



GENL. DATA

1. Cylinders, dia. x stroke	30" x 32"	28. Tubes & Flues, length (in to in of tube sheets)	204"
2. Valve gear	Walschaert	29. Heating surface, tubes & flues	sq.ft. 4071
3. Valves, size and kind	14" Piston	30. " " firebox	" " 360
4. " maximum travel	7"	31. " " total	" " 4431
5. " steam lap	1-1/8"	32. " " superheater	" " 1248
6. " exhaust clearance	Line	33. " " equivalent total	" " 8303
7. " lead in full gear	3/16"	34. Grates, length x width	132" x 114"
8. " out-off in full gear	88%	35. " area	sq.ft. 104.6
9. Rated tractive power	96,300 lbs.	36. Brick arch, type	None
10. Ratio of Adhesion (Wt. on drivers ÷ Trac. Power)	4.02	37. Arch tubes O.D., Ga., Fin. Lgth. over Bd.	None
11. Sharpest curve	16 Deg.	38. Stoker, type	Standard "B"
WEIGHT	Light Wk. Order	AIR BRAKE	
12. Leading truck	26,000 32,480	39. Schedule	W.A.B. 6-ET, KU-6, 1410, Type 21-B
13. Driver, first	70,000 76,500	40. Brake power	49% 188,000 Lbs.
14. " second	70,100 78,000	41. Pumps	2 - 8 $\frac{1}{2}$ " CC
15. " third	70,200 77,200	AXLES	
16. " fourth	70,200 77,600	42. Leading truck	Journal Dia. x Lgth. 7" x 12"
16 $\frac{1}{2}$. " fifth	70,100 77,400	43. Driving, main	" " " 13 $\frac{1}{2}$ " x 14"
17. " total	350,600 386,800	44. " other than main	" " " 11" x 14"
18. Trailing truck	None None	45. Trailing truck	" " " None
19. Total engine	376,600 419,280	TENDER	
20. Tender, front truck	89,200	46. Frame	Commonwealth, Cast Steel
21. " back "	83,400	47. Draft gear	Miner A-79-X
22. " total "	172,600 415,900	48. Brake schedule	W.A.B. 6-ET, 1812, Type "Q"
23. Total engine & tender	549,200 835,180	49. Brake power	97% 168,000 lbs.
BOILER		50. Truck, type	Commonwealth
24. Working pressure, maximum	240 lbs.	51. Axles	7" x 14"
25. Firebox, length x width	132" x 114"	52. Wheels	Steel 36"
26. Tubes, No., O.D., & Gauge	252-2 $\frac{1}{2}$ "-11-B.W.G.	53. Maximum width over cylinders	11' 2"
27. Flues, No., O.D., & Gauge	64-5 $\frac{1}{2}$ "-9-B.W.G.	54. " " " cab, at rivet heads	11' 0"