



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P-1912, GR-12- VAL. GR. L-74

Form 7310 RP

Northern Pacific Ry. Co's Class F-1 I. C. C. Class 2-8-0 Service Freight Number 54

LOCOMOTIVE DATA

Original Number 652
 Renumbered from 652 to 97 Date Aug. 1897.
 " " 97 " 54 " Aug. 11, 1900.
 Builder Baldwin Loco. Wks. Builders No. 11959.
 Date Built, Month June Year 1891.
 From whom purchased Baldwin Loco. Wks.
 Purchased New or Second Hand New Date 6-18-91.
 Authority No. _____ Voucher No. _____ Reen. No. _____
 Receiving Station St. Paul, Minn. Date 6-30-91.
 Setting up Shop Brainer, Minn.
 Boiler Type Straight top, rad. stay O. D. First Ring 72"
 Flues, No. 271 Outside Dia. 2 1/4" Length 13'6"
 Steam Pressure, Maximum 150# Working 150#
 Firebox, Type Narrow Length 121"
 Width, Top 62 1/2" Bottom 42"
 Height, Front 63" Back 59 1/2"
 Grate Area 35.3 sq. ft. Oil Burner, Type _____ Size _____
 Combustion Chamber, Length None
 Arch Tubes, No. None Size _____
 Superheater, Kind None
 Feedwater Heater, Kind None Reheater, Kind None
 Heating Surface Tubes _____ Flues _____
 Firebox _____ Arch Tubes _____
 Superheating _____ Total Equivalent 2,321 sq. ft.
 Cylinders H. P., Dia. 22" L. P. Dia. _____ Stroke 28"
 Drivers—Dia. over New Tires 51"
 Driving Wheel Centers, Kind Cast Iron Dia. _____
 Wheels, Leading Truck, Kind Steel Tired Dia. _____
 Wheels, Trailing Truck, Kind _____ Dia. _____
 Wheel Base, Rigid 14'0" Total 22'3"

Weight on Drivers 135,000 lbs.
 Weight of Engine, Working Order 150,000 lbs. Light 130,400 lbs.
 Tractive Power I. C. C. Formula 33.8
 TENDER, Type U-Shape, Number 5-A-1
 (Tender shown is one purchased with this locomotive)
 Capacity, Water, Gals. 3,675 Oil, Gals. _____ Coal, Tons 10
 Underframe, Kind Wood End Sills, Kind Wood
 Wheels, No. 8 Kind Cast Iron Dia. 33"
 Journals, Size 4 1/4" x 8" Trucks, Kind Equal.
 Air Brake Cylinder, Size 8" x 12" Coal Pusher, Kind None
 Weight, Light 34,430 lbs. Loaded 85,050 lbs.
 Weight Engine and Tender, Light 164,830 lbs. Loaded 235,850 lbs.
 APPURTENANCES
 Headlights, No. 2 Kind Pyle - Elect.
 Main Valve, Kind Slide Dia. (If piston) _____
 Valve Gear, Kind Stephenson Driver Brake, Kind Am. Equal.
 Air Brake Equipment, Kind Westinghouse Schedule A-1, S-W-A
 Air Pumps, No. 1 Make Westinghouse Size 9 1/2"
 Air Reservoirs, No. 2 Size 18 1/2" x 26"
 Train Signals, Kind None Sanders, Kind Leach E Dble.
 Stoker, Kind None Power Reverse, Kind None
 Flange Lubricators, Kind None
 Pneumatic Fire Doors, Kind None
 Automatic Bell Ringers, Kind Crosby
 Couplers, Kind, Engine Sharon 6"x6" Tender Towar 5" x 5"

FINAL DISPOSITION

By _____ Place _____ Date _____

Original Cost F. O. B. _____
 Receivership Value 8 000 00
 Designing and Engineering _____
 Inspection during Construction _____
 Inspection of Material _____
 Messenger Service _____
 Setting up and breaking in _____
 Miscellaneous, Tools, etc. _____
 Freight paid from _____ to _____
 Total 8 000 00

ENG. REPORT * 12,570.00 DEPRECIATION **ENGINE 88.5% = 11,124.45**
TENDER 11.5% = 1,445.55

DEPRECIATION BASED ON { Original Cost
 Receivership Value } PLUS IMPROVEMENTS

NP 54

Cost or Value	-DEPRECIATION			Cost or Value	-DEPRECIATION		
	R+E - ENGINE				R+E - TENDER		
	Rate	Period	Amount		Rate	Period	Amount
	E.R.	REC.	708000		E.R.	REC.	92000
	1	846-11	504		5047-28		<92000
	O.S.	859-19	1993				
	1	861-19	3917				
	E.R.	898-17	18800				
	O.S.	5024-29	8506				
	1	5081-39	<741720				

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	Cost or Value
846-11	5-15	Safety Appliances	504
859-19	11-20	Lagging on steam pipes	1993
861-19	12-19	" on boiler deckhead	3917
898-17	9-17	Blvd. headlight (Electric)	18800
5047-28	6-28	Tender retired	<92000
5024-29	8-29	Bl. 74. Fire door changed	8506
5081-39	1-10-40	ENGINE PORTION DISM.	<741720

Imp. Report
 Order 3
 Imp. Report

741720

FINAL DISPOSITION

By _____ Place _____ Date _____
 Total Cost based on { Original Cost
 Receivership Value }
 Salvage _____
 Accrued Depreciation _____
 Amount Charged to Retirements _____