.

Fire Stoppings.—These have all been kept in good order.

Kimbell and Anderson Seams.—Anderson Dip Section : Development has been carried on in this section, but has been somewhat retarded owing to the high inclination of the seam (approximately 65 degrees), the soft nature of the coal, and the giving-off of an abnormal quantity of gas.

Kimbell East : All the coal has been won from pillar-extraction.

Kimbell West Dip : The coal is being won partly from solid and partly from pillar-extraction, the solid places developing in a southerly direction.

Dangerous Occurrences.—During August a heating took place in the lower workings of the Anderson dip section, and the heating area was sealed by stoppings and made safe. The water has been allowed to rise in this section above the heated coal.

Stone-dusting.—Work under this heading was continued during the year. The total number of samples taken from the Liverpool Colliery and analysed was 445. In addition, 125 samples from co-operative mines were analysed.

JAMES COLLIERY.

Coal-winning.—The gross output for the year was 25,573 tons 12 cwt., an increase of 2,637 tons 8 cwt. when compared with the figures for the previous year. After making allowance for stocks on hand and slack taken on charge, and deducting mine consumption and waste, there remained for disposal 26,778 tons 17 cwt. 2 qr., which is accounted for as follows :—

							Tons	cwt.	qr.
Shipped	..	..	..	..	..	..	13,070	7	3
Railed Canterbury	..	..	..	..	..	..	12,822	16	3
Local sales	..	..	..	..	..	..	356	7	1
Mine sales	..	..	..	..	..	..	..	..	..
Sales to workmen, and free issues	..	..	..	..	..	..	..	..	..
Stock in bin and yard	..	..	..	..	..	..	120	0	0
Stock on wharf	..	..	..	..	..	..	..	..	..
Stock on dump	..	..	..	..	..	..	409	5	3
							26,778	17	2
Used on works	..	..	..	..	..	..	98	0	0
Waste	..	..	..	..	..	..	641	12	0
							27,518	9	2

The gross output from the colliery since its inception amounts to 648,093 tons 1 cwt.

During the year the colliery worked on 241 days 4 hours, a decrease of 5 days 2 hours when compared with the previous year, when 5 back Saturdays were worked. The possible working-days, excluding Saturdays, was 261. The difference between the days worked and the possible working-days is accounted for as follows : 1 day, Good Friday ; 1 day, Easter Monday ; 1 day, Anzac Day ; 1 day, May Day ; 1 day, dispute *re* wet-time train ; 1 day, bathhouse cold ; 1 day, dispute *re* stopping truckers' lamps ; 1 day, dispute *re* conveyance rope-boys ; 1 day, dispute *re* truckers ; 1 day, Labour Day ; 1 day 4 hours, electrical fault ; 7 days, Christmas holidays ; 1 day, shortage of wagons.

Employees.—In connection with coal-winning, the average number of persons employed in and about the mine was 44 men and 2 boys, made up as follows—Underground : Hewers, 16 ; deputies, shift-men, and truckers, 23. On the surface : 5 men and 2 boys.

Expenditure.—The total expenditure in connection with coal-winning for wages, stores, mine timber, and compensation, together with subsidies on bus fares and cost of fuel used on works, amounted to £20,830, as compared with £17,885 for the previous year.

Coal-hewers' Average Daily Earnings.—The coal-hewers' average daily earnings (gross) were £1 18s 8d. per day, and after deducting stores (explosives) their net return was £1 11s. 8d., an increase of 3s. 6d. per day when compared with the previous year.

Daily Output.—The average daily output was 105 tons 16 cwt. and the coal-hewers' average daily output was 6 tons 17 cwt., as compared with 92 tons 19 cwt. and 6 tons 8 cwt. respectively for the previous year.

Deficiencies.—The total amount paid under the minimum-wage clause was £7 15s. 6d.

Development Work.—All development work to the north and east was completed during the year, and pillar-extraction adjacent to the fault line was commenced.

Repairs.—All necessary repairs to haulage roads, &c., have been carried out.

Serious Accidents.—One serious accident was recorded during the year. On the 22nd of April a collier was struck by a piece of stone, and received a fracture of the right tibia and injuries to the head.

Stone-dusting.—Work under this heading has been continued. The total number of samples taken from this colliery and analysed was 12.

STRONGMAN COLLIERY.

Coal-winning.—The gross output for the year was 87,402 tons 10 cwt., as compared with 77,862 tons 7 cwt. for the previous year, an increase of 9,540 tons 3 cwt. After deducting mine consumption and waste, and making allowances for stocks on hand and slack dumped, there remained for disposal 86,399 tons 5 cwt. 3 qr., which is accounted for as follows:—

						Tons	cwt.	qr.
Shipped	..	..	..	..	..	45,068	11	3
Railed Canterbury	..	..	..	..	..	27,400	5	2
Local sales	..	..	..	..	..	6,661	14	3
Mine sales	..	..	..	..	..	119	0	0
Sales to workmen, and free issues	..	..	..	..	..	2,097	1	0
Stocks in bin and yard	..	..	..	..	..	695	0	0
Stock on wharf	..	..	..	..	..	702	8	3
Stock on dump	..	..	..	..	..	3,655	4	0
						86,399	5	3
Used on works	..	..	..	..	..	427	0	0
Waste	..	..	..	..	..	1,594	10	0
						88,420	15	3

The gross output from the colliery since its inception amounts to 210,598 tons 16 cwt.

During the year the colliery worked on 241 days 7 hours, a decrease of 5 days 7 hours when compared with the previous year, when 5 back Saturdays were worked. The possible working-days, excluding Saturdays, were 261. The difference between the days worked and the possible working-days is accounted for as follows: 1 day, Good Friday; 1 day, Easter Monday; 1 day, Anzac Day; 1 day, May Day; 1 day, dispute *re* wet-time train; 1 day, dispute *re* lamps; 1 day, dismissal of trucker; 1 day, Labour Day; 7 days, Christmas holidays; 4 hours, electrical fault; 5 hours, breakdown fan; 1 day, non-issue of truckers' pay-slips; 1 day, James Bathhouse cold; 1 day, no trucks.

Employees.—In connection with coal-winning, the average number of persons employed in and about the mine was 167 men and 16 boys, made up as follows—Underground: Hewers, 50; deputies, shiftmen, and truckers, 80; boys, 5. On the surface: 37 men and 11 boys.

Expenditure.—The total expenditure in connection with coal-winning for wages, stores, mine timber, and compensation, together with subsidies on bus fares and cost of fuel used on works, amounted to £81,767, as compared with £72,754 for the previous year. Capital expenditure was £4,898, as compared with £13,337 for the previous year.

Coal-hewers' Average Daily Earnings.—The coal-hewers' average daily earnings (gross) were £2 5s. 5d. per day, and after deducting stores (explosives) their net return was £2 0s. 2d., an increase of 2s. 1d. per day when compared with the figures for the previous year.

Daily Output.—The average daily output was 361 tons 7 cwt. and the coal-hewers' average daily output was 7 tons 10 cwt., as compared with 314 tons 5 cwt. and 6 tons 14 cwt. respectively for the previous period.

Deficiencies.—The total amount paid under the minimum-wage clause was £18 1s. 8d.

Underground Workings.—Development work continued throughout the year.

No. 1 North Heading Bottom Seam has now been driven a total distance of 21 chains. Stone intrusions were met with, and the seam split to such an extent that only the top portion of the seam 4 ft. 6 in. thick proved workable. This prevented the formation of panels to the east. The extent of the stony area is unknown, but boreholes 18 chains ahead of the working-face prove the coal to be 15 ft. in thickness.

From the No. 1 heading work has been continued to the west and north in the top seam in coal 16 ft. in thickness.

No. 2 North Heading Top Seam.—From this heading, which lies to the east of the 90 ft. fault, driving to the north has been continued for a distance of 20 chains from the main level. A through fault to the west of the heading has divided the workings into separate panels. To the east the workings have encountered the "Bob" fault. The coal is of good quality, averaging 16 ft. in height, and the distance between the 90 ft. and "Bob" fault varies from 12 chains to 16 chains in width.

East Heading.—Prospecting operations between the "Docherty" and "Bob" faults proved an area of high-grade coal 6 chains in width and 16 ft. to 18 ft. in thickness. Development in this section has been discontinued pending the putting through of stone drives over both faults.

South Level.—A stone drive 5 chains in length is in the process of being driven on a grade of 1 in 5 across the "Docherty" fault; it is expected that the coal will be struck early in June.

South Dip.—Coal produced from this section was won from a small panel to the south and east of the main dip. A shortage of shiftmen during the year has seriously retarded development work to the south and east. Only one of the three stone drives (south level) necessary to cross the "Docherty" and "Bob" faults has been proceeded with.

Serious Accidents.—No serious accident was recorded at the Strongman Mine for the year.

Stone-dusting.—Work under this heading has been continued during the year. The total number of samples taken from this colliery and analysed was 72.

BLACKBALL COLLIERY.

Coal-winning.—This colliery was taken over by the State Coal-mines on 7th July, 1941, and the total gross output from that date to 31st March, 1942, was 25,950 tons 3 cwt. After making allowances for coal used on works, there remained for disposal 25,772 tons 13 cwt., which is accounted for as follows :—

	Tons	cwt.	qr.
Shipped	11,754	1	0
Railed Canterbury	4,298	1	0
Local sales	5,966	15	0
Mine sales	221	0	0
Sales to workmen, and free issues	311	0	0
Stock in bin and yard	3,170	5	0
Stock on wharf	51	11	0
	25,772	13	0
Used on works	177	10	0
Waste	..	..	..
	25,950	3	0

During the period 7th July, 1941, to 31st March, 1942, the mine worked on 148 days. The possible working-days, excluding Saturdays, was 192. The difference between the days worked and the possible working-days is accounted for as follows: 32 days, no orders; 3 days, flooding in mine; 1 day, burnt-out motor; 7 days, Christmas holidays; 1 day, Labour Day.

Employees.—In connection with coal-winning, the average number of persons employed in and about the mine was 82 men and 3 boys, made up as follows—Underground: Hewers, 31; deputies, shiftmen, and truckers, 27. On the surface: 24 men and 3 boys.

Expenditure.—The total expenditure in connection with coal-winning for wages, stores, mine timber, and compensation, &c., amounted to £28,818.

Coal-hewers' Average Daily Earnings.—The coal-hewers' average daily earnings (gross) were £2 3s. 4d. per day, and after deducting stores (explosives) their net return was £1 19s. 3d.

Daily Output.—The average daily output was 175 tons 7 cwt. and the coal-hewers' average daily output was 5 tons 19 cwt.

Deficiencies.—The total amount paid under the minimum-wage clause was £20 9s. 5d.

Serious Accidents.—No accidents of a serious nature occurred at this colliery during the period 7th July, 1941, to 31st March, 1942.

Mine Workings, Main North Level.—During the period the main north level had been driven a distance of 600 ft. when the seam commenced to dip. Development was continued to a distance of 250 ft.

Development Work.—South Level: Development was temporarily stopped after the level was driven a distance of 770 ft. in a south and south-easterly direction.

Main Dip: The main dip has now been advanced a total distance of 300 ft. from the north level. The coal is of poor quality, and numerous breaks in the roof have allowed a considerable influx of water into the workings.

I have, &c.,

C. J. STRONGMAN, Superintendent.

REPORT ON THE NORTH ISLAND STATE COAL-MINES.

The DISTRICT MANAGER, State Coal-mines, Mangapehi, to the UNDER-SECRETARY, Mines Department, Wellington.

SIR,—

23rd April, 1942.

I have the honour to submit my report on the working of the State coal-mines (North Island) for the year ended 31st March, 1942.

MANGAPEHI COLLIERY.

Coal-winning.—The gross output for the year was 40,826 tons 5 cwt., and after deducting mine consumption and waste and allowing for stock in bin at the 31st March there remained for disposal 38,859 tons 17 cwt. 2 qr., which is accounted for as follows :—

	Screened, House, Kitchen, &c.	Unscreened and Through.	Slack.	Total.
	Tons cwt. qr.	Tons cwt. qr.	Tons cwt. qr.	Tons cwt. qr.
Sales to Railway Department ..	13,647 6 3	18 19 0	..	13,666 5 3
Sales to depot and local sales ..	7,599 14 3	13 15 0	17,403 13 0	25,017 2 3
Sales to workmen, and free issues	176 9 0	..	..	176 9 0
	21,423 10 2	32 14 0	17,403 13 0	38,859 17 2
Used on works	..	724 0 0	..	724 0 0
Waste	..	1,182 7 2	..	1,182 7 2
Stock in bin	..	60 0 0	..	60 0 0
	21,423 10 2	1,999 1 2	17,403 13 0	40,826 5 0

The total output from this colliery since taken over by the State Coal-mines is 53,965 tons 5 cwt.

During the year the mine worked on 235 days 5 hours out of a possible 249 days, excluding Saturdays and union holidays. The difference between the days worked and the possible working-days is accounted for as follows: 1 day, dispute *re* boardinghouse; 3 hours, dispute *re* drinking-water in mine; 2 days,

dispute *re* wet clothes in bathhouse; 4 hours, union meeting with district secretary; 1 day, dispute *re* wet time; 4 hours, dispute *re* shortage of boxes; 3 days, dispute *re* allocation of cottages; 1 day, dispute *re* dismissal of trucker; 2 days, shortage of railway wagons; 1 day, dispute *re* "go-slow" policy of truckers; 1 day, road blocked by logging-train smash.

Employees.—The total number of men employed at the beginning of the year was 57, but this number was gradually increased, and at the 31st March there were employed in and about the mine 74 men and 3 boys, made up as follows—Underground: Coal-hewers, 25; deputies, shiftmen, and truckers, 33. On the surface: 16 men and 3 boys.

Expenditure.—The total expenditure in connection with coal-winning for wages, stores, mine timber, and compensation, together with the subsidy on bus fares and the cost of fuel used on the works, amounted to £29,717.

Coal-hewers' Average Daily Earnings.—The coal-hewers' average daily earnings were (gross) £2 6s. 11d., and after deducting stores (explosives), 5s. 3d., their net return was £2 1s. 8d., a reduction of 2s. 3d. per day when compared with the previous year.

Daily Output.—The average daily output at the beginning of the year was 150 tons, but this was gradually increased, and at 31st March the average daily output was approximately 200 tons. The average daily output per coal-hewer was 8 tons 5 cwt., as compared with 9 tons 4 cwt. for the previous year.

Deficiencies.—During the year no payments were made under the minimum-wage clause.

Accidents.—During the year there were a few minor accidents but none of a serious nature.

Mine Buildings.—The following mine buildings have been erected during the year: Substation, haulage-engine room, petrol-store, bathhouse (with a recent extension to provide accommodation for the increased number of employees), and a small workshop and tub-repair cover. An ambulance-room and change and shower accommodation for officials is now being built.

Boreholes.—Four holes were drilled, all of which failed to prove coal, the No. 4 hole being drilled 680 ft. when it met greywacke. Preparations are now being made to form a road some 30 chains in length through the bush to transport the drilling plant to the site of No. 5 hole, which is 20 chains north of the main dip drive.

The access road to the mine has been improved and metalled, and an area of land adjacent to the mine levelled to provide suitable sites for workshops and storage. The railway siding has been lengthened some 8 chains, and an extra siding provided to enable north and south despatches to be assembled and to eliminate delay. The loading-ramp and weigh-cabin have been electrically floodlit.

Housing Accommodation.—During the year the housing programme has been advanced considerably. The township, "Benneydale," now comprises thirty-one houses, with a further ten on which construction is fairly well advanced. A hostel for single men's accommodation with, in addition to custodian's quarters, ten roomy bedrooms, a large dining-room, and a well equipped kitchen to provide meals for the occupants of twelve double baches is almost completed.

The purchase of and subdivision of land for further extension of the township has been made, while fencing and the planting of hedges and shrubs has been carried out throughout the township.

Water and Sewerage.—The contractor for the former is now engaged on erecting the dam. The laying of the 6 in. pipe-line and the formation of a reservoir should soon be under way. The piping from reservoir to township should be a simple matter, conditions being ideal for good progress.

Mangapehi Mine.—Development has been east and west of the main dip headings and in rise panels off the upper east and west levels. The upper east level is now in 23 chains. A second rise panel is being developed, while the level face (which continues in good coal), after standing for some time, is being advanced and a larger endless rope haulage assembled.

The upper west level, after advancing about 12 chains, and the rise panels, have been cut off by a fault running diagonally across. The lower west level, after being driven some 6 chains, encountered troubled ground (a split in the seam, with irregular stone layers), and driving ceased for some time, while the area to the rise was developed as a small panel. Prospecting is now being undertaken in the level face and so far prospects are encouraging, but this trouble may prove to be a continuation of that met with in the upper level.

To the east the lower level has been driven approximately 8 chains in coal of excellent quality. When the larger haulage is installed in the upper level, the small one now in use there will be converted for use in the lower level. The reconditioning of airways has been carried on continuously, and with this work completed the unwatering of the remaining portion of the dip and reconditioning these workings will be undertaken.

Power for mine purposes is now obtained from the Waitomo Electric-power Board's supply, and the township is also connected up to this supply.

TATU COLLIERY.

Output.—The gross output for the year was 17,094 tons 9 cwt., and after deducting mine consumption and waste and making allowance for stock on hand there remained for disposal 14,864 tons 7 cwt., which is accounted for as follows:—

	Screened, House, Kitchen, &c.	Unscreened and Through.	Slack.	Total.
	Tons cwt. qr.	Tons cwt. qr.	Tons cwt. qr.	Tons cwt. qr.
Sales to Railway Department	4,571 11 3	541 5 1	..	5,112 17 0
Sales to depot and local sales ..	1,972 0 1	50 16 0	7,505 12 1	9,528 8 2
Sales to workmen, and free issues	223 1 2	..	..	223 1 2
	6,766 13 2	592 1 1	7,505 12 1	14,864 7 0
Used on works	..	1,602 4 0	..	1,602 4 0
Waste	..	567 18 0	..	567 18 0
Stock in bin	..	60 0 0	..	60 0 0
	6,766 13 2	2,822 3 1	7,505 12 1	17,094 9 0

During the year the mine worked on 244 days out of a possible 248, excluding Saturdays and union holidays. The difference between the days worked and the possible working-days is accounted for as follows: 1 day, dispute *re* convenience at mine mouth; 1 day, road washed out; 1 day, road under water; 1 day, breakdown of fan.

Employees.—The total number of men employed at the beginning of the year was 32, but this was gradually increased, and at the 31st March there were employed in and about the mine 65 men, made up as follows—Underground: Coal-hewers, 18; deputies, shiftmen, and truckers, 22. On the surface: 25 men.

Daily Output.—At the beginning of the year practically no coal was being won from this colliery, but during the last month the average daily output was approximately 100 tons. The coal-hewers' average daily output during the last three months was 5 tons 19 cwt.

Coal-hewers' Average Daily Earnings.—During the last three months the coal-hewers' average daily earnings were (gross) £2 2s. 6d., and after deducting stores (explosives) their net return was £1 17s. 10d. per day.

Accidents.—During the year there were a few minor accidents but none of a serious nature.

Tatu Mine.—Development here has been virtually the opening of a new mine, for, after driving and reconditioning the workings of the old mine, conditions were unfavourable and costs of production prohibitive. A pair of stone tunnels was set away approximately 5 chains to the north-west of the mine entrance. The steeper one, which is now the return, was driven in advance of the main tunnel. After striking the coal, headings were set away, one of which was driven back to meet the main tunnel which, when connected, was then used as the main haulage road. A larger fan, a "Robinson," was then installed at the return tunnel entrance.

The return drive, when 160 ft. in, met the seam 6 ft. thick with a hard clay band on top, the floor being fireclay. The main tunnel, dipping 1 in 5, was commenced in March and reached the coal early in August, after being driven approximately 360 ft. After transferring the haulage to this drive, a large steam-winch was installed, the tunnels extended, and an area of coal lying between the fault encountered in the old mine and the "Cunningham" fault opened out. From this area an output rising to 70 tons daily was got, but with the main headings striking the 40 ft. upthrow fault and the area to the south-east limited, this output could not be maintained.

To the north-west, to pierce the "Cunningham" fault, a steep rise, and a heading 1 in 15 to form a haulage road, were set away, both drives being driven narrow. The heading for the haulage was commenced in October and a full face of coal was had, beyond the fault, early in January. The seam here increased in thickness to 8 ft. 6 in. with a 3 in. to 6 in. hard clay band overlying it, the grade being 1 in 8.

The driving of a pair of dip headings was continued to open out places to replace those lost to the east of the main haulage tunnel. Meanwhile, the necessary air connections and the widening of the rise stone tunnel to provide a reliable air course was undertaken. These operations have been completed, and levels, off the dip, set away and the forming of panels commenced. There remains to be done the widening of the haulage road through the fault to give a double track.

Haulage, for the time being, is direct by double-drum air-winch placed overhead at the crown of the road, but with the stone drive widened a self-acting incline will be formed to provide suitable haulage from the crown to the main stone tunnel.

Plant Installations.—A steam boiler has been installed, and a second is now at Tatu ready to be installed. A large steam-winch, a double drum for main haulage, and a modern Sullivan high-speed air-compressor belt driven by a high-speed Browett and Lindley vertical steam-engine have been installed. A steam-driven "Robinson" fan from the old mine was installed, and will provide adequate ventilation for some time. At the mine terminus of the aerial rope-way a storage bin has been erected and concrete foundations and retaining-wall put in; later, the body structure will be heightened to give extra storage capacity. In addition to temporary workshops, bathhouse, and store-room at the mine, the following buildings have been erected: Deputies' cabin, mine-manager's office, ambulance-room, and a good double bach, while twelve three-roomed Public Works Department cottages have been erected on land adjacent to the mine. Much repair work has been done to towers, particularly the wooden structures, of the aerial rope-way. At Mangaparo a three-roomed office has been erected, while repairs to screens, &c., have been attended to. At Ohura, two residences for officials have been erected on contract.

I have, &c.,

G. SMITH, District Manager.

Approximate Cost of Paper.—Preparation, not given; printing (497 copies), £12.

By Authority: E. V. PAUL, Government Printer, Wellington.—1942.

Price 6d.]

NEW ZEALAND STATE COAL-MINES.

COLLIERY SALES ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 1942.

Dr.	LIVERPOOL.	JAMES.	STRONGMAN.	BLACKBALL.	MANGAPEHI.	Cr.	LIVERPOOL.	JAMES.	STRONGMAN.	BLACKBALL.	MANGAPEHI.
Railway haulage	£ 12,787	£ 2,021	£ 7,765	£ 3,322	£ 5,337	Sales of coal f.o.r., c. & f., and f.o.b.	£ 200,112	£ 37,055	£ 131,639	£ 27,825	£ 38,121
Wharfage	2,601	504	1,688	437	..						
Special rate	743	144	482	126	..						
Marine freight	42,256	10,631	34,249	5,352	..						
Working Account: Coal sales net f.o.r.	58,387	13,300	44,184	9,237	5,337						
	141,725	23,755	87,455	18,588	32,784						
	200,112	37,055	131,639	27,825	38,121		200,112	37,055	131,639	27,825	38,121

COLLIERY WORKING ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 1942.

Dr.	LIVERPOOL.	JAMES.	STRONGMAN.	BLACKBALL.	MANGAPEHI.	Cr.	LIVERPOOL.	JAMES.	STRONGMAN.	BLACKBALL.	MANGAPEHI.
Stocks on hand, 1st April, 1941 ..	£ 2,708	£ 334	£ 1,028	£ ..	£ ..	Subsidy Sales Account: Sales of coal f.o.r Stocks on hand at 31st March, 1942, at mine, wharf, and afloat as per Stock Account	£ 12,205	£ 1,976	£ 6,133	£ 1,714	£ 2,968
Coal-winning:—							141,725	23,755	87,455	18,588	32,784
Wages	112,018	17,207	62,260	20,187	23,659		3,052	65	1,427	1,172	..
Stores and materials	11,158	1,157	8,364	3,034	2,853						
Rail and bus fares	820	211	1,805	..	289						
Coal purchased	23	10	27	..	..						
Electric power	..	88	1,742	2,222	321						
Gross profit: To Profit and Loss Account	126,727	19,007	75,226	25,443	27,122	Gross loss: To Profit and Loss Account	156,982	25,796	95,015	21,474	35,752
	30,255	6,789	19,789	..	8,630					3,969	..
	156,982	25,796	95,015	25,443	35,752		156,982	25,796	95,015	25,443	35,752

NEW ZEALAND STATE COAL-MINES—continued.

COLLIERY PROFIT AND LOSS ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 1942.

Dr.	LIVERPOOL.	JAMES.	STRONGMAN.	BLACKBALL.	MANGAPEHI.	Cr.	LIVERPOOL.	JAMES.	STRONGMAN.	BLACKBALL.	MANGAPEHI.
Loss on working	£ ..	£ ..	£ ..	£ ..	£ ..	Gross profit at mine	£ 30,255	£ 6,789	£ 19,789	£ ..	£ 8,755
Rents	2,621	199	7,747	717	1,166	Rents, &c.	387	..	..	1,263	..
Interest	143	23	78	24	144	Net loss : Transferred to General	..	..	..	8,729	..
Travelling-expenses	173	29	94	26	43	Profit and Loss Account	..	..	..	..	..
Printing and stationery	5,786	554	2,851	1,893	621						
Repairs and maintenance	461	76	251	73	114						
Telegrams and postages	6,055	911	3,443	1,198	1,435						
Insurance	339	54	172	54	84						
Coal-miners' Relief Fund	1,327	98	307	75	215						
General expenses	51	8	27	8	10						
Audit fees	46	6	20	5	9						
Superannuation Fund subsidy	5,028	691	5,681	956	1,572						
Depreciation	346	55	168	38	..						
Rescue-station levy	77	13	42	13	19						
Advertising	2,867	452	1,542	586	817						
Salaries	..	..	..	357	..						
Rates	..	..	..	..	..						
Net Profit : Transferred to General	25,314	3,202	22,525	9,992	6,249						
Profit and Loss Account	5,328	3,587	..	..	3,070						
	30,642	6,789	22,525	9,992	9,319		30,642	6,789	22,525	9,992	9,319

MACDONALD COLLIERY PROFIT AND LOSS ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 1942.

Dr.	Cr.
Depreciation	£ 1,286
Interest	200
Net profit : Transferred to General Profit and Loss Account	5,299
	£5,499

NEW ZEALAND STATE COAL-MINES—continued.

DEPOT TRADING ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 1942.

Dr.	WELLINGTON.	CHRISTCHURCH.	Cr.	WELLINGTON.	CHRISTCHURCH.
Stocks on hand at 1st April, 1941	£ 5,378	£ 7,079	Sales of coal	£ 309,776	£ 113,575
Purchases of coal	285,766	84,770	Sales of coke, wood, &c.	13,977	4,010
Purchases of wood, coke, &c.	11,654	2,231	Stocks on hand at 31st March, 1942—		
Wharfage and freights	2,848	22	Coal	2,774	8,637
Haulage to depot	3,347	20,439	Wood, coke, &c.	239	78
Wages : Discharging	188	845			
Gross profit : To Profit and Loss Account	17,585	10,914			
	326,766	126,300		326,766	126,300

DEPOT PROFIT AND LOSS ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 1942.

Dr.	WELLINGTON.	CHRISTCHURCH.	WANGANUI.	Cr.	WELLINGTON.	CHRISTCHURCH.	WANGANUI.
Advertising	£ 90	£ 90	£ ..	Trading accounts : Gross profit	£ 17,585	£ 10,914	£ ..
Wages : Yard	1,917	2,411	..	Rents	..	..	.. 29
Salaries	2,198	1,859	..	Net loss : To General Profit and Loss Account	..	..	14
Rents	632	108	..				
Interest	268	159	..				
Travelling-expenses	97	29	34				
Repairs and maintenance	375	318	..				
Postages and telegrams	167	212	..				
Printing and stationery	99	89	3				
Insurance	49	59	..				
Cartage	5,444	3,100	..				
Sacks	865	288	..				
General expenses	604	86	..				
Audit fees	46	87	..				
Superannuation Fund subsidy	11	16	..				
Reserve for bad debts	80	..	..				
Rates	14	..	..				
Depreciation	410	141	6				
Net profit : To General Profit and Loss Account	4,219	1,862	..				
	17,585	10,914	43		17,585	10,914	43

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NEW ZEALAND STATE COAL-MINES—continued.
GENERAL PROFIT AND LOSS ACCOUNT.

<i>Dr.</i>				<i>Cr.</i>			
Net loss, 1941-42—		£	£	Net profit, 1941-42—		£	£
Strongman Colliery	2,736			Liverpool Colliery	5,328		
Blackball Colliery	8,729			James Colliery	3,587		
Wanganui Depot	14			Mangapehi Colliery	3,070		
			11,479	MacDonald Colliery	2,482		
Runanga Water-supply Scheme	1,000			Wellington Depot	4,219		
Stores, sales		359		Christchurch Depot	1,862		
Balance: Net profit for year carried down			22,534				20,548
				Net recoveries—			
				Seddonville Colliery	49		
				Royalties	4,223		
							4,272
				Net revenue from hire of plant, buildings, &c.			197
				Interest on investments			10,355
			£35,372				£35,372

PROFIT AND LOSS APPROPRIATION ACCOUNT.

<i>Dr.</i>	£	<i>Cr.</i>	£
Taxation reserve for income and other taxes ..	18,584	Net profit for year 1941-42	22,534
Sinking Fund Account for redemption loan capital ..	9,164	Transfer from General Reserve (see section 3 (3), Finance Act (No. 2), 1939)	5,214
	<u>£27,748</u>		<u>£27,748</u>

BALANCE-SHEET AS AT 31ST MARCH, 1942.

Liabilities.				Assets.			
Loan capital—		£	£	Collieries—		£	£
Securities at 1½ per cent.	..	100,000		Development and Property Accounts	..	239,765	
Securities at 3 per cent.	..	169,465		Machinery, plant, ropes, and rolling-stock	..	92,655	
Securities at 4 per cent.	..	51,667		Electrical plant (James Colliery)	..	1,624	
			321,132	Buildings at mines	..	47,797	
Accrued interest on loan capital	..	..	1,809	Cottages at mines	..	30,492	
Sundry creditors—				Plantations at mines	..	641	
South Island collieries	..	45,821		Coal stocks (bins, wharf, and afloat)	..	5,716	
North Island collieries	..	6,533		Stores on hand	..	54,562	
Christchurch Depot	..	5,271				473,252	
Wellington Depot	..	9,557		Less provisionally written off	..	65	
			67,182				473,187
Deposits on contracts	..	..	1,630	Prospecting on State coal reserve	..	..	2,807
Sinking Fund	..	..	9,165	Plant, equipment, &c., on hire	..	..	2,083
Reserves—				Depots—			
General Reserve	..	241,838		Property Accounts	..	12,591	
Accident Insurance Reserve	..	18,807		Stocks and stores on hand	..	15,042	
Bad Debts Reserve	..	2,003				27,633	
Taxation Reserve	..	18,811		Less provisionally written off	..	3,038	
			281,459				24,595
				Sinking Fund investments	..	..	9,165
				Housing advances to workmen	..	34,923	
				Interest accrued due	..	370	
							35,293
				Miscellaneous advances	..	..	5,781
				Sundry debtors—			
				South Island collieries	..	10,094	
				North Island collieries	..	895	
				MacDonald Colliery	..	1,395	
				Wellington Depot	..	59,580	
				Christchurch Depot	..	8,343	
						80,307	
				Less provisionally written off	..	180	
							80,127
				Cash in Receiver-General's Deposit Account	..	..	1,630
				Cash in Public Account	..	..	47,709
			£682,377				£682,377

State Coal-mines Office, Wellington C. 1,
M. L. THOMAS, Accountant.

P. C. WEBB, Minister of Mines.

I hereby certify that the attached Working and Profit and Loss Accounts of Depot and Collieries, General Profit and Loss Account, and Balance-sheet have been duly examined and compared with the relative books and documents submitted for audit, and correctly state the position as disclosed thereby.—CYRIL G. COLLINS, Controller and Auditor-General.