



GENL. DATA

1. Cylinders, dia. x stroke	22" x 28"	29. Heating surface, tubes	sq. ft. 2430
2. Valve gear	Baker	30. " " firebox	" " 174
3. Valves, size & kind	D-Slide	31. " " total	" " 2804
4. " maximum travel	6"	32. " " superheater	" " None
5. " steam lap	1"	33. " " equivalent total	" " None
6. " exhaust clearance	1/16" Clear	34. Grates, length x width	125 3/4" x 42 1/2"
7. " lead in full gear	1/4"	35. " area	sq. ft. 37.3
8. " out off in full gear	85.7%	36. Brick arch, type	None
9. Rated tractive power	43773 lbs.	37. Arch tubes O.D., Ga., Fin. Lgth. over Bd.	None
10. Ratio of Adhesion (Wt. on Drivers ÷ Trac. Power)	3.60	38. Stoker, type	None
11. Sharpest curve	22 Deg.	39. Schedule	W.A.B. A1, WW2, 1612, Type 47-B
WEIGHT	Light	40. Brake power	81% 127,500 lbs.
12. Leading truck	16,300	41. Pumps	2 - 9 1/2"
13. Drivers, first	31,000	AXLES	
14. " second	39,600	42. Leading truck	Journal Dia. x Lgth. 6" x 12"
15. " third	46,900	43. Driving, main	" " " 9" x 12"
16. " fourth	41,100	44. Driving, other than main	" " " 9" x 12"
17. " total	157,600	45. Trailing truck	None
18. Trailing truck	None	TENDER	
19. Total engine	150,700	46. Frame	Wood
20. Tender, front truck	60,000	47. Draft gear	Swivel Coupler
21. " back "	60,000	48. Brake schedule	W.A.B. FL-1012, Type "L"
22. " total	48,000	49. Brake power	104% 49,760 lbs.
23. Total engine & tender	198,700	50. Truck, type	Arch bar
BOILER		51. Axles	A.R.A. 5" x 9"
24. Working pressure, maximum	190 lbs.	52. Wheels	Steel 33"
25. Firebox, length x width	125 3/4" x 42 1/2"	53. Maximum width over cylinders	9' 5 1/2"
26. Tubes, No., O.D., & Gauge	300-2 1/4"-11- B.W.G.	54. " " running boards, at cab	10' 3"
27. Flues, No., O.D., & Gauge	None		
28. Tubes & Flues, length (in to in of tube sheets)	155"		