

1928.
NEW ZEALAND.

STATE COAL-MINES
(REPORT ON THE WORKING OF) FOR THE YEAR ENDED 31ST MARCH, 1928.

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,—16th April, 1928.
I have the honour to submit my annual report on the working of the State coal-mines for the year ended 31st March, 1928.

LIVERPOOL COLLIERY.

Coal-winning.—The gross total output of coal for the year was 143,889 tons 14 cwt., a reduction of 7,290 tons 3 cwt. when compared with the figures of last year. After making allowance for stocks on hand at the beginning of the year, and deducting mine consumption and waste, there remained for disposal 142,985 tons 19 cwt., which is accounted for as follows:—

			Screened.			Unscreened.			Small.			Total.		
			Tons.	cwt.	qr.	Tons.	cwt.	qr.	Tons.	cwt.	qr.	Tons.	cwt.	qr.
Export	..	..	10,720	2	0	36,112	5	0	30,019	18	0	76,852	5	0
Rail to Canterbury	..	..	9,134	8	1	27,981	11	1	8,791	5	3	45,907	5	1
Local sales	..	..	6,967	13	2	979	0	1	3,791	4	1	11,737	18	0
Mine sales	..	..	..	..	..	158	12	1	..	..	..	158	12	1
Sold to workmen	..	..	..	..	..	1,916	10	0	..	..	..	1,916	10	0
Stock in bin	..	..	..	..	..	5,084	15	2	600	0	0	5,684	15	2
Stock on wharf	..	..	597	0	0	..	..	..	131	13	0	728	13	0
			27,419	3	3	72,232	14	1	43,334	1	0	142,985	19	0
Used on works	..	..	..	..	..	5,432	16	0	..	..	..	5,432	16	0
Waste	..	..	..	..	..	1,276	18	0	..	..	..	1,276	18	0
Totals	..	..	27,419	3	3	78,942	8	1	43,334	1	0	149,695	13	0

The gross total output from this colliery since its inception amounts to 1,795,193 tons 13 cwt.

Days worked. During the year the No. 1 mine worked 201 days 5 hours, and the No. 2 mine 205 days 5 hours. The difference between the days worked and the possible working-days, exclusive of 51 pay and back Saturdays, is accounted for as follows:—

	No. 1 Mine.	No. 2 Mine.
	Dys. Hrs.	Dys. Hrs.
Union holidays	17 0	17 0
Delays to shipping due to bad weather and bar conditions ..	30 0	30 0
Breakdown to bin machinery	0 3	0 3
Slip on railway-line	1 0	1 0
Strike <i>re</i> lamps being stopped	1 0	1 0
No steam in change and bath house at No. 1 mine	2 0	..
Too wet for men to walk from change and bath house to the mine ..	..	1 0
Funeral of last Dobson victim	1 0	1 0
Slip on electric-power line at the mine	1 0	1 0
Stop-work meeting	1 0	1 0
Fall of roof on haulage-road	3 0	..
Extra holidays taken during Christmas period	2 0	2 0
	59 3	55 3

The days worked at the No. 1 mine are 13½ less than the previous year, and the No. 2 Mine 9½ less.

Employees. In connection with coal-winning the average number of persons employed in and about the mine was 373, made up as follows: Underground—Coal-hewers, 134; deputies, shiftmen, and truckers, 134. On the surface 74 men and 31 boys. In addition to those employed under the head of "Coal-winning" there were on an average 4 men employed on development work, making a total number for the colliery of 346 men and 31 boys.

Payments. The total payments made in connection with coal-winning for wages, stores, mine timber, and compensation amounted to £98,974 18s., an increase of £5,194 9s. 2d. compared with the previous year. In addition to the amount expended on coal-winning, £994 1s. was expended on development work.

Coal-hewers' Average Daily Earnings. The coal-hewers' average daily earnings (gross) were £1 9s., and after making deduction for stores (explosives) the net return was £1 6s. 2d., an increase of 1s. 5d. per day compared with the previous year.

Daily Output.—The average daily mine output was 708 tons, as compared with 703 tons for the previous year. The coal-hewers' average daily output was 5 tons 12 cwt., a decrease of 4 cwt. compared with the previous year.

Days worked by Coal-hewers. The total number of days that could have been worked by coal-hewers was 31,668, the number worked was 25,617, and the number lost, including those lost through sickness, was 6,051. In the latter are included 3,352 days that were lost owing to the miners refusing to work on back Saturdays.

Deficiencies. The total amount paid under the minimum-wage clause during the year was £772 18s. 6d. This works out to a cost of 1.30d. per ton.

Underground Workings. At this colliery two mines, known as Nos. 1 and 2, are being worked, the bulk of the output during the year being obtained from the latter. In the former mine no new development has been carried out, operations being confined to the extraction of pillars, also the splitting of very large ones near the mine-entrance preparatory to extracting. Formerly, two seams, known as the top and Morgan seams, were worked at this colliery, but at the present time only the top one is being worked. The Morgan seam from the present mine-entrance was worked out by September last.

No. 2 Mine.—At this mine three seams, known as the Anderson, Kimbell, and Morgan, are being worked.

In the Anderson seam all work in the solid is practically completed, and preparations have been made for the extraction of pillars.

In the Kimbell seam development work is confined to the east level section, also a small section to the rise off the west level. The east level is now in a distance of 26 chains from the main haulage-road, and from which rise headings are driven. As these headings reach a point about 8 chains from the level, the seam becomes so intersected with stone bands as to render it unworkable. The west level, which is in a distance of 20 chains from the main haulage-road, is stopped at Tararu Creek fault. This fault has a displacement of several hundred feet, therefore there are no prospects of further development in this direction. From this level also rise headings are being driven, but the time is not far distant when they will reach the line where the seam becomes unworkable through the same cause as on the east side.

Morgan Seam: At 19 chains from the main haulage-road the west level is stopped at the Tararu Creek fault. This fault is the same one as that encountered in the Kimbell west level, therefore there are no prospects of further development in that direction. The east level is now in a distance of 24 chains from the main haulage-road, and is still being developed. From these levels rise headings are in the course of being driven, and eventually will connect with the Morgan-seam workings at the No. 1 mine.

Stone-dusting.—To comply with the regulations under the Coal-mines Act, 1925, it is now necessary that the roof, floor, and sides of every roadway or part of a road which is accessible shall be treated either with incombustible dust or water in order to render the dust adhering thereto non-inflammable. At these mines incombustible dust is used consisting of finely ground agricultural lime, 78 tons of which have been used during the year. The various roadways, &c., are marked off in zones, and from the various zones 371 samples have been taken and analysed. Any zone not complying with the regulations is re-dusted. In addition to the analysing of samples from these mines, forty-one samples from co-operative mines were also tested.

Surface Work.—The plant and machinery in and about the mine has been maintained in efficient working-order, and during the year the following new plant and buildings have been erected: (a) The installing and housing of an additional Babcock and Wilcox boiler at the middle brake power-house, also the fitting of same with a Wilton patent furnace; (b) the removal of all plant and machinery from the old workshop at Dunollie, and the re-erecting of it in what was formerly the No. 3 mine change and bath house, situated near the storage bin; (c) the erecting of a separate power-line between the middle brake power-house and the No. 2 mine fan, also the installing of larger pulleys on the fan shaft and motor. This fan is now capable of producing over 100,000 cubic feet of air per minute; (d) the installation of a plant for carrying out coal-analysis, also determining moisture and combustibility in mine dust; and (e) the erecting of an adjustable loading-jib for the prevention of breakage of coal when being loaded into wagons.

Accidents.—Several minor accidents occurred during the year. There were no accidents of a serious nature. The weekly payments made under the provisions of the Worker's Compensation Act, being at the rate of $66\frac{2}{3}$ per cent. of the wages earned prior to the accident, amounted to £3,143 6s. 4d. On the output produced for the year this works out to a cost of 5·24d. per ton.

Housing.—In my last annual report reference was made to the housing scheme introduced by the Department, whereby miners could borrow up to £300 to enable them to build their own houses. Up to the 31st March last seventeen houses have been built at Runanga, and three others are in the course of erection. The scheme under which these houses have been built has been most satisfactory to all concerned.

JAMES COLLIERY.

Coal-winning.—The gross total output for the year was 41,344 tons 19 cwt., an increase of 6,839 tons 18 cwt. compared with the previous year. After making allowance for stocks on hand at the beginning of the year, and deducting mine consumption and waste, there remained for disposal 40,048 tons 19 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 ..	14,265 3 0	98 6 0	584 18 0	8,411 12 0	23,359 19 0
Rail, Canterbury ..	12,618 4 1	39 1 2	216 18 3	58 5 1	12,932 9 3
Local sales ..	404 11 2	39 9 2	120 3 2	1,103 3 1	1,667 7 3
Sold to workmen ..	..	484 0 0	..	..	484 0 0
Stock in bin ..	..	..	305 12 2	200 0 0	505 12 2
Stock on wharf ..	81 0 0	..	..	168 10 0	249 10 0
Stock in dump ..	..	..	..	850 0 0	850 0 0
	27,368 18 3	660 17 0	1,227 12 3	10,791 10 2	40,048 19 0
Used on works ..	..	..	3,350 0 0	..	3,350 0 0
Waste ..	..	852 6 0	..	..	852 6 0
Totals ..	27,368 18 3	1,513 3 0	4,577 12 3	10,791 10 2	44,251 5 0

The gross output from this colliery since its inception amounts to 160,379 tons 6 cwt.

Days worked.—The mine during the year worked on 225 days, being $10\frac{1}{2}$ days less than the previous year. The difference between the days worked and the possible working-days is accounted for as follows: Union holidays, 17; non-union holidays, 3; stop-work meeting, 1; funeral last Dobson victim, 1; delays to shipping, 3; want of wagons, $7\frac{1}{2}$; breakdown of machinery, $2\frac{1}{2}$; lack of water for boilers, 1: total, 36 days. In addition, the mine did not work on pay Saturdays (26) and back Saturdays (25).

Employees.—In connection with coal-winning the average number of persons employed was 77, made up as follows: Underground—Coal-hewers, 37; deputies, shiftmen, and truckers, 25. On the surface—13 men and 2 boys. In addition to those employed under the head of "Coal-winning" there were on an average 5 men employed on development work, making a total for the colliery of 80 men and 2 boys.

Payments.—The total payments made in connection with coal-winning for wages, stores, mine timber, and compensation amounted to £24,454 18s. 6d., an increase of £2,502 6s. 10d. as compared with the previous year. In addition to the amount expended on coal-winning, £1,448 2s. 7d. was expended on development work.

Coal-hewers' Average Daily Earnings.—The coal-hewers' average daily earnings (gross) were £1 9s. 0·72d., and after deducting stores (explosives) the net return was £1 3s. 5·11d., an increase of 1s. 3d. per day compared with the previous year.

Days worked by Coal-hewers.—The total number of days that could have been worked by coal-hewers was 9,471, the days worked were 7,932½, and the number lost, including those lost through sickness and not working on back Saturdays, was 1,538½.

Daily Output.—The average daily mine output was 183 tons 15 cwt., an increase of 37 tons 5 cwt. per day as compared with the previous year. The daily average output per coal-hewer was 5 tons 4 cwt., an increase of 9 cwt. over last year.

Deficiencies.—The total amount paid under the minimum-wage clause during the year was £507 3s. 2d. This works out to a cost of 2·94d. per ton.

Underground Development.—During the past year the principal work in connection with coal-winning has been carried out in the extension of the main-heading section. The main headings were extended a distance of approximately 10 chains. From these headings other places are being driven in an easterly direction, and from which coal of excellent quality has been produced. In the extension of the main and companion headings the seam has been fairly uniform in quality and thickness, but somewhat variable in gradient. In the course of driving the first 6 chains the headings were practically on the strike of the seam, but contained a steep dip from right to left across the faces. In driving the last 4 chains the seam commenced to rise in the direction the headings are being driven. This gradient gradually increased, and at the present time it is lying at an angle of approximately 45 degrees. These headings are now within 4 chains of connecting with the outcrops on the banks of Cannel Creek. Between these two points there is a difference in level of 90 ft., the outcrops at Cannel Creek being so much higher. The present indications are that there is either a displacement between these two points or the seam from the present face of the headings will require to rise at a gradient of 1 in 3 to connect with the outcrops. In conjunction with the development of the main-heading section three other small sections are worked, and from which pillars are being extracted.

Electrification.—At the present time the power plant at this colliery consists of two very old Colonial under-fired boilers, one straight-line self-contained air-compressor, and one 15-horse-power direct-current generating set. This plant is being run to its full capacity, and as the various works extend will soon be inadequate to meet the mine requirements. The question of purchasing new plant has been carefully considered, and in view of the scattered nature of the field it has been decided to adopt electricity instead of steam and compressed air. Another matter carefully considered was whether power should be generated at the mine or obtained from the Grey Electric-power Board. To purchase and install a modern generating set the capital outlay would be rather high, therefore in order to avoid this expenditure it was deemed advisable to take power from the Grey Electric-power Board. Work in connection with the electrification is now well in hand and some of the necessary equipment has already arrived at the mine.

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 £262 11s. 7d. On the output produced this works out to a cost of 1·55d. per ton.

Future Developments.—The main heading is now within 4 chains of connecting with the coal outcrops on the banks of Cannel Creek. These outcrops vary from 7 ft. to 9 ft. in thickness. The development of the field will in the future be confined to this locality, where exploration work is now being carried on. At the present time it is doubtful whether the mine workings from the main-heading section will connect with the outcrops on the east bank of Cannel Creek. The old dip and east level sections encountered a fault which ran approximately parallel with the main heading. If this fault continues through into Cannel Creek it will be necessary either to connect the outcrops referred to by means of an outside tram from where the main heading connects with Cannel Creek or construct a stone drive from the present workings in the main-heading section. The work so far done in connection with the winning of coal from the districts already opened, also from exploration work carried out, shows that the field is broken up into a series of small basins. In the centre of the basins the coal is generally of good quality, but towards the edges it becomes thin and intersected with stone and pyrites. The undesirable features here referred to render the continuation of exploratory and development work imperative.

GENERAL.

The output from the Liverpool Colliery is 7,290 tons 3 cwt. less than the previous year, but the James Mine output shows an increase of 6,839 tons 18 cwt. The loss in output at the Liverpool Colliery is due to the number of working-days being less than those of the previous year. Although the output from the Liverpool Colliery and the number of working-days are less than those of the previous year, the payments made for wages, stores, mine timber, and compensation are higher by £5,194 9s. 2d. This increase is due to the bulk of the output now being obtained from the No. 2 mine, where solid tonnage rates and yardage rates have to be paid. The reduction of working-time has always had a serious effect not only on the output, but on the general average cost of production, for it must be noted that the maintenance of the mines has to be attended to whether full time or otherwise is worked.

Accompanying are copies of the plans of the Liverpool and James Mine workings.

In conclusion, I wish to state that all the officers in all branches have performed their duties in a satisfactory manner. 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, 1928.

<i>Dr.</i>	LIVERPOOL.	JAMES.	<i>Cr.</i>	LIVERPOOL.	JAMES.
	£ s. d.	£ s. d.		£ s. d.	£ s. d.
To Stocks on hand, 1st April, 1927	5,280 10 6	1,083 1 2	By Sales of coal	185,486 8 2	55,964 19 7
Coal-winning—			Sales of stores, power, &c...	8,778 16 8	..
Wages	82,564 0 11	22,583 9 5	Stocks of coal on hand at		
Stores and materials used	7,117 18 8	924 9 5	31st March, 1928, at mine,		
Railway tickets ..	861 7 11	..	wharf, and afloat ..	6,337 18 5	535 2 2
Subsidized bus fares, &c...	..	284 16 6			
Stores sales (at cost) ..	7,798 3 3	..			
Coal purchased ..	346 18 1	251 17 10			
Special rate	823 12 0	263 16 3			
Royalty	..	527 12 6			
	104,792 11 4	25,919 3 1			
Gross profit—To Profit and					
Loss Account	95,810 11 11	30,580 18 8			
	£200,603 3 3	£56,500 1 9		£200,603 3 3	£56,500 1 9

COLLIERY PROFIT AND LOSS ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 1928.

<i>Dr.</i>	LIVERPOOL.	JAMES.	<i>Cr.</i>	LIVERPOOL.	JAMES.
	£ s. d.	£ s. d.		£ s. d.	£ s. d.
To Salaries	3,026 4 10	921 2 7	By Gross profit at mine ..	95,810 11 11	30,580 18 8
Rent	..	17 13 0	Rents	497 16 6	..
Interest	4,309 3 7	1,591 7 0			
Travelling-expenses ..	133 7 9	41 15 6			
Printing and stationery ..	195 17 2	58 9 5			
Repairs and maintenance ..	6,032 3 4	543 15 11			
Telegrams and postages ..	168 6 4	53 13 10			
Railway haulage	12,051 15 11	3,217 17 3			
Insurance	3,542 11 1	901 2 6			
Coal-miners' Relief Fund ..	290 18 3	84 7 3			
General expenses	590 5 2	135 8 5			
Marine freight	43,716 9 9	15,366 10 0			
Audit fees	86 5 0	28 15 0			
Wharfage	2,470 16 0	791 8 9			
Superannuation Fund subsidy	83 14 10	23 19 0			
Stores adjustment and losses	9 10 7	..			
Depreciation—Mine buildings,					
plant and machinery ..	7,491 15 11	2,515 6 2			
Preliminary expenses written	84,199 5 6	26,292 11 7			
off	..	1,103 8 6			
Net profit—Transferred to					
General Profit and Loss	12,109 2 11	3,184 18 7			
Account					
	£96,308 8 5	£30,580 18 8		£96,308 8 5	£30,580 18 8

PLANT, BUILDINGS, ETC., ON HIRE REVENUE ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 1928.

<i>Dr.</i>	£ s. d.	<i>Cr.</i>	£ s. d.
To Interest	160 13 9	By Hire of plant, buildings, &c. ..	569 6 7
Depreciation	374 14 1		
	535 7 10		
Net revenue—Transferred to General			
Profit and Loss Account ..	33 18 9		
	£569 6 7		£569 6 7

DEPOT TRADING ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 1928.

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, 1927	2,347 10 2	6,556 3 0	610 11 3	By Sales of coal	137,184 0 10	91,454 19 10	18,210 18 2
Purchases of coal	126,620 5 6	52,743 4 2	16,248 2 9	Sales of coke, wood, &c. ..	4,674 16 0	1,502 6 0	552 11 3
Purchases of firewood, coke, &c. ..	4,078 6 11	836 8 3	249 13 4	Stocks on hand at 31st March, 1928—			
Wharfage	1,128 8 4			Coal.. ..	3,691 15 5	8,763 10 2	313 5 4
Haulage to depot	629 14 1	35,163 18 10	297 9 8	Firewood, coke, &c. ..	498 7 7	637 4 11	191 13 2
Wages—Discharging	346 7 7	426 19 7	29 13 6				
	135,150 12 7	95,726 13 10	17,435 10 6				
	10,898 7 3	6,631 7 1	1,832 17 5				
Gross profit—To Profit and Loss Account	£146,048 19 10	£102,358 0 11	£19,268 7 11		£146,048 19 10	£102,358 0 11	£19,268 7 11

DEPOT PROFIT AND LOSS ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 1928.

Dr.	WELLINGTON.	CHRISTCHURCH.	WANGANUI.	Cr.	WELLINGTON.	CHRISTCHURCH.	WANGANUI.
	£ s. d.	£ s. d.	£ s. d.		£ s. d.	£ s. d.	£ s. d.
To Wages	1,603 14 8	1,541 16 10	437 19 4	By Gross profit from Trading Account	10,898 7 3	6,631 7 1	1,832 17 5
Salaries	1,529 9 10	1,082 7 3	488 16 5	Net loss—To General Profit and Loss Account			254 11 2
Rents	577 0 0	92 10 0	201 0 0				
Interest	396 8 2	156 2 3	45 15 5				
Travelling expenses and allowances ..	79 0 9	30 13 11	25 13 5				
Repairs and maintenance	548 15 1	395 5 4	127 16 8				
Postages and telegrams	73 17 3	54 6 6	34 16 1				
Printing and stationery	94 7 9	80 13 9	18 5 8				
Insurances	116 8 9	26 1 8	27 4 3				
Cartage	3,385 6 0	1,944 2 11	442 1 4				
Sacks	209 9 2	167 6 11	12 3 0				
Freights	87 13 10	14 13 9	1 7 5				
General expenses	347 12 0	137 11 2	31 16 5				
Audit fees	40 0 0	36 0 0	24 0 0				
Superannuation Fund subsidy	26 12 2	22 15 6	13 7 9				
Reserve for bad debts	72 0 0	100 0 0	10 7 0				
Depreciation	627 2 5	360 19 3	144 18 5				
	9,814 17 10	6,242 7 0	2,087 8 7				
	1,083 9 5	388 0 1					
Net profit—To General Profit and Loss Account	£10,898 7 3	£6,631 7 1	£2,087 8 7		£10,898 7 3	£6,631 7 1	£2,087 8 7

STATEMENT OF COLLIERY PROPERTY ACCOUNTS AS AT 31ST MARCH, 1928.

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	LIVERPOOL.				JAMES.				MACDONALD.				TOTALS.	
	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.
Development and Property Account—														
Balance at 31st March, 1927 ..	66,029	14 2			31,006	16 10			76,978	9 8				
Additions during the year ..	1,182	18 10			1,102	7 6			3,093	4 6				
Depreciation ..	67,212	13 0			32,109	4 4			80,071	14 2				
	3,352	10 10			1,607	4 4			..					
	63,860	2 2			30,502	0 0			80,071	14 2			174,433	16 4
Electricification of James Colliery—														
Balance at 31st March, 1928 ..														
Machinery, plant, ropes, and rolling-stock—														
Balance at 31st March, 1927 ..	32,753	8 11			6,684	13 7			..					
Less transferred to plant, buildings, &c., on hire ..	..				..				..				448	4 0
	..				..				..				..	
Additions during the year ..	32,753	8 11			6,684	13 7			..					
	4,362	11 1			1,100	8 11			..					
Depreciation ..	37,116	0 0			7,785	2 6			..					
	3,481	19 11			836	4 10			..					
Less provisionally written off ..	33,634	0 1			6,948	17 8			..					
	28	17 0			2	16 6			..					
	33,605	3 1			6,946	1 2			..				40,551	4 3
Buildings at mine—														
Balance at 31st March, 1927 ..	4,143	4 5			1,198	3 3			479	17 3				
Additions during the year ..	304	0 2			78	3 1			..					
Depreciation ..	4,447	4 7			1,276	6 4			479	17 3				
	320	9 2			71	17 0			..					
	4,126	15 5			1,204	9 4			479	17 3			5,811	2 0
Cottages at mine—														
Balance at 31st March, 1927 ..	4,213	3 0			..				2,016	2 2				
Additions during the year ..	1,509	15 7			..				..					
Less sales and recoveries during the year ..	5,722	18 7			..				2,016	2 2				
	1,095	0 0			..				51	6 8				
Depreciation ..	4,627	18 7			..				1,964	15 6				
	307	19 0			..				..					
	4,319	19 7			..				1,964	15 6			6,284	15 1
Plantation at mine—														
Balance at 31st March, 1927 ..	1,389	1 11			..				910	5 5				
Additions during the year ..	103	17 1			..				..					
Coal (Stock on hand at mine, wharf, and afloat) ..	..				..				..				2,403	4 5
	..				..				..				6,873	0 7
Stores (stock on hand) ..	7,941	9 5			..				..					
Less provisionally written off ..	257	2 7			..				..					
	7,684	6 10			..				..				7,684	6 10
	£121,427	4 6			£39,635	16 8			£83,426	12 4			£244,489	13 6

GENERAL PROFIT AND LOSS ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 1928.

<i>Dr.</i>			<i>Cr.</i>		
To Net loss—	£	s. d.	By Net profit—	£	s. d.
Wanganui Depot	254	11 2	Liverpool Colliery	12,109	2 11
Balance—Profit for year, carried down ..	21,806	9 11	James Colliery	3,184	18 7
			Christchurch Depot	388	0 1
			Wellington Depot	1,083	9 5
			Net recoveries—		
			Seddonville Colliery	352	8 9
			Point Elizabeth Colliery ..	2,027	8 0
			Net revenue from hire of plant,		
			buildings, &c.	33	18 9
			Interest on investments		
				19,179	6 6
				2,881	14 7
	£22,061	1 1		£22,061	1 1
To Sinking Fund Account for redemption of loan capital	£	s. d.			
Balance—Net profit for year	4,552	0 5	By Balance—Profit for year 1927–28	21,806	9 11
	17,254	9 6			
	£21,806	9 11		£21,806	9 11

BALANCE-SHEET AS AT 31ST MARCH, 1928.

<i>Liabilities.</i>	£	s.	d.	£	s.	d.	<i>Assets.</i>	£	s.	d.	£	s.	d.
Loan under Coal-mines Act, 1908	150,000	0	0				Collieries—						
Loan under Coal-mines Act, 1908, and Appropriation Act, 1912	25,000	0	0				Development and Property Ac- counts	174,433	16	4			
New Zealand Consolidated In- scribed Stock	52,601	0	7				Machinery, plant, ropes, and rolling stock	40,551	4	3			
				227,601	0	7	Buildings at mines	5,811	2	0			
Accrued interest on loan capital	..			3,811	13	11	Cottages at mines	6,284	15	1			
Sundry creditors—							Plantations at mines	2,403	4	5			
Liverpool Colliery	9,310	11	5				Electrification (James Colliery) ..	448	4	0			
James Colliery	4,463	16	7				Coal stocks (bins, wharf, and afloat)	6,873	0	7			
Wellington Depot	1,968	12	10				Stores on hand	7,684	6	10			
Christchurch Depot	2,968	12	8								244,489	13	6
Wanganui Depot	229	19	7				Plant, buildings, &c., on hire	..			3,735	12	5
				18,941	13	1	Depots—						
Deposits on contracts	..			1,015	0	0	Property Accounts	16,470	10	11			
Sinking Fund	..			62,338	7	4	Stocks and stores on hand	14,275	0	0			
Reserves—											30,745	10	11
General Reserve	81,972	2	9				Prospecting on State Coal Reserve ..	..			756	8	8
Bad Debts Reserve	609	18	11				Sinking Fund investments	..			62,338	7	4
Accident Insurance Reserve	4,246	14	9				Housing advances to workmen	4,662	0	3			
				86,828	16	5	Interest accrued due	59	8	5			
General Profit and Loss Account—											4,721	8	8
Net profit for year	..			17,254	9	6	Investments (ordinary)	14,300	0	0			
							Interest accrued due	153	18	2			
											14,453	18	2
							Sundry debtors—						
							Liverpool Colliery	4,876	16	8			
							James Colliery	121	11	5			
							Wellington Depot	19,095	15	4			
							Christchurch Depot	5,062	0	3			
							Wanganui Depot	4,398	14	10			
											33,554	18	6
							Less provisionally written off ..	167	14	0			
											33,387	4	6
							Cash in Receiver-General's Deposit Account ..	..			1,065	0	0
							Cash in Public Account	..			22,097	16	8
											£417,791	0	10
											£417,791	0	10

State Coal-mines Office, Wellington, 12th July, 1928,
A. W. GYLES, A.I.A.N.Z., Accountant.

J. G. COATES,
for Minister of Mines.

I hereby certify that the attached Working and Profit and Loss Accounts of Depots 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, except that in the opinion of the Audit Office interest on capital expenditure on the unopened MacDonald Colliery should be charged to General Profit and Loss Account instead of being capitalized, as development was sufficiently completed several years ago.—G. F. C. CAMPBELL, Controller and Auditor-General.

TABLE SHOWING THE POSITION OF THE STATE COAL-MINES ACCOUNT FROM INCEPTION TO 31ST MARCH, 1928.

Name of Works.	Total Capital Expenditure.	Total Amount of Depreciation written off	Assets as per Balance-sheet, 1928.	Net Profits.	Net Losses.	Liabilities as per Balance-sheet, 1928.
	£ 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 ..	292,511 16 6					
Less sales and loss by fire ..	1,875 0 0					
	290,636 16 6	183,231 17 3	107,404 19 3	66,050 8 10	..	9,310 11 5
Seddonville Colliery ..	38,243 2 5					
Less sales ..	548 17 0					
	37,694 5 5	37,694 5 5	..	..	37,544 7 1	..
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	756 8 8	..	756 8 8	..	..	..
Plant, buildings, &c., on hire ..	4,460 1 0	724 8 7	3,735 12 5	47 10 10	..	..
Charming Creek prospecting ..	5,956 18 6	5,956 18 6	..	..	5,954 11 8	..
James Colliery ..	56,567 2 7	17,466 8 1	39,100 14 6	..	1,886 18 7	4,463 16 7
MacDonald Colliery ..	86,337 10 4	2,910 18 0	83,426 12 4	..	2,859 11 4	..
Wellington Depot property ..	18,875 1 0					
Less sales and transfers ..	863 14 9					
	18,011 6 3	6,986 7 3	11,024 19 0	..	5,015 5 9	1,968 12 10
Christchurch Depot property	11,426 14 7					
Less sales and loss on horses	238 5 0					
	11,188 9 7	6,781 13 0	4,406 16 7	7,746 2 5	..	2,968 12 8
Wanganui Depot property ..	3,702 5 7					
Less sales and loss on horses	169 13 5					
	3,532 12 2	2,493 16 10	1,038 15 4	..	585 13 2	229 19 7
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 ..	639,429 5 5					
Less losses and sales	10,660 14 1					
	628,768 11 4	377,873 13 3	250,894 18 1	..	..	..
Interest on investments ..	..	..	..	11,838 12 10	..	..
Discounts ..	..	..	..	13 2 9	..	..
Cash lost (highway robbery) ..	..	..	..	..	89 0 1	..
Totals, profit and loss ..	..	..	..	235,065 15 6	81,016 18 8	..
Balance, profits over losses ..	..	..	..	..	154,048 16 10	..
				235,065 15 6	235,065 15 6	
Stocks on hand less provisionally written off	..	..	28,832 7 5	..	..	..
Investments (ordinary) ..	..	..	14,300 0 0	..	..	..
Interest on investments accrued	..	..	153 18 2	..	..	..
Sinking Fund investments ..	..	..	62,338 7 4	..	..	..
Sundry debtors ..	..	..	33,387 4 6	..	..	..
Cash in Public Account ..	..	..	22,097 16 8	..	..	..
Cash in Receiver-General's Deposit Account	..	..	1,065 0 0	..	..	..
Housing advances to workmen and accrued interest	..	..	4,721 8 8	..	..	..
Carried forward ..	..	..	417,791 0 10	..	..	18,941 13 1

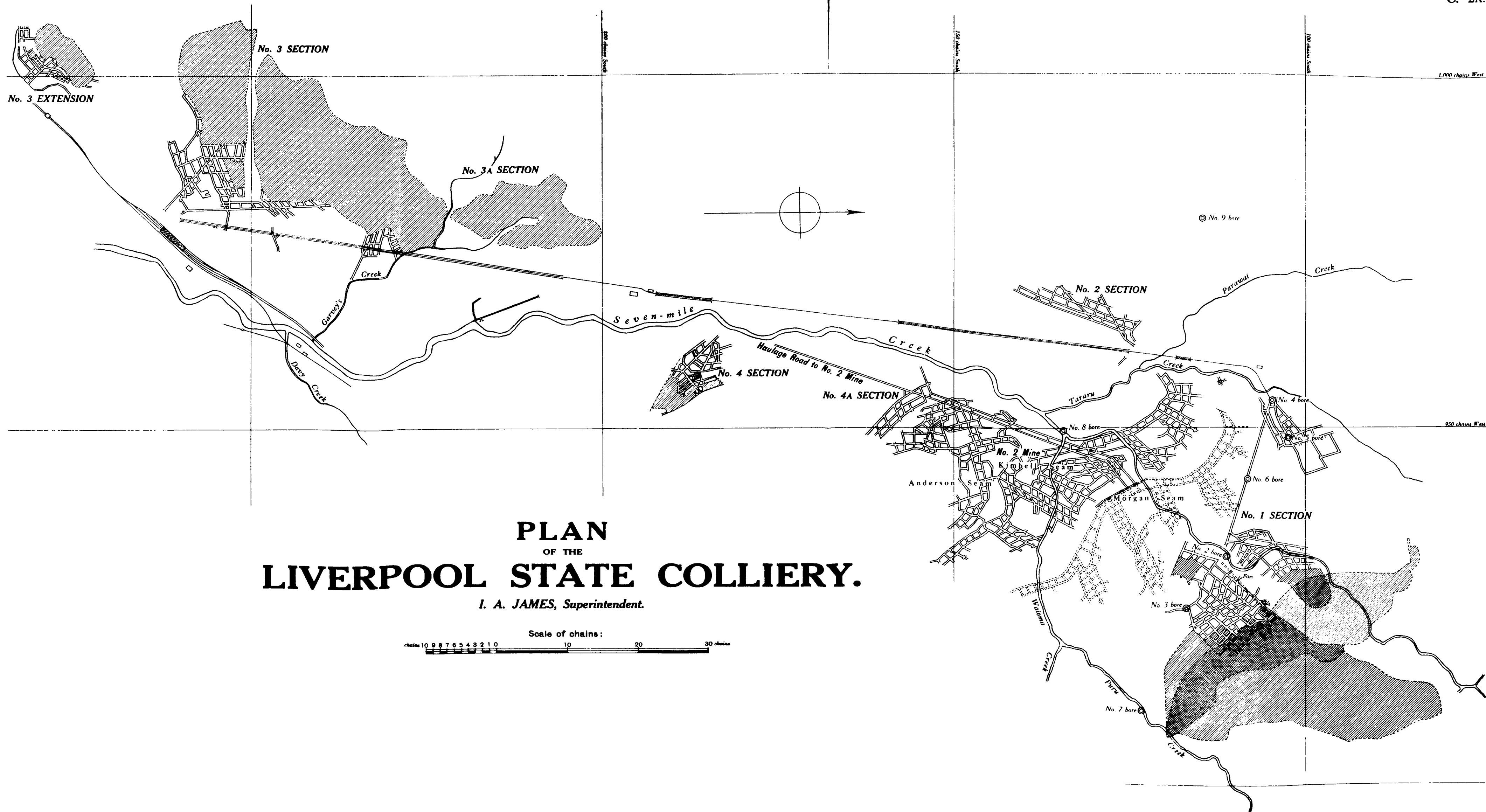
TABLE SHOWING THE POSITION OF THE STATE COAL-MINES ACCOUNT FROM INCEPTION TO 31ST MARCH, 1928—continued.

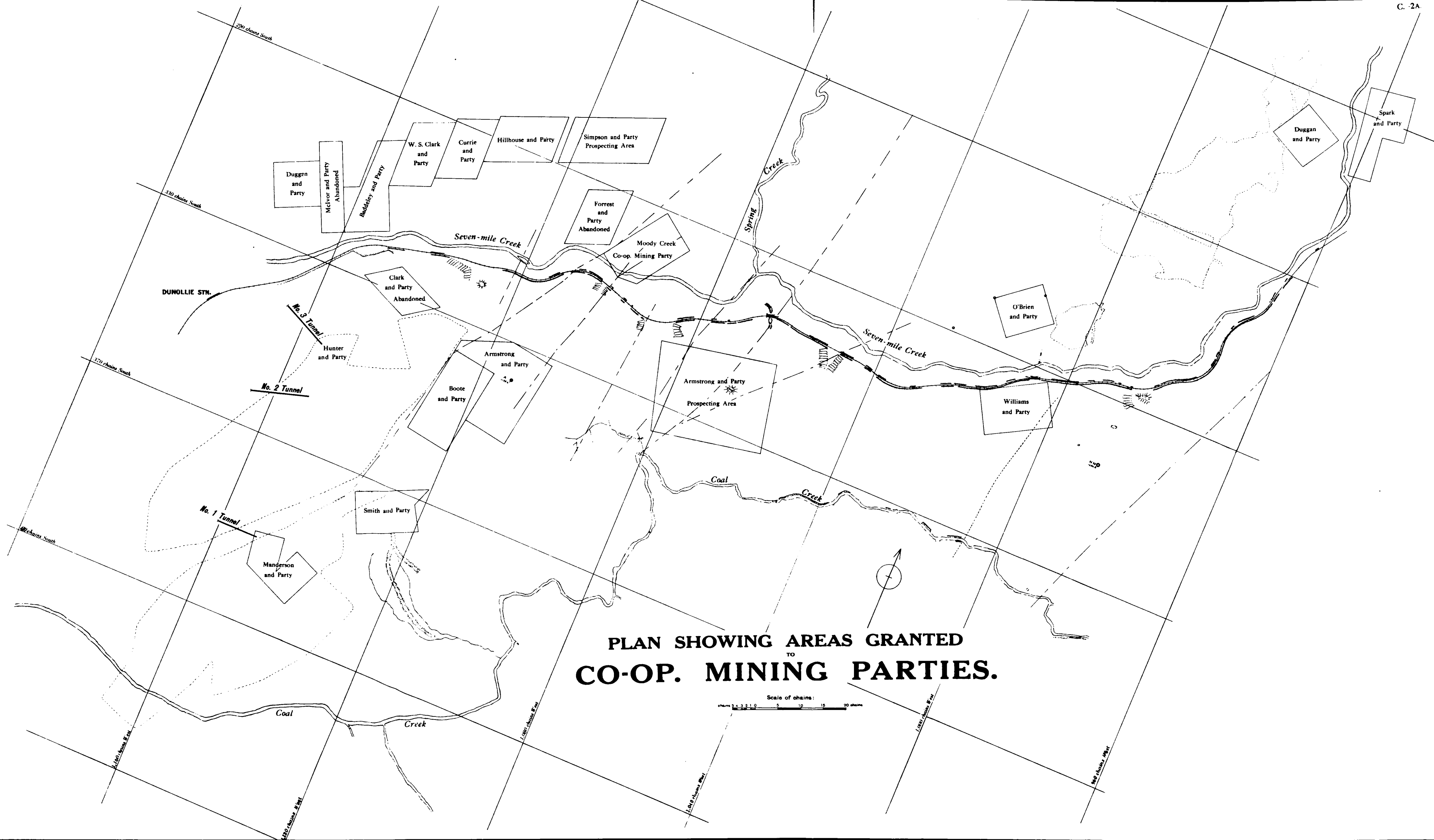
Name of Works.	Total Capital Expenditure.	Total Amount of Depreciation written off.	Assets as per Balance-sheet, 1928.	Net Profits.	Net Losses.	Liabilities as per Balance-sheet, 1928.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward ..	..	..	417,791 0 10	..	..	18,941 13 1
Loan Account ..	..	..	..	..	..	227,601 0 7
Bad-debts Reserve ..	..	..	..	..	..	609 18 11
Accrued interest payable ..	..	..	..	..	..	3,811 13 11
Sinking Fund ..	..	..	..	..	..	62,338 7 4
General Reserve ..	..	..	..	..	..	81,972 2 9
General Profit and Loss Account ..	..	..	..	..	..	17,254 9 6
Deposits on contracts ..	..	..	..	..	..	1,015 0 0
Accident Insurance Reserve ..	..	..	..	..	..	4,246 14 9
			£417,791 0 10			£417,791 0 10

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