



## STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P. 112, GR. 12.  
VAL. GR. L-74

Form 7310 4200 RP

Northern Pacific Ry. Co's Class F-1 I. C. C. Class 2-8-0 Service Freight Number 65

## LOCOMOTIVE DATA

Original Number 493  
 Renumbered from 493 to 91 Date Aug. 1897.  
 " " 91 " 65 " Aug. 1, 1900.  
 Builder Baldwin Loco. Wks. Builders No. 11847.  
 Date Built, Month June Year 1891.  
 From whom purchased Baldwin Loco. Wks.  
 Purchased New or Second Hand New Date 6-12-91.  
 Authority No. \_\_\_\_\_ Voucher No. \_\_\_\_\_ Reqn. No. \_\_\_\_\_  
 Receiving Station St. Paul, Minn. Date 6-24-91.  
 Setting up Shop Brainerd, Minn.  
 Boiler Type Straight top, Raf' Stay O. D. First Ring 72"  
 Flues, No. 271 Outside Dia. 2 1/2" 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. 44"  
 Wheels, Leading Truck, Kind " " Dia. 30"  
 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 6-A-4  
 (Tender shown is one purchased with this locomotive)  
 Capacity, Water, Gals. 4,000 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 Equalized  
 Air Brake Cylinder, Size 8" x 12" Coal Pusher, Kind None  
 Weight, Light 34,430 lbs. Loaded 87,770 lbs.  
 Weight Engine and Tender, Light 164,830 lbs. Loaded 237,770 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. 2 Make Westinghouse Size 9 1/2"  
 Air Reservoirs, No. 2 Size 12" x 144"  
 Train Signals, Kind None Sanders, Kind Browne  
 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 Dismantled Place Brainerd Date 5- -30

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 } PLUS IMPROVEMENTS  
 { Receivership Value } **NP 65**

DEPRECIATION R+E - ENGINE			DEPRECIATION R+E - TENDER				
Cost or Value	Rate	Period	Amount	Cost or Value	Rate	Period	Amount
	E.R.	REC.	7080.00		E.R.	REC.	920.00
		846-11	5.04		0.3	5079-21	1.74
		858-13	68.82			5071-30	< 965.74 >
		898-17	188.00			5008-35	44.00
		5071-30	< 7341.86 >				

**ADDITION AND BETTERMENT**

A. F. E. No.	Date	Description	Amount
846-11	5-15	Safety Appliances	5.04
858-13	9-17	Service recorders	68.82
5079-21	3-24-12	AL-156 Motor Crane Hooks	1.74
898-17	2-17	Electric Handlight	188.00
5071-30	7-30	Retired (Eng. Portion) < 7341.86 >	
		" Tender portion < 965.74 >	
5008-35	9-35	RET. OF TENDER ARI. < 44.00 >	

*Eng. Report*  
*Order 3*  
*Eng. Report*

**FINAL DISPOSITION**

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