



GENL. DATA

1. Cylinders, dia. x stroke	23" & 35" x 32"	29. Heating surface, tubes	sq.ft.	5544
2. Valve gear	Walschaert	30. " " firebox	" "	225
3. Valves, size & kind	D-Slide	31. " " total	" "	5769
4. " maximum travel	H.P. 6 1/8" L.P. 6 1/8"	32. " " superheater	" "	None
5. " steam lap	1" 7/8"	33. " " equivalent total	" "	None
6. " exhaust clearance	Line 3/8"	34. Grates, length x width	117" x 96"	
7. " lead in full gear	1/4" 3/8"	35. " area	sq.ft.	78
8. " out off in full gear	86.9% 89.4%	36. Brick arch, type		None
9. Rated tractive power	74,124 lbs.	37. Arch tubes, O.L., Ga., Pin. Lgth. over Bd.		None
10. Ratio of Adhesion (Wt. on Drivers ÷ Trac. Power)	4.74	38. Stoker, type		None
11. Sharpest curve	22 Deg.	AIR BRAKE		
WEIGHT	Light H.P. Wk. Order L.P. Wk. Order	39. Schedule W. B. 6-ET, WX3, 1210, Type-Front 15-C, Back 15-B		
12. Leading truck	None	40. Brake Power	44%	155,000 lbs.
13. Driver, first	57,300	41. Pumps		2 - 9 1/2"
14. " second	57,300	AXLES		
15. " third	56,300	42. Leading truck	Journal Dia. x Lgth.	None
16. " fourth	None	43. Driving, main	" " "	10 1/2" x 12"
17. " total	351,700	44. " other than main	" " "	10 1/2" x 12"
18. Trailing truck	None	45. Trailing truck	" " "	None
19. Total engine	302,200	TENDER		
20. Tender, front truck	83,100	46. Frame		Structural
21. " back	83,100	47. Draft gear		Farlow 3-key
22. " total	59,100	48. Brake schedule	W.A.B. 6-ET, 1412, Type "L"	
23. Total Eng. & Tend.	361,300	49. Brake power	81%	48,000 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	117" x 96"	52. Wheels		Steel 33"
26. Tubes, No., O.D., & Gauge	450-2 1/4", 11-B.W.G.	53. Maximum width over cylinders		10' 6 1/2"
27. Flues, No., O.D., & Gauge	None	54. " " " running boards, at cab		10' 5 1/2"
28. Tubes & Flues, length (in to in of tube sheets)	251"			