



GENL. DATA

1. Cylinders, dia. x stroke	22" x 28"	29. Heating surface, tubes	sq.ft. 2098
2. Valve gear	Stephenson	30. " " firebox	" " 191
3. Valves, size & kind	D-Slide	31. " " total	" " 2289
4. " maximum travel	5 5/8"	32. " " superheater	" " None
5. " steam lap	7/8"	33. " " equivalent total	" " None
6. " exhaust clearance	Line	34. Grates, length x width	118" x 41"
7. " lead in full gear	1/8"	35. " area	sq.ft. 33.6
8. " out off in full gear	88.4%	36. Brick arch, type	None
9. Rated tractive power	37,026 lbs.	37. Arch tubes O.D., Ga., Fin. Lgth. over Bd.	None
10. Ratio of Adhesion (Wt. on Drivers ÷ Trac. Power)	3.82	38. Stoker, type	None
11. Sharpest curve	22 Deg.	AIR BRAKE	
WEIGHT	Light Wk. Order	39. Schedule	W.A.B. A1, WN 2, 1612, Type 47-B
12. Leading truck	17,400	40. Brake Power	75% 106,200 lbs.
13. Driver, first	35,400	41. Pumps	2 - 9 1/2"
14. " second	35,400	AXLES	
15. " third	35,900	42. Leading truck	Journal Dia. x Lgth. 5" x 10"
16. " fourth	34,900	43. Driving, main	" " " 8 1/2" x 10"
17. " total	141,600	44. " other than main	" " " 8 1/2" x 10"
18. Trailing truck	None	45. Trailing truck	" " " None
19. Total engine	144,100 159,000	TENDER	
20. Tender, front truck	57,200	46. Frame	Wood
21. " back "	57,200	47. Draft gear	Swivel Coupler
22. " total	40,400 114,400	48. Brake schedule	W.A.B. FL-1012, Type "L"
23. Total engine & tender	184,500 273,400	49. Brake power	98% 39,300 lbs.
BOILER		50. Truck, type	Arch bar
24. Working pressure, maximum	180 lbs.	51. Axles	A.R.A. 5" x 9"
25. Firebox, length x width	118" x 41"	52. Wheels	Steel 33"
26. Tubes, No., O.D., & Gauge	247-2 1/2"-11-B.W.G.	53. Maximum width over cylinders	9' 6"
27. Flues, No., O.D., & Gauge	None	54. " " running boards, at cab	9' 10"
28. Tubes & Flues, length (in to in of tube sheets)	173"		