

1931.
NEW ZEALAND.

STATE COAL-MINES

(REPORT ON THE WORKING OF) FOR THE YEAR ENDED 31ST MARCH, 1931.

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

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

SIR,—

5th May, 1931.

I have the honour to submit my annual report on the workings of the State Coal-mines for the year ended 31st March, 1931.

LIVERPOOL COLLIERY.

Coal-winning.—The gross total output for the year was 131,102 tons 11 cwt., a reduction of 10,317 tons 17 cwt. when compared with the figures of last year. After making allowances for stocks on hand at the beginning of the year and deducting mine consumption and waste, there remained for disposal 133,195 tons 7 cwt. 1 qr., which is accounted for as follows:—

—	Screened.	Unscreened.	Small.	Total.
	Tons cwt. qr.	Tons cwt. qr.	Tons cwt. qr.	Tons cwt. qr.
Export	13,192 5 0	35,120 15 0	30,355 6 0	78,668 6 0
Rail to Canterbury	9,124 17 1	12,489 18 2	12,870 15 2	34,485 11 1
Local sales	5,048 11 3	500 2 2	3,747 16 3	9,296 11 0
Mine sales	6 0 0	22 10 0	..	28 10 0
Sold to workmen and free issues .. ..	..	1,999 10 0	..	1,999 10 0
Stock in bin .. ..	..	2,082 11 0	400 0 0	2,482 11 0
Stock on wharf	273 19 0	235 4 0	52 14 0	561 17 0
	27,645 13 0	52,450 11 0	47,426 12 1	127,522 16 1
Used on works .. ..	..	4,644 1 0	..	4,644 1 0
Waste .. ..	..	1,028 10 0	..	1,028 10 0
Totals	27,645 13 0	58,123 2 0	47,426 12 1	133,195 7 1

The gross total output from this colliery since its inception amounts to 2,196,842 tons 16 cwt.

Days worked.—During the year the No. 1 Mine worked 204 days and the No. 2 Mine 203 days. The possible working-days based on eleven days per fortnight, and excluding union holidays and pay Saturdays, were 271. The difference between the days worked and the possible working-days is accounted for as follows: Extra holidays at Christmas, 2; bins full, delays to shipping, and lack of orders, 29; cold bathhouse (No. 1 Mine only), 1; flood-water in bathhouse (No. 2 Mine only), 1; death of mine employees, 2; visit of British Rugby team, 1; stop-work meeting *re* Dobson, 1; stoppage *re* shades on electric lamps, 2; stoppage *re* wet-time train being late, 3; stoppage *re* trucker's lamp being stopped (No. 2 Mine only), 1; back Saturdays, 26: totals, No. 1 Mine, 67 days; No. 2 Mine, 68 days.

The days worked at the Nos. 1 and 2 Mines are less by 14 $\frac{3}{4}$ and 13 $\frac{3}{4}$ respectively than those of the previous year.

Employees.—In connection with coal-winning the average number of persons employed in and about the mine was 346, made up as follows: Underground—Coal-hewers, 116; deputies, shiftmen, and truckers, 132. On the surface—68 men and 30 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 coal used on works, amounted to £102,470 17s. 4d.

Coal-hewers Average Daily Earnings.—The coal-hewers average daily earnings (gross) were £1 12s. 3d., and after making deduction for stores (explosives) the net return was £1 9s. 4d., an increase of 9d. per day when compared with the previous year.

Daily Output.—The average daily mine-output was 645 tons, and the coal-hewers average daily output was 5 tons 19 cwt. compared with 652 tons and 5 tons 18 cwt. for the previous year.

Days worked by Coal-hewers.—The total number of days that could have been worked by coal-hewers was 28,057, the number worked was 21,962, and the number lost, including those lost through sickness and not working on back Saturdays, was 6,095.

Deficiencies.—The total amount paid under the minimum-wage clause was £571 4s. 7d. as compared with £410 19s. 9d. for the previous year. This works out to a cost of 1.04d. per ton.

Accidents.—During the year there were several minor accidents, but none of a serious nature. The payments made at this colliery under the provisions of the Workers' Compensation Act amounted to £2,504 8s. 8d. On the output produced this works out to a cost of 4.58d. per ton, as compared with 4.21d. per ton for the previous year.

Underground Workings.—Operations underground have been carried out on similar lines as those of the previous year, namely: the developing of the No. 2 Mine and the extraction of pillars from the No. 1 Mine. At the No. 1 Mine three sections were worked formerly known as the Stable, West, and Siberia Sections. The two latter were closed down during the year, and all the plant removed therefrom. Work is still being continued in the Stable Section where seven pairs of miners are employed, but it is only a matter of a few months when this will be closed down. In the No. 2 Mine five sections are being worked, known as the Anderson, Kimbell East and West, and the Morgan East and West Sections. The Anderson Dip Section is opening up well, the coal produced being of excellent quality and thickness. The Kimbell east level was extended during the year, also rise headings in a northerly direction from it. In the extension of the main level water has been freely given off from the roof of the seam. In addition to water, feeders of gas were frequently met with from breaks in the roof. Workings to the rise from the Kimbell east and west levels were also extended during the year. The workings in the Nos. 3, 4, and 5 banks east reached the point where the seam became unworkable, and, in consequence, pillar-extraction is now in operation in the two former banks. In the west section work was confined to the extending of the workings of the Nos. 2 and 3 banks in the direction of the workings at the No. 1 Mine. Some of these places have reached the point where a barrier pillar has to be left between the two mines, and the time is not far distant when pillar-extraction will be commenced in this section.

Morgan Seam.—The Morgan east level was worked continuously throughout the year, the seam gradually reducing in thickness as the level was extended, the thickness now being approximately 6 ft., as compared with 20 ft. and over some distance back from the face. The workings to the rise from the east and west levels were also extended towards the point where a barrier pillar has to be left between the Nos. 1 and 2 Mines. Although some of the places have been driven the required distance to where the barrier pillar is being left, it will be some time yet before pillar-extraction will be commenced in this seam.

It is a great pity that the coal from this seam is of such a friable nature, for, as a result of this, the percentage of small is exceptionally high.

Stone Dusting.—Work under this head has been regularly carried out during the year; 104 tons of stone-dust was used for this purpose. The number of samples analysed from the various zones in the mines was 473. In addition to the latter, 100 samples were analysed from co-operative parties' mines.

Surface Works.—The whole of the plant, machinery, and buildings have been maintained in good and efficient state of repair. The new double-inlet Sirocco ventilating-fan, also the steam-driven air-compressor which were referred to in my last report, were put into commission during the early part of the year, and are giving entire satisfaction.

Exploratory Work.—Under this head a considerable amount of work has been carried out in tracing and stripping coal outcrops on the reserve between the Nine and Ten Mile Creeks. Along the face of the cliff overlooking the Ten Mile Creek coal outcrops have been traced for a distance of

approximately 70 chains. In this distance, however, there is a fault with a displacement of from 350 ft. to 450 ft., thus dividing the area into two blocks which are known as A and B. In Block A three seams have been traced for distances varying from 20 to 26 chains. The top seam in this block varies in thickness from 16 ft. to 18 ft., and is situated at an altitude of 1,240 ft. above sea-level at its highest point and 1,085 ft. at its lowest point along the face of the cliff. The second seam is situated about 70 ft. below the top one herein referred to, and the thickness of this seam also varies from 16 ft. to 18 ft. These two seams have been traced from fault to fault a distance of about 26 chains. The third seam in this block is situated about 550 ft. below the second one. It has been traced for a distance of approximately 20 chains, the thickness varying from 6 ft. to 12 ft. In Block B the seams are situated at a much higher level than in Block A, owing to the displacement of from 350 ft. to 400 ft. The top seam in this block, which has a varying thickness up to 21 ft., has been traced for over 40 chains along the face of the cliff. The second seam has also been traced a similar distance, but unfortunately becomes intersected with bands of stone at a point about 20 chains east of Wafer's Spur. Work is still in progress prospecting the third seam.

Prospecting work so far carried out has been of a satisfactory nature, but in order to thoroughly prove the area it will be necessary to put down several bore-holes between the cliff overlooking the Ten Mile Creek and the valley of the Nine Mile Creek. With this object in view arrangements have been made for the work to be carried out.

The coal in this area much resembles that worked at the old Point Elizabeth Colliery, and should be a first-class house-coal, the analysis being as follows:—

	Top Seam.	Second Seam.	Third Seam.
Fixed carbon	50.77	48.89	50.80
Volatile hydrocarbons	37.64	41.23	36.78
Water lost at 105°–110° C.	8.94	6.60	7.71
Ash	2.65	3.28	4.71
	100.00	100.00	100.00
Sulphur, per cent.	0.21	0.23	0.29
Calorific value—			
Calories per gram	6,954	7,270	7,122
B.Th.U. per pound	12,517	13,086	12,820
Evaporative power per pound in pounds water at 212° F.	12.96	13.57	13.29
Coking properties on heating in a closed vessel	Firm dense	Firm compact	Firm dense.

In connection with the work generally carried out on this area it would not be out of place to mention that owing to the precipitous nature of the country, together with the exceptionally bad weather experienced during the greater part of the year, the same progress has not been made as would have been made under more favourable conditions.

JAMES COLLIERY.

Coal-winning.—The gross total output for the year was 42,391 tons 1 cwt., a reduction of 1,573 tons 12 cwt. when compared with the figures of last year.

After making allowances for stocks on hand at the beginning of the year, together with coal purchased, and deducting mine consumption and waste, there remained for disposal 42,061 tons 16 cwt., which is accounted for as follows:—

	Screened.	Unscreened and Nuts.	Small.	Slack.	Total.
	Tons cwt. qr.	Tons cwt. qr.	Tons cwt. qr.	Tons cwt. qr.	Tons cwt. qr.
Export	10,496 13 0	.. .. .	.. .. .	5,192 7 0	15,689 0 0
Rail to Canterbury	14,398 6 1	1,419 1 0	2,612 14 1	35 9 3	18,465 11 1
Local sales	581 14 2	12 1 3	.. .. .	5,380 16 2	5,974 12 3
Mine sales	9 0 0	93 10 0	10 0 0	125 9 0	237 19 0
Sold to workmen and free issues	.. .. .	573 0 0	.. .. .	.. .. .	573 0 0
Stock in bin	100 0 0	35 0 0	240 0 0	94 2 0	469 2 0
Stock on wharf	297 6 0	.. .. .	.. .. .	15 5 0	312 11 0
Stock in dump .. .. .	.. .. .	.. .. .	.. .. .	340 0 0	340 0 0
Totals	25,882 19 3	2,132 12 3	2,862 14 1	11,183 9 1	42,061 16 0

The gross output from this colliery since its inception amounts to 285,839 tons 10 cwt.

Days worked.—The mine during the year worked on 238½ days, being 16 days more than the previous year. The possible working-days, based on eleven days per fortnight and excluding union holidays and pay Saturdays, were 271. The difference between the days worked and the possible working-days is accounted for as follows: Extra holidays at Christmas, 2; back Saturdays, 26; shortage of wagons, 2; visit of British Rugby team, 1; stop-work meeting *re* Dobson, 1; death of mine employee, ½ day: total, 32½ days.

Employees.—In connection with coal-winning the average number of persons employed in and about the mine was 78, made up as follows: Underground—Coal-hewers, 31; deputies, shiftmen, and truckers, 28. On the surface—15 men and 4 boys. In addition to those employed on coal-winning there were on an average 7 men and 2 boys employed on prospecting work, making a total for the colliery of 81 men and 6 boys.

Expenditure.—The total expenditure in connection with coal-winning for wages, stores, mine-timber, and compensation, together with cost of electric power and coal used on works, amounted to £28,148 2s. 10d., an increase of £1,304 11s. 7d., when compared with the previous year. In addition to the amount expended on coal-winning, £1,204 0s. 10d. was expended on prospecting work between the Nine and Ten Mile Creeks, also, the crossing of a fault in the mine.

Coal-hewers' Average Daily Earnings.—The coal-hewers' average daily earnings (gross) were £1 12s. 11d., and after deducting stores (explosives) the net return was £1 6s. 7d., an increase of 11d. per day compared with the previous period.

Days worked by Coal-hewers.—The total number of days that could have been worked by coal-hewers was 8,115; the days worked were 6,885½, and the number lost, including those lost through sickness and not working on back Saturdays, was 1,229½.

Daily Output.—The average daily mine-output was 175 tons 15 cwt., a reduction of 21 tons 11 cwt. per day compared with last year. The average daily output per coal-hewer was 6 tons 1¼ cwt., an increase of ¾ cwt. per day when compared with the previous year.

Deficiencies.—The total amount paid under the minimum-wage clause during the year was £341 1s. 8d. This works out to a cost of 1·92d. per ton.

Accidents.—During the year there were a few minor accidents, but not any of a serious nature. The payments made at this colliery under the provisions of the Workers' Compensation Act amounted to £598 5s. On the output produced this works out to a cost of 3·38d. per ton.

Underground Workings.—The output from this colliery was obtained from the development of workings in the crosscut section, and the extraction of pillars from the old dip and east-level sections. The work of pillar-extraction in the two latter sections has been completed, and the old workings flooded.

In the crosscut section development work consisted of the following: (a) Extension of the south level and the workings to the rise towards the fault; (b) the opening up of a dip section from the east level and the extension of workings in the direction of Cannell Creek.

With the exception of a stone band in the seam near the roof in the south-level section, the seam has been fairly uniform both in quality and thickness. In the dip section the seam has been fairly uniform in thickness, but somewhat variable in quality. In the dip heading also in the levels to the right the coal has been hard and of good quality. In the levels to the left of the dip heading the coal has been soft, and in consequence very little screened coal was produced from these places. This belt of soft coal appears to be about 3 chains wide, and arrangements will be made to drive as few places as possible through it. The main dip heading in this section is within 3 chains from an upthrow fault which has a displacement of approximately 190 ft. A good deal of surface prospecting work has been carried out along the line of outcrops beyond the fault, and it is regrettable to report that the area in this locality is so intersected with faults, and the areas between the faults are so small that it is doubtful whether further development in this direction is warranted. In addition to the last-mentioned area, prospecting drives were also driven on some outcrops on the south-east side of the present mine-workings. The seam in the prospecting-drives was of a good workable thickness, but the quality of the coal was poor owing to the high sulphur content.

GENERAL.

The output from the Liverpool Colliery is 10,317 tons 17 cwt. less than the previous year, and that of the James Colliery 1,573 tons 12 cwt. less. The loss of output at the Liverpool Colliery is due to a reduction in the number of working-days, also to the average number of coal-hewers employed being less than the previous year.

The number of days worked at the James Mine is greater than that of the previous year, but the average number of coal-hewers is less, thus accounting for the reduction in output.

In conclusion, permit me to say that the members of the present staff have performed their duties in a satisfactory manner; and I am also indebted to yourself for valuable services rendered in connection with several matters concerning the mines.

I have, &c.,

I. A. JAMES, Superintendent.

The Under-Secretary, Mines Department, Wellington.

NEW ZEALAND STATE COAL-MINES.

COLLIERY WORKING ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 1931.

<i>Dr.</i>	LIVERPOOL.		JAMES.		<i>Cr.</i>	LIVERPOOL.		JAMES.	
	£	s. d.	£	s. d.		£	s. d.	£	s. d.
To Stocks on hand, 1st April, 1930	1,081	9 10	466	13 7	By Sales of coal	172,638	14 3	50,358	17 9
Coal-winning—					Sales of stores, power, &c. . .	6,632	9 8		
Wages	79,849	6 7	24,032	15 10	Stocks of coal on hand at				
Stores and materials used	7,485	11 0	1,167	3 10	31st March, 1931, at mine,			138	15 9
Railway tickets	742	4 8			wharf, and afloat	1,489	9 2		
Subsidized bus fares, &c. . .			359	9 10					
Stores sales (at cost) ..	6,139	11 11							
Coal purchased	137	8 4	161	10 11					
Special rate	907	8 2	186	18 0					
Royalty			373	16 0					
Electric power			539	0 2					
	96,343	0 6	27,287	8 2					
Gross profit—To Profit and									
Loss Account	84,417	12 7	23,210	5 4					
	180,760	13 1	50,497	13 6		180,760	13 1	50,497	13 6

COLLIERY PROFIT AND LOSS ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 1931.

<i>Dr.</i>	LIVERPOOL.		JAMES.		<i>Cr.</i>	LIVERPOOL.		JAMES.	
	£	s. d.	£	s. d.		£	s. d.	£	s. d.
To Salaries	3,192	6 8	951	5 6	By Gross profit at mine ..	84,417	12 7	23,210	5 4
Rent			68	8 1	Rents	466	2 7		
Interest	4,125	19 7	1,654	8 0	Stores—Surplus at stock-				
Travelling expenses	72	19 3	25	18 3	taking	72	6 10		
Printing and stationery	153	1 9	51	4 3		84,956	2 0	23,210	5 4
Repairs and maintenance	6,541	3 8	997	10 1	Net loss—Transferred to				
Telegrams and postages	193	3 9	69	12 10	General Profit and Loss				
Railway haulage	13,212	4 10	2,307	19 5	Account	4,618	18 1		
Insurance	4,065	11 3	1,140	3 6					
Coal-miners' Relief Fund	269	17 6	86	2 4					
General expenses	716	2 5	278	16 3					
Marine freight	47,351	12 4	10,531	10 7					
Audit fees	98	2 9	28	17 3					
Wharfage	2,722	4 5	560	14 1					
Superannuation Fund subsidy	151	19 1	55	9 8					
Depreciation—Mine buildings,									
plant and machinery ..	6,708	10 10	4,159	9 10					
	89,575	0 1	22,967	9 11					
Net profit—Transferred to									
General Profit and Loss			242	15 5					
Account									
	89,575	0 1	23,210	5 4		89,575	0 1	23,210	5 4

MACDONALD COLLIERY PROFIT AND LOSS ACCOUNT FOR THE PERIOD 11TH JULY, 1930, TO 31ST MARCH, 1931.

<i>Dr.</i>	£	s. d.	<i>Cr.</i>	£	s. d.
To Interest	2,609	15 11	By Rents	307	5 0
Depreciation	248	13 4	Royalties	405	11 10
			Net loss—Transferred to General Profit		
			and Loss Account	2,145	12 5
	£2,858	9 3		£2,858	9 3

NOTE.—The loss on this colliery is due to the fact that the preliminary development work necessary before any coal could be won occupied some six months, consequently the royalty was payable only for a period of a little over two months. It is anticipated that a profit will be made hereafter.

NEW ZEALAND STATE COAL-MINES—continued.
DEPOT TRADING ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 1931.

Dr.	WELLINGTON.		CHRISTCHURCH.		WANGANUI.		Cr.	WELLINGTON.		CHRISTCHURCH.		WANGANUI.	
	£	s. d.	£	s. d.	£	s. d.		£	s. d.	£	s. d.	£	s. d.
To Stocks on hand, 1st April, 1930	3,462	3 7	5,828	1 8	741	18 8	..	144,235	0 1	76,227	2 10	20,310	15 5
Purchases of coal	132,652	13 8	43,872	7 7	18,907	1 4	..	4,224	8 7	1,399	12 6	430	1 3
Purchases of firewood, coke, &c.	3,761	14 11	701	12 9	103	4 2	..						
Wharfage	995	6 3	..	..	146	4 6	..	3,839	5 10	9,802	4 0	840	16 4
Haulage to depot	741	9 9	27,570	14 4	141	17 11	..	363	14 5	497	6 2	115	18 7
Wages—Discharging	248	15 9	481	15 5	37	17 10	..						
Gross profit—To Profit and Loss Account	141,862	3 11	78,454	11 9	20,078	4 5		152,652	8 11	87,926	5 6	21,697	11 7
	10,790	5 0	9,471	13 9	1,619	7 2							
	152,652	8 11	87,926	5 6	21,697	11 7							

DEPOT PROFIT AND LOSS ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 1931.

Dr.	WELLINGTON.		CHRISTCHURCH.		WANGANUI.		Cr.	WELLINGTON.		CHRISTCHURCH.		WANGANUI.	
	£	s. d.	£	s. d.	£	s. d.		£	s. d.	£	s. d.	£	s. d.
To Wages	2,020	9 11	1,900	19 9	341	9 6	By Gross profit from Trading Account	10,790	5 0	9,471	13 9	1,619	7 2
Salaries	1,434	2 7	1,017	9 4	440	3 4	Net loss—To General Profit and Loss Account	..	..	..	..	102	8 3
Rents	486	0 0	116	0 0	201	0 0							
Interest	381	2 10	195	12 5	29	6 8							
Travelling expenses and allowances	24	17 9	5	1 0	20	11 7							
Repairs and maintenance	340	9 0	410	0 5	60	16 1							
Postages and telegrams	50	14 2	69	16 5	38	6 8							
Printing and stationery	74	0 3	82	2 3	15	15 11							
Insurances	172	11 7	56	7 5	31	7 5							
Cartage	3,894	9 8	2,241	4 5	327	8 2							
Sacks	100	19 9	162	19 0	4	17 9							
Freights	60	4 10	16	18 10	2	3 1							
General expenses	897	3 5	133	2 4	40	9 5							
Audit fees	57	0 0	57	0 0	9	0 0							
Superannuation Fund subsidy	44	19 1	31	5 5	13	10 7							
Reserve for bad debts	11	18 1	116	0 2	13	10 7							
Depreciation	657	11 3	753	12 7	145	9 3							
Net profit—To General Profit and Loss Account	10,708	14 2	7,365	11 9	1,721	15 5		10,790	5 0	9,471	13 9	1,721	15 5
	81	10 10	2,106	2 0	..	..					
	10,790	5 0	9,471	13 9	1,721	15 5							

NEW ZEALAND STATE COAL-MINES—continued.
STATEMENT OF COLLIERY PROPERTY ACCOUNTS AS AT 31ST MARCH, 1931.

	LIVERPOOL.			JAMES.			MACDONALD.			TOTALS.		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
Development and Property Account—												
Balance at 1st April, 1930	58,388	16	8	29,667	16	11	86,440	16	1			
Additions during the year	924	5	11	174	10	4	878	19	3			
Depreciation	59,313	2	7	29,842	7	3	87,319	15	4			
	1,756	12	3	2,561	11	2	165	14	8	87,154	0	8
				57,556	10	4				171,991	7	1
Electrical Plant Account—												
Balance at 1st April, 1930				5,510	12	7						
Additions during the year				136	12	1						
Less transferred to plant, buildings, &c., on hire				5,647	4	8						
				121	19	0						
Depreciation				5,525	5	8						
				518	14	10						
				5,006	10	10				5,006	10	10
Machinery, plant, ropes, and rolling-stock—												
Balance at 1st April, 1930	32,334	8	11	5,355	3	9						
Less transferred to plant, buildings, &c., on hire				18	7	6						
Plant on hire returned	32,334	8	11	5,336	16	3						
Additions during the year	587	18	2	736	13	5						
	5,406	14	11									
Sales	38,329	2	0	6,073	9	8						
	143	14	6	6	0	0						
Depreciation	38,185	7	6	6,067	9	8						
	4,212	16	1	992	17	11						
Less provisionally written off	33,972	11	5	5,074	11	9						
	119	17	6	0	18	3						
				33,852	13	11				5,073	13	6
Buildings at mine—												
Balance at 1st April, 1930	3,737	13	6	1,637	7	6	479	17	3			
Additions during the year	1,089	8	7									
Depreciation	4,827	2	1	1,637	7	6	479	17	3			
	258	2	6	104	18	11	17	7	10			
Transferred to Cottages Account	4,568	19	7	1,532	8	7	462	9	5			
							462	9	5			
Carried forward				95,978	3	10				87,154	0	8
							38,893	9	0			
										222,025	13	6

NEW ZEALAND STATE COAL-MINES—continued.
STATEMENT OF COLLIERY PROPERTY ACCOUNTS AS AT 31ST MARCH, 1931—continued.

	LIVERPOOL.		JAMES.		MacDONALD.		TOTALS.	
	£	s. d.	£	s. d.	£	s. d.	£	s. d.
Brought forward .. .. .	..	95,978 3 10	..	38,893 9 0	..	87,154 0 8	..	222,025 13 6
Costages at mine—								
Balance at 1st April, 1930	4,557	0 0	..	..	1,830	5 6	..	..
Additions during the year	26	12 7	..	..	14	13 5	..	..
Less sales and recoveries during the year	4,583	12 7	..	..	1,844	18 11	..	..
	160	0 0	..	..	36	1 5	..	..
Depreciation	4,423	12 7	..	..	1,808	17 6	..	..
	370	0 0	..	..	65	10 10	..	..
Transferred from Buildings Account	4,053	12 7	..	..	1,743	6 8	..	..
	..	..	..	..	462	9 5	..	..
Plantation at mine—Balance at 1st April, 1930 .. .. .	..	..	..	..	..	..	2,205	16 1
	..	..	..	..	..	..	910	5 5
Coal (stock on hand at mine, wharf, and afloat)	8,787	14 1	..	138	15 9	..	..	1,628
Stores (stock on hand)	53	3 4	..	..	..	..	..	4 11
Less provisionally written off .. .. .	..	..	..	..	..	..	..	8,734
	..	..	..	..	..	..	..	10 9
	£111,851	14 0	£39,032	4 9	£90,270	2 2	£241,154	0 11

STATEMENT OF DEPOT PROPERTY ACCOUNTS AS AT 31ST MARCH, 1931.

	WELLINGTON.		CHRISTCHURCH.		WANGANUI.		TOTALS.	
	£	s. d.	£	s. d.	£	s. d.	£	s. d.
Depot Property Account—								
Balance at 1st April, 1930	9,687	2 6	5,041	6 4	769	17 9	..	..
Additions during the year	5	18 0	3	11 6	0	14 0	..	..
Depreciation	9,693	0 6	5,044	17 10	770	11 9	..	..
	655	2 0	753	12 7	145	9 3	..	..
Less sales	9,037	18 6	4,291	5 3	625	2 6	..	..
Less provisionally written off .. .. .	..	..	15	10 0	..	..	..	..
	2	9 3	..	..	..	..	..	..
Stocks and stores on hand	22,553	17 3	12,210	0 0	1,043	10 3	625	2 6
Less provisionally written off	354	4 7	1,877	12 0	42	19 7	1,000	10 8

	22,199	12 8	10,332	8 0	1,000	10 8	1,000	10 8
	£31,235	1 11	£14,608	3 3	£1,625	13 2	£47,468	18 4

NEW ZEALAND STATE COAL-MINES—*continued.*

GENERAL PROFIT AND LOSS ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 1931.

<i>Dr.</i>			<i>Cr.</i>		
To Net loss—	£	s. d.	By Net profit—	£	s. d.
Liverpool Colliery	4,618	18 1	James Colliery	242	15 5
MacDonald Colliery	2,145	12 5	Christchurch Depot	2,106	2 0
Wanganui Depot	102	8 3	Wellington Depot	81	10 10
Balance—Profit for year, carried down	7,995	1 11	Net recoveries—		
			Seddonville Colliery	64	7 4
			Royalties	4,581	3 11
			Charming Creek area	93	9 6
			Net revenue from hire of plant, equipment, &c.	69	2 2
			Interest on investments		
				7,238	11 2
				7,623	9 6
				£14,862	0 8
To Sinking Fund Account for redemption of loan capital	£	s. d.	By Balance—Profit for year 1930-31	£	s. d.
.. ..	7,632	4 11	.. ..	7,995	1 11
Balance—Net profit for year	362	17 0			
	£7,995	1 11		£7,995	1 11

NEW ZEALAND STATE COAL-MINES—*continued.*

STATEMENT OF RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31ST MARCH, 1931.

<i>Receipts.</i>				<i>Payments.</i>							
To	Cash in Public Account at	£	s. d.	£	s. d.	By	James Colliery—	£	s. d.	£	s. d.
	31st March, 1930	..	..	8,256	13 0		Property and development	106	1 4		
	Proceeds of sale of coal, &c.	271,939	10 3				Wages	23,372	12 8		
	Recoveries, refunds, &c.	16,348	16 2				Special rate	182	19 3		
				288,288	6 5		Coal purchased	89	7 8		
	Contracts—Deposits	..	..				Subsidized bus-fares	357	4 0		
	Interest .. .. .	..	..	2,308	0 9		Electric power	572	4 7		
	Investments realized	..	..	14,000	0 0					24,680	9 6
	Dishonoured cheques recredited	..	..	418	16 9		Liverpool Colliery—				
	Repayment of housing loans	..	..	874	12 0		Property and development	710	2 8		
							Machinery, plant, and				
							rolling-stock	418	15 4		
							Buildings	607	11 11		
							Stores and materials	25,786	0 8		
							Wages	78,924	9 7		
							Special rate	933	1 11		
							Railway tickets	2,244	11 3		
							Coal purchased	147	18 3		
										109,772	11 7
							MacDonald Colliery—				
							Property and development	3	14 0		
							Cottages	14	13 5		
										18	7 5
							Housing loans .. .. .	..	..	2,100	0 0
							Prospecting on State Coal				
							Reserve	1,410	2 3		
							Seddonville Colliery Account	50	0 0		
							Wellington Depot Account ..	18,759	2 4		
							Christchurch Depot Account	37,269	12 7		
							Wanganui Depot Account ..	3,257	7 2		
							Coal purchased on account of				
							depots (Suspense Account)	4,867	8 9		
							Cargo adjustments (co-opera-				
							tive coal)	5	12 0		
										65,619	5 1
							Superannuation Fund subsidy	..	..	297	3 10
							Management and office salaries	6,334	18 5		
							Interest	6,178	17 4		
							Travelling-expenses	104	11 6		
							Printing and stationery	255	7 7		
							Repairs and maintenance	4,383	5 9		
							Wharfage	3,348	3 6		
							Railway haulage	15,163	1 11		
							Marine freights	58,675	11 5		
							Postages and telegrams	263	4 10		
							Insurances	46	18 9		
							Rents	91	19 0		
							Compensation	3,270	9 0		
							Coal-miners' Relief Fund	364	4 9		
							General expenses	1,026	2 5		
							Investments—general	2,500	0 0		
							Sinking Fund instalment	7,632	4 11		
							Audit fees	127	0 0		
							Cheques dishonoured	382	1 9		
							Receiver-General's Deposit				
							Account	30	0 0		
										110,178	2 10
							Cash in Public Account at				
							31st March, 1931	1,502	19 4		
							Imprests outstanding	7	9 4		
										1,510	8 8
										<u>£314,176</u>	<u>8 11</u>
										<u>£314,176</u>	<u>8 11</u>

NEW ZEALAND STATE COAL-MINES—*continued.*

TABLE SHOWING THE POSITION OF THE STATE COAL-MINES ACCOUNT FROM INCEPTION TO 31ST MARCH, 1931.

Name of Works.	Total Capital Expenditure.		Total Amount of Depreciation written off.		Assets as per Balance-sheet, 1931.		Net Profits.		Net Losses.		Liabilities as per Balance-sheet, 1931.	
	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.
Point Elizabeth Colliery ..	98,210	9 0										
Less sales and loss by fire ..	2,291	6 11										
	95,919	2 1	95,919	2 1	..		147,583	4 11	..		..
Liverpool Colliery ..	310,762	6 7										
Less sales and loss by fire ..	4,634	18 10										
	306,127	7 9	204,499	13 8	101,627	14 1	59,791	5 0	..		11,242	18 0
Seddonville Colliery ..	38,243	2 5										
Less sales ..	548	17 0										
	37,694	5 5	37,694	5 5	..		..		37,300	10 10	..	
Briquette-works property ..	16,135	2 6										
Less sales of plant ..	2,066	5 0										
	14,068	17 6	14,068	17 6	..		..		22,660	18 10	..	
Prospecting on State Coal Reserve	1,666	10 1	389	4 0	1,277	6 1	..		..		..
Plant, buildings, &c., on hire ..	4,631	12 1	1,786	1 5	2,845	10 8	96	12 0	..		..
Charming Creek prospecting ..	5,956	18 6	5,956	18 6	..		..		5,843	17 2	..	
James Colliery ..	68,978	10 8										
Less sales and transfers, &c.	933	19 1										
	68,044	11 7	29,151	2 7	38,893	9 0	3,124	14 2	..		5,735	11 1
MacDonald Colliery ..	93,600	4 11	3,330	2 9	90,270	2 2	..		5,005	3 9	..	
Wellington Depot property ..	18,975	10 1										
Less sales and transfers ..	863	14 9										
	18,111	15 4	9,076	6 1	9,035	9 3	..		2,456	18 0	765	2 5
Christchurch Depot property	13,416	2 6										
Less sales and loss on horses	269	9 0										
	13,146	13 6	8,870	18 3	4,275	15 3	11,679	8 10	..		3,035	1 0
Wanganui Depot property ..	3,732	9 3										
Less sales and loss on horses	174	12 5										
	3,557	16 10	2,932	14 4	625	2 6	..		908	4 4	156	6 0
Dunedin Depot property ..	2,023	3 7										
Less sale of plant ..	641	10 0										
	1,381	13 7	1,381	13 7	..		..		4,248	3 5	..	
Hulks property ..	4,033	15 5										
Less sales ..	1,948	17 0										
	2,084	18 5	2,084	18 5	..		1,786	12 11	..		..
Office furniture ..	189	13 9										
Less sales ..	17	5 0										
	172	8 9	172	8 9	..		..		172	8 9	..	
Grand total ..	680,555	11 4										
Less losses and sales	14,390	15 0										
	666,164	16 4	417,314	7 4	248,850	9 0	..		..		..
Royalties (from 1/4/28 only) ..	..	..	..	..	..		12,402	16 10	..		..
Interest on investments ..	..	..	..	..	..		29,376	5 4	..		..
Discounts ..	..	..	..	..	..		13	2 9	..		..
Cash lost (highway robbery) ..	..	..	..	..	..		..		89	0 1	..	
Totals, profit and loss ..	..	..	..	..	..		265,854	2 9	78,685	5 2	..	
Balance, profits over losses ..	..	..	..	..	..		..		187,168	17 7	..	
	..	..	..	..	..		265,854	2 9	265,854	2 9	..	
Stocks on hand less provisionally written off	..	..	..	..	43,895	7 0	..		..		..
Investments (ordinary) ..	..	..	..	..	39,300	0 0	..		..		..
Carried forward ..	..	..	..	..	332,045	16 0	..		..		20,934	18 6

NEW ZEALAND STATE-COAL MINES—*continued.*TABLE SHOWING THE POSITION OF THE STATE COAL-MINES ACCOUNT FROM INCEPTION TO
31ST MARCH, 1931—*continued.*

Name of Works.	Total Capital Expenditure.		Total Amount of Depreciation written off.		Assets as per Balance-sheet, 1931.		Net Profits.		Net Losses.		Liabilities as per Balance-sheet, 1931.	
	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.
Brought forward	332,045	16 0	..	..	..	..	20,934	18 6
Interest on investments accrued	352	12 6	..	..	..	..	..	..
Sinking Fund investments	7,738	13 0	..	..	..	..	..	..
Sundry debtors	27,788	17 4	..	..	..	..	..	..
Cash in Public Account	1,502	19 4	..	..	..	..	..	..
Imprests outstanding	7	9 4	..	..	..	..	..	..
Cash in Receiver-General's De- posit Account	1,140	0 0	..	..	..	..	..	..
Housing advances to workmen and accrued interest	9,424	5 10	..	..	..	..	..	..
Loan Account	149,383	6 8
Bad-debts Reserve	761	6 5
Accrued interest payable	2,261	19 2
Sinking Fund	7,738	13 0
General Reserve	190,675	4 2
General Profit and Loss Account	362	17 0
Deposits on contracts	1,140	0 0
Accident Insurance Reserve	6,742	8 5
					380,000	13 4					380,000	13 4

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