



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P. 1909, GR. 4
VAL. GR. L-17.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class F-2 I. C. C. Class 0-8-0 Service Switch Number 82

LOCOMOTIVE DATA

Original Number 498
 Renumbered from 498 to 100 Date Aug. 1897.
 " " 100 " 82 " 8-27-1900.
 Builder Baldwin Loco. Wks. Builders No. 9614.
 Date Built, Month July Year 1889.
 From whom purchased Baldwin Loco. Wks.
 Purchased New or Second Hand New Date 7-1-89.
 Authority No. _____ Voucher No. _____ Reqn. No. _____
 Receiving Station Hunts Junction, Wn. Date 7-1-89.
 Setting up Shop _____
 Boiler Type Ext. wagon top, rad. stay O. D. First Ring 64 1/2"
 Flues, No. 231 Outside Dia. 2 1/4" Length 13' 4 1/2"
 Steam Pressure, Maximum 150# Working 150#
 Firebox, Type Narrow Length 112"
 Width, Top 56" Bottom 42"
 Height, Front 63" Back 56"
 Grate Area 32.7 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 1,986 sq. ft.
 Cylinders H. P., Dia. 21" L. P. Dia. _____ Stroke 26"
 Drivers—Dia. over New Tires 51"
 Driving Wheel Centers, Kind Cast Iron Dia. 44"
 Wheels, Leading Truck, Kind None Dia. --
 Wheels, Trailing Truck, Kind _____ Dia. _____
 Wheel Base, Rigid 14'3" Total 14'3"

Weight on Drivers 127,200 lbs.
 Weight of Engine, Working Order 127,200 lbs. Light 110,850 lbs.
 Tractive Power I. C. C. Formula 28.6
 TENDER, Type U-Shape, Number 56-A-3
 (Tender shown is one purchased with this locomotive)
 Capacity, Water, Gals. 4,244 Oil, Gals. _____ Coal, Tons 9
 Underframe, Kind Wood End Sills, Kind Wood
 Wheels, No. 8 Kind Cast Iron Dia. 33"
 Journals, Size 4 1/2" x 8" Trucks, Kind Equalized
 Air Brake Cylinder, Size 8" x 12" Coal Pusher, Kind None
 Weight, Light 36,630 lbs. Loaded 90,000 lbs.
 Weight Engine and Tender, Light 147,480 lbs. Loaded 217,200 lbs.
 APPURTENANCES
 Headlights, No. 1 Kind Pyle - Electric
 Main Valve, Kind Slide Dia. (If piston) _____
 Valve Gear, Kind Stephenson Driver Brake, Kind Am. Equal.
 Air Brake Equipment, Kind Westinghouse Schedule A-1, SWA.
 Air Pumps, No. 1 Make Westinghouse Size 9 1/2"
 Air Reservoirs, No. 2 Size 12" x 144"
 Train Signals, Kind None Sanders, Kind Leach E & Hand
 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" x 6" Tender Sharon 6" x 6"

FINAL DISPOSITION

By Retired Place _____ Date 5-27

Original Cost F. O. B. 8 000 00
 Receivership Value
 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

DEPRECIATION ENGINE 87% = 9,698.76
 TENDER 13% = 1,449.24
ENG. REPORT 11,148.00

DEPRECIATION BASED ON { Original Cost
 Receivership Value } PLUS IMPROVEMENTS

NP82

Cost or Value	DEPRECIATION R+E - ENGINE			Cost or Value	DEPRECIATION R+E - TENDER		
	Rate	Period	Amount		Rate	Period	Amount
	E.R.	REC.	6960.00		E.R.	REC.	1,040.00
		846-11	26.15		O-3.	5079-21	174
		885-13	208.79			5062-27	<1041.74>
	O-3.	908-17	444.15				
	1	860-19	28.93				
		5062-27	<7668.02>				

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	Amount
846-11	5-15	Safety Appliances	26 15
885-13	12-13	Electric headlights	208 79
908-17	11-18	Air compressor	444 15
860-19	11-20	Water glasses	28 93
5079-21	5-22-22	Al-156 Hofer Crane Hookup.	174
X	X	X	X
5062-27	9-27	Retired Eng + Tender	<8709.76>

Eng. Report
Order 3
Tender Order 3

FINAL DISPOSITION

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