



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 **83**

LOCOMOTIVE DATA

Original Number **499**
 Renumbered from **499** to **101** Date **Aug. 1897.**
 " " **101** " **83** " **8-24-1900.**
 Builder **Baldwin Loco. Wks.** Builders No. **9625.**
 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 Jct. 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. **24"** 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 **110,860 lbs.**
 Tractive Power I. C. C. Formula **28.6**
 TENDER, Type **U-Shape,** Number **56-A-4**
 (Tender shown is one purchased with this locomotive)
 Capacity, Water, Gals. **4,244** Oil, Gals. _____ Coal, Tons **11**
 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 **94,000 lbs.**
 Weight Engine and Tender, Light **147,480 lbs.** Loaded **221,200 lbs.**
 APPURTENANCES
 Headlights, No. **2** 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, S.W.A.**
 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 5" x 5"**

FINAL DISPOSITION

By **Retired** Place **Livingston** Date **7-26-28**

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 11,148.00

DEPRECIATION ENGINE 87% = 9,698.76
 TENDER 13% = 1,449.24

DEPRECIATION BASED ON { Original Cost
 Receivership Value } PLUS IMPROVEMENTS

NP83

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.	1040.00
		846-11	26.16		0.3	5015-29	<1040.00>
		885-13	208.79		1	5030-26	<...-->
	O.B.	908-17	444.15				
		860-19	28.93				
		5047-28	<7633.03>				
		TRF. To #76	<35.00>				

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
846-11	5-15	Safety Appliances	26 16
885-13	12-13	Electric headlights	208 79
908-17	10-18	Air compressor	444 15
860-19	8-20	Water glasses	28 93
5030-26	9-26	Tender position retired	< - >
5015-29		Retirement adj.	<1040.00>
5047-28	3-28	Retired, Eng. portion	<7633.03>
		TRANSF. TO #76	<35.00>

Eng. Report

Order 3

FINAL DISPOSITION

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