



STEAM LOCOMOTIVES. ACCOUNT NO. 51

ER. P-1911, GR-11.  
VAL. GR. L-56.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class S-1 I. C. C. Class 4-6-0 Service Freight Number 135

## LOCOMOTIVE DATA

Original Number 191  
 Renumbered from 191 to 135 Date \_\_\_\_\_  
 " " " " " "  
 Builder Schenectady Loco. Wks. Builders No. 5139  
 Date Built, Month July Year 1899  
 From whom purchased Schenectady Loco. Wks.  
 Purchased New or Second Hand New Date 7-29-1899  
 Authority No. \_\_\_\_\_ Voucher No. \_\_\_\_\_ Reqn. No. \_\_\_\_\_  
 Receiving Station St. Paul, Minn. Date 8-7-1899  
 Setting up Shop Brainerd, Minn.  
 Boiler Type Ext. Wagon top, rad. Stay O. D. First Ring 70"  
 Flues, No. 376 Outside Dia. 2" Length 14'2"  
 Steam Pressure, Maximum 200# Working 200#  
 Firebox, Type Narrow Length 120-3/16"  
 Width, Top 65" Bottom 41"  
 Height, Front 84" Back 71 1/2"  
 Grate Area 34.2 sq. ft. Oil Burner, Type \_\_\_\_\_ Size \_\_\_\_\_  
 Combustion Chamber, Length None  
 Arch Tubes, No. 4 Size 3"  
 Superheater, Kind None  
 Feedwater Heater, Kind None Reheater, Kind \_\_\_\_\_  
 Heating Surface Tubes 2,776 sq. ft. Flues \_\_\_\_\_  
 Firebox 208 sq. ft. Arch Tubes 32 sq. ft.  
 Superheating \_\_\_\_\_ Total Equivalent 3,016 sq. ft.  
 Cylinders H. P., Dia., 22" L. P. Dia., 34" Stroke 30"  
 Drivers—Dia. over New Tires 63"  
 Driving Wheel Centers, Kind Cast Steel Dia. 56"  
 Wheels, Leading Truck, Kind Steel Tired Dia. 30"  
 Wheels, Trailing Truck, Kind \_\_\_\_\_ Dia. \_\_\_\_\_  
 Wheel Base, Rigid 14'10" Total 25'10 1/2"

Weight on Drivers 136,200 lbs.  
 Weight of Engine, Working Order 182,500 lbs. Light 155,300 lbs.  
 Tractive Power I. C. C. Formula 30.7  
 TENDER, Type U-Shape Number 7-C-4  
 (Tender shown is one purchased with this locomotive)  
 Capacity, Water, Gals. 4,350 Oil, Gals. \_\_\_\_\_ Coal, Tons 7  
 Underframe, Kind Steel End Sills, Kind Wood  
 Wheels, No. 8 Kind Cast Iron Dia. 33"  
 Journals, Size 4 1/4" x 8" Trucks, Kind Arch Bar  
 Air Brake Cylinder, Size 12" x 12" Coal Pusher, Kind None  
 Weight, Light 38,200 lbs. Loaded 88,450 lbs.  
 Weight Engine and Tender, Light 193,500 lbs. Loaded 270,950 lbs.

## APPURTENANCES

Headlights, No. 1 Kind Pyle - Electric  
 Main Valve, Kind Piston & Slide Dia. (If piston) 12"  
 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 22 1/2" x 51"  
 Train Signals, Kind West Air Sanders, Kind Leach E Dole. & Hand  
 Stoker, Kind None Power Reverse, Kind \_\_\_\_\_  
 Flange Lubricators, Kind None  
 Pneumatic Fire Doors, Kind None  
 Automatic Bell Ringers, Kind Gollmer  
 Couplers, Kind, Engine Sharon 6" x 6" Tender Sharon 6" x 6"

## FINAL DISPOSITION

By Dismantled Place \_\_\_\_\_Date 2-7-29

Original Cost F. O. B. Chicago, Ill.	12	264	31
Receivership Value			
Designing and Engineering			
Inspection during Construction			40
Inspection of Material			
Messenger Service			
Setting up and breaking in		48	38
Miscellaneous, Tools, etc.		38	22
Freight paid from Chicago to St. Paul		60	00
Total	12	411	31

ENG'R REPORT 14,317.00 DEPRECIATION ENGINE 86% = 12,312.62  
TENDER 14% = 2,004.38

DEPRECIATION BASED ON { Original Cost / Receivership Value } PLUS IMPROVEMENTS NP 135

Cost or Value	-DEPRECIATION- R+E -ENGINE			Cost or Value	-DEPRECIATION- R+E -TENDER		
	Rate	Period	Amount		Rate	Period	Amount
	E.R.	O.C.	10,673.73		E.R.	O.C.	1,737.58
		845-10	224.18		0.3	5079-31	1.74
		846-11	6.57			5029-31	<1774.32>
	0.3	925-16	1.43			5008-35	35.00
		5019-24	194.91				
		5111-23	1.59				
		5152-23	<33.40>				
		5000-29	<11069.01>				

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description		
845-10	7-11	Electric headlights	224	18
846-11	5-15	Safety Appliances	6	57
925-16		Back stop on pilot steps	1	43
5079-21	6-12-19	AL-156 Water Crane Hooks	1	74
5019-24	3-25-24	BL-5 Additional 9 1/2" Air Pump	194	91
5111-23	3-26	AL-169. Handholds on Sand Dome	1	59
5152-23	3-24	AL-16 Air Signal Equip. removed	33	40
5000-29	2-29	Retired Inspection	<11069.01>	
5029-31	5-31	Tender Portion Retired	<1774.32>	
5008-35	9-35	TENDER RET. AMT.	35.00	

FINAL DISPOSITION

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