



GENL. DATA

1. Cylinders, dia. x stroke	24" x 30"	29. Heating surface, tubes & flues	sq. ft. 2991
2. Valve gear	Walschaert	30. " " firebox & arch tubes	" " 191
3. Valves, size & kind	Universal - 9" Piston	31. " " total	" " 3182
4. " maximum travel	6"	32. " " superheater	" " 658
5. " steam lap	1-1/8"	33. " " equivalent total	" " 4169
6. " exhaust clearance	1/8" Clear	34. Grates, length x width	111" x 70"
7. " lead in full gear	1/4"	35. " area	sq. ft. 54.0
8. " out off in full gear	83%	36. Brick arch, type	Security 2-Tube
9. Rated tractive power	48,960 lbs.	37. Arch tubes O.D., Ga., Fin. Lgth. over Bd. 3"	7-BWG-109-1/8"
10. Ratio of Adhesion (Wt. on Drivers + Trac. Power)	4.20	38. Stoker, type	None
11. Sharpest curve	22 Deg.	AIR BRAKE	
WEIGHT	Light Wk. Order	39. Schedule	W.A.B. 6-ET, WNS, 1412, Type 42-B
12. Leading truck	26,000	40. Brake Power	59% 121,200 lbs.
13. Driver, first	50,800	41. Pumps	1-8 1/2" CC
14. " second	52,300	AXLES	
15. " third	52,400	42. Leading truck	Journal Dia. x Lgth. 6" x 10"
16. " fourth	50,500	43. Driving, main	" " 10 1/2" x 12"
17. " total	206,000	44. Driving, other than main	" " 9" x 12"
18. Trailing truck	None	45. Trailing truck	None
19. Total engine	212,800 232,000	TENDER	
20. Tender, front truck	85,350	46. Frame	Structural Steel
21. " back "	85,350	47. Draft gear	Farlow 3-key
22. " total	67,500 170,700	48. Brake schedule	W.A.B. 6-ET, 1212, Type "L"
23. Total engine & tender	280,300 402,700	49. Brake power	67% 45,100 lbs.
BOILER		50. Truck, type	Arch bar
24. Working pressure, maximum	200 lbs.	51. Axles	A.R.A. 6" x 11"
25. Firebox, length x width	111" x 70"	52. Wheels	Steel 35"
26. Tubes, No., O.D., & Gauge	231-2 1/2"-11-B.W.G.	53. Maximum width over cylinders	10' 2"
27. Flues, No., O.D., & Gauge	36-6 1/2"-9-B.W.G.	54. " " running boards, at cab	10' 5"
28. Tubes & Flues length (in to in of tube sheets)	191"		