



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P-1911, GR3.  
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 **270**

## LOCOMOTIVE DATA

Original Number **185**  
 Renumbered from **185** to **220** Date **July, 1897.**  
 " " **220** " **270** " **4-19-1901.**  
 Builder **Schenectady Loco. Wks.** Builders No. **4542.**  
 Date Built, Month **Apr.** Year **1897.**  
 From whom purchased **Schenectady Loco. Wks.**  
 Purchased New or Second Hand **New** Date **4-28-97.**  
 Authority No. \_\_\_\_\_ Voucher No. \_\_\_\_\_ Reqn. No. \_\_\_\_\_  
 Receiving Station **St. Paul, Minn.** Date **4-28-97.**  
 Setting up Shop **Brainerd, Minn.**  
 Boiler Type **Ext. wagon top, rad. stay** O. D. First Ring **62 1/2"**  
 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-38**  
 (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 **2 prs. S.T.** 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 Brakes, 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 **Gollmer**  
 Couplers, Kind, Engine **Sharon 6" x 6"** Tender **Sharon 5" x 5"**

## FINAL DISPOSITION

By **DISMANTLED** Place **So. TALOMA** Date **11-14-29**

Original Cost F. O. B. Chicago, Ill. 12 117 30  
 Receivership Value  
 Designing and Engineering  
 Inspection during Construction  
 Inspection of Material  
 Messenger Service  
 Setting up and breaking in ( 118 30  
 Miscellaneous, Tools, etc. ( )  
 Freight paid from Chicago to St. Paul 69 16  
 Total 12 304 76

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

DEPRECIATION BASED ON { Original Cost / Receivership Value } PLUS IMPROVEMENTS NP270

DEPRECIATION R+E -ENGINE			DEPRECIATION R+E -TENDER		
Rate	Period	Amount	Rate	Period	Amount
E.R.	O.C.	10,366.76	E.R.	O.C.	1,938.00
	846-11	7.48	O.B.	5079-21	1.74
	5158-23	212.58		5122-36	(1,939.74)
O.B.	925-16	1.43			
	5122-24	173.25			
	5111-23	1.59			
	5102-27	8.73			
	5104-29	(10,771.82)			

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
846-11	5-75	Safety appliances	7 48
925-16	4-19	Back stop on pilot step	1 43
5079-21	3-22-22	AL-156 Baber Crane Hook	1 74
5122-24	2-17-25	AL-13 Air Reservoirs	173 25
5158-23	Prim	BL 6.3 Elec. Leadwire	212 58
5111-23	8-23	AL-169 HANDHOLD ON SAND DOME	1 59
5102-27	4-28	AL-184 Powerpipe Fittings	8 73
5104-29	11-29	Retired Eng. position	(10,771.82)
5122-36	6-19-37	TENDER DISMANTLED	(1,939.74)

FINAL DISPOSITION

By \_\_\_\_\_ Place \_\_\_\_\_ Date \_\_\_\_\_

Total Cost based on { Original Cost / Receivership Value }

Salvage \_\_\_\_\_

Accrued Depreciation \_\_\_\_\_

Amount Charged to Retirements \_\_\_\_\_