



## GENL. DATA

1. Cylinders, dia. x stroke	22" x 30"	29. Heating surface, tubes	sq.ft. 2859
2. Valve gear	Walschaert	30. " " firebox & arch tubes	" " 186
3. Valves, size and kind	D-Slide	31. " " total	" " 3045
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. " out off in full gear	86%	36. Brick arch, type	Security 2-tube
9. Rated tractive power	43,305 lbs.	37. Arch tubes O.D., Ga., Fin. Lgth. over Bd. 3"-7-BWG 104-7/8"	None
10. Ratio of Adhesion (Wt. on Drivers ÷ Trac. Power)	4.20	38. Stoker, type	None
11. Sharpest curve	22 Deg.	39. Schedule	N.A.B. 6-ET, WNS, 1412, Type 42-B
WEIGHT	Light Wk. Order	40. Brake power	60% 109,200 lbs.
12. Leading truck	18,000	41. Pumps	2 - 9 1/2"
13. Driver, first	44,400	AXLES	
14. " second	43,700	42. Leading truck	Journal Dia. x Lgth. 6" x 10"
15. " third	46,650	43. Driving, main	" " " 10" x 12"
16. " fourth	47,250	44. Driving, other than main	" " " 9" x 12"
17. " total	182,000	45. Trailing truck	None
18. Trailing truck	None	TENDER	
19. Total engine	181,800 200,000	46. Frame	Structural Steel
20. Tender, front truck	68,300	47. Draft gear	Farlow 3-key
21. " back "	68,300	48. Brake schedule	W.A.B. 6-ET, 1212, Type "L"
22. " total	54,300 136,600	49. Brake power	83% 45,200 lbs.
23. Total engine & tender	236,100 336,600	50. Truck, type	Arch bar
BOILER		51. Axles	A.R.A. 5 1/2" x 10"
24. Working pressure, maximum	200 lbs.	52. Wheels	Steel 53"
25. Firebox, length x width	108" x 70"	53. Maximum width over cylinders	9' 8"
26. Tubes, No., O.D., & Gauge	329-2 1/4"-11-B.W.G.	54. " " " running boards, at cab	10' 2"
27. Flues, No., O.D., & Gauge	None		
28. Tubes & Flues, length (in to in of tube sheets)	177"		