



GENL. DATA

1. Cylinders, dia. x stroke	22" x 30"	29. Heating surface, tubes	sq.ft. 2859
2. Valve gear	Walchaert	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	86%	36. Brick arch, type	None
9. Rated tractive power	43,305 lbs.	37. Arch tubes O.D., Ga., Fin. Lgth. over Bd.	None
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	
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	68% 123,760 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. Driving, other than main	" " " 9" x 12"
19. Total engine	179,100	45. Trailing truck	None
20. Tender, front truck	68,300	TENDER	
21. " back "	68,300	46. Frame	Structural Steel
22. " total	54,300	47. Draft gear	Miner Tandem
23. Total engine & tender	233,400	48. Brake schedule	W.A.B. 6-ET, 1212, Type "L"
BOILER		49. Brake power	83% 45,200 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 1/4"-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"