



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P-1912, GR-10.  
VAL. GR. L-72.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class F-3 I. C. C. Class 2-8-0 Service Freight Number 91

## LOCOMOTIVE DATA

Original Number MU 159 to NP 134 July 1898  
 Renumbered from NP 134 to NP 109 Date Aug. 1899  
 " " NP 100 "NP 91 " Aug. 11, 1900  
 Builder Rome Loco. Wks. Builders No. 502  
 Date Built, Month \_\_\_\_\_ Year 1889  
 From whom purchased Montana Union R. R.  
 Purchased New or Second Hand Second Hand Date 7-1-1898  
 Authority No. \_\_\_\_\_ Voucher No. \_\_\_\_\_ Reqn. No. \_\_\_\_\_  
 Receiving Station Butte, Mont. Date 7-1-1898  
 Setting up Shop \_\_\_\_\_  
 Boiler Type Straight Top Crown Bar O. D. First Ring 60"  
 Flues, No. 243 Outside Dia. 2" Length 13'7"  
 Steam Pressure, Maximum 150# Working 150#  
 Firebox, Type Narrow Length 117"  
 Width, Top 52" Bottom 32 1/2"  
 Height, Front 62" Back 58"  
 Grate Area 26.6 sq. ft. Oil Burner, Type \_\_\_\_\_ Size \_\_\_\_\_  
 Combustion Chamber, Length None  
 Arch Tubes, No. \_\_\_\_\_ Size \_\_\_\_\_  
 Superheater, Kind None  
 Feedwater Heater, Kind None Reheater, Kind \_\_\_\_\_  
 Heating Surface Tubes \_\_\_\_\_ Flues \_\_\_\_\_  
 Firebox \_\_\_\_\_ Arch Tubes \_\_\_\_\_  
 Superheating \_\_\_\_\_ Total Equivalent 1,268 sq. ft.  
 Cylinders H. P., Dia., 20" L. P. Dia., \_\_\_\_\_ Stroke 24"  
 Drivers—Dia. over New Tires 51"  
 Driving Wheel Centers, Kind Cast Iron Dia. 44"  
 Wheels, Leading Truck, Kind R. S. Dia. 28"  
 Wheels, Trailing Truck, Kind \_\_\_\_\_ Dia. \_\_\_\_\_  
 Wheel Base, Rigid 15'7" Total 23'2"

Weight on Drivers 113,000 lbs.  
 Weight of Engine, Working Order 125,000 lbs. Light 109,930 lbs  
 Tractive Power I. C. C. Formula 24.0  
 TENDER, Type \_\_\_\_\_ Number Not in A/C #51  
 (Tender shown is one purchased with this locomotive) 52-A-1 ASSIGNED.  
 Capacity, Water, Gals. \_\_\_\_\_ Oil, Gals. \_\_\_\_\_ Coal, Tons \_\_\_\_\_  
 Underframe, Kind \_\_\_\_\_ End Sills, Kind \_\_\_\_\_  
 Wheels, No. \_\_\_\_\_ Kind \_\_\_\_\_ Dia. \_\_\_\_\_  
 Journals, Size \_\_\_\_\_ Trucks, Kind \_\_\_\_\_  
 Air Brake Cylinder, Size \_\_\_\_\_ Coal Pusher, Kind \_\_\_\_\_  
 Weight, Light \_\_\_\_\_ Loaded \_\_\_\_\_  
 Weight Engine and Tender, Light \_\_\_\_\_ Loaded \_\_\_\_\_  
 APPURTENANCES  
 Headlights, No. 1 Kind Pyle 3/4 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 14"  
 Train Signals, Kind None Sanders, Kind Browne  
 Stoker, Kind None Power Reverse, Kind \_\_\_\_\_  
 Flange Lubricators, Kind None  
 Pneumatic Fire Doors, Kind None  
 Automatic Bell Ringers, Kind Crosby  
 Couplers, Kind, Engine Sharon 6"x6" Tender \_\_\_\_\_

## FINAL DISPOSITION

By DISMANTLED Place SO TACOMA Date 11- -26

Original Cost F. O. B.  
 Receivership Value **M. U. 1898** 7 238 59  
 Designing and Engineering  
 Inspection during Construction  
 Inspection of Material  
 Messenger Service  
 Setting up and breaking in  
 Miscellaneous, Tools, etc.  
 Freight paid from \_\_\_\_\_ to \_\_\_\_\_  
 Total 7 238 59

**ENG. REPORT 10,945.00** DEPRECIATION **ENGINE 89% = 9,741.05**  
**TENDER 11% = 1,203.95**  
 DEPRECIATION BASED ON { Original Cost } PLUS IMPROVEMENTS  
 { Receivership Value } **NP 91**

Cost or Value	DEPRECIATION R+E - ENGINE			Cost or Value	DEPRECIATION R+E - TENDER		
	Rate	Period	Amount		Rate	Period	Amount
	E.R.	M.U.	6442.35		E.R.	M.U.	796.24
		845-10	224.18		5134-26	<	796.24
		846-11	7.41				
			<u>5134-26</u>				<u>&lt;6673.94&gt;</u>

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
845-10	7-11	Electric headlights	224 18
846-11	5-15	Safety Appliances	7 41
X	X	X	X
5134-26	2-27	Retired	<7470.18>

*large Report*

FINAL DISPOSITION

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