



GENL. DATA

1. Cylinders, dia. x stroke	22" x 30"	29. Heating surface, tubes	sq.ft.	2859
2. Valve gear	Walschaert	30. " " firebox	" "	174
3. Valves, size & kind	D-Slide	31. " " total	" "	3033
4. " maximum travel	6"	32. " " superheater	" "	None
5. " steam lap	1"	33. " " equivalent total	" "	None
6. " exhaust clearance	Line	34. Grates, length x width	108" x 70"	
7. " lead in full gear	1/4"	35. " area	sq.ft.	52.5
8. " cut-off in full gear	85%	36. Brick arch, type		None
9. Rated tractive power	48,305 lbs.	37. Arch tubes O.D., Ga., Fin. Lgth. over 3d.		None
10. Ratio of Adhesion (Wt. on drivers ÷ Trac. Power)	4.20	38. Stoker, type		None
11. Sharpest curve	22 Deg.			
WEIGHT	Light	Wk. Order		
12. Leading truck		18,000	39. Schedule	W.A.B. 6-ET, WN 3, 1412, Type 42-B
13. Driver, first		44,400	40. Brake power	60% 109,200 lbs.
14. " second		43,700	41. Pumps	2 - 9 1/2"
15. " third		46,650	AXLES	
16. " fourth		47,250	42. Leading truck	Journal Dia. x Lgth. 6" x 10"
17. " total		182,000	43. Driving, main	" " " 10" x 12"
18. Trailing truck		None	44. " other than main	" " " 9" x 12"
19. Total engine	181,800	200,000	45. Trailing truck	" " " None
20. Tender, front truck		68,300	TENDER	
21. " back "		68,300	46. Frame	Structural Steel
22. " total	54,300	136,600	47. Draft gear	Farlow 3-key
23. Total engine & tender	236,100	335,600	48. Brake schedule	W.A.B. 6-ET, 1212, Type "L"
BOILER			49. Brake power	83% 46,200 lbs.
24. Working pressure, maximum	200 lbs.		50. Truck type	Arch bar
25. Firebox, length x width	108" x 70"		51. Axles	A.R.A. 5 1/2" x 10"
26. Tubes, No., O.D., & Gauge	329-2 1/2"-11-B.W.G.		52. Wheels	Steel 33"
27. Flues, No., O.D., & Gauge	None		53. Maximum width over cylinders	9' 8"
28. Tubes & Flues, length (in to in' of tube sheets)	177"		54. " " " running boards, at cab	10' 2"