



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P-1911, GR-3.
VAL. GR. L-48.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class P I. C. C. Class 4-6-0 Service Passenger Number 271

LOCOMOTIVE DATA

Original Number 221
Renumbered from 221 to 271 Date 4-21-1901
Builder Schenectady Loco. Wks. Builders No. 4719
Date Built, Month Mar. Year 1898
From whom purchased Schenectady Loco. Wks.
Purchased New or Second Hand New Date 3-25-98
Authority No. _____ Voucher No. _____ Reqn. No. _____
Receiving Station St. Paul, Minn. Date 4-14-98
Setting up Shop Brainerd, Minn.
Boiler Type Ext. wagon top, rad. stay O. D. First Ring 62"
Flues, No. 312 Outside Dia. 2" Length 14'0"
Steam Pressure, Maximum 200# Working 200#
Firebox, Type Narrow Length 108-3/16"
Width, Top 61" Bottom 41"
Height, Front 76" Back 64"
Grate Area 30.8 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 None
Heating Surface Tubes 2,275 sq. ft. Flues _____
Firebox 168 sq. ft. Arch Tubes 29 sq. ft.
Superheating _____ Total Equivalent 2,472 sq. ft.
Cylinders H. P., Dia., 20" L. P. Dia., _____ Stroke 26"
Drivers—Dia. over New Tires 69"
Driving Wheel Centers, Kind Cast Steel Dia. 62"
Wheels, Leading Truck, Kind Steel Tired Dia. 33"
Wheels, Trailing Truck, Kind _____ Dia. _____
Wheel Base, Rigid 14'10" Total 25'10"

Weight on Drivers 112,000 lbs.
Weight of Engine, Working Order 150,600 lbs. Light 132,900 lbs.
Tractive Power I. C. C. Formula 25.6
TENDER, Type U-Shape, Number 3-C-36
(Tender shown is one purchased with this locomotive)
Capacity, Water, Gals. 4,350 Oil, Gals. _____ Coal, Tons 9
Underframe, Kind Steel End Sills, Kind Wood
Wheels, No. 8 Kind Rolled Steel Dia. 33"
Journals, Size 4 1/4" x 8" Trucks, Kind Arch Bar
Air Brake Cylinder, Size 10" x 12" Coal Pusher, Kind None
Weight, Light 38,200 lbs. Loaded 92,450 lbs.
Weight Engine and Tender, Light 171,100 lbs. Loaded 243,050 lbs.

APPURTENANCES

Headlights, No. 1 Kind Pyle - Electric
Main Valve, Kind Piston Dia. (if piston) 10"
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 20 1/2" x 41"
Train Signals, Kind West. Air Sanders, Kind Browne
Stoker, Kind None Power Reverse, Kind None
Flange Lubricators, Kind 2 NP Type #2
Pneumatic Fire Doors, Kind None
Automatic Bell Ringers, Kind Gollmar
Couplers, Kind, Engine Tower 6" x 6" Tender Tower 6" x 6"

FINAL DISPOSITION

By Retired Place _____ Date 3-1-26

Original Cost F. O. B. Chicago, Ill.	11	879	68
Receivership Value			
Designing and Engineering			
Inspection during Construction			
Inspection of Material			
Messenger Service			
Setting up and breaking in		47	91
Miscellaneous, Tools, etc.		42	73
Freight paid from Chicago to St. Paul		69	20
Total	12	039	52

ENG'R. REPORT 13,567.00 ~~DEPRECIATION~~ ENGINE 84 1/4% = 11,430.20
 TENDER 15 3/4% = 2,136.80

DEPRECIATION BASED ON { Original Cost / Receivership Value } PLUS IMPROVEMENTS NP271

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
846-11	5-15	Safety appliances	7 48
925-16	5-15	Back stop on pilot step	1 43
5079-21	1-9-21	AL-156 Water Crane Hook	1 74
5013-23	12-20	AL-167 Lagging Backhead Boiler	59 78
5063-20	5-14-21	AL-169 Hand Hold on Sand Dome	1 74
5066-25	4-23	B-26 Drilling Bracket	35 05
5158-23	Prin	EL-138 Elec. Handlight	212 58
5049-26	5-26	Retired Eng'r Tender	12 359 32

-DEPRECIATION- R+E - ENGINE			-DEPRECIATION- R+E - TENDER		
Rate	Period	Amount	Rate	Period	Amount
E.R.	O.C.	10,143.30	E.R.	O.C.	1,896.22
	846-11	7.48	O.S.	5079-21	1.74
	5158-23	212.58	5049-26	<1,897.96>	
O.S.	925-16	1.43			
	5013-23	59.78			
	5063-20	1.74			
	5066-25	35.05			
	5049-26	<10,461.36>			

Temp Report

Retired #3

Temp Report

FINAL DISPOSITION

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