



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P-1911, GR-12.
VAL. GR. L-57.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class **S-2**I. C. C. Class **4-6-0**Service **Freight**

Number

125

LOCOMOTIVE DATA

Original Number **125**

Renumbered from _____ to _____ Date _____

Builder **Schenectady Loco. Wks.** Builders No. **5476.**Date Built, Month **June** Year **1900.**From whom purchased **Schenectady Loco. Wks.**Purchased New or Second Hand **New** Date **6-29-1900.**

Authority No. _____ Voucher No. _____ Reqn. No. _____

Receiving Station **St. Paul, Minn.** Date **7-7-1900.**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 **None**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 **141,000 lbs.**Weight of Engine, Working Order **182,500 lbs.** Light **160,800 lbs.**Tractive Power I. C. C. Formula **30.7**TENDER, Type **U-Shape,** Number **7-C-10**

(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 1/2" x 8"** Trucks, Kind **Arch Bar**Air Brake Cylinder, Size **10" x 12"** Coal Pusher, Kind **None**Weight, Light **38,200 lbs.** Loaded **92,400 lbs.**Weight Engine and Tender, Light **199,000 lbs.** Loaded **274,900 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 Dble.**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 **Glendora** Date **4-1925**

Original Cost F. O. B. Chicago, Ill.	17	091	14
Receivership Value			
Designing and Engineering			
Inspection during Construction			
Inspection of Material			
Messenger Service			
Setting up and breaking in	(130	44
Miscellaneous, Tools, etc.	(
Freight paid from Chicago to St. Paul		60	00
Total	17	281	58

ENGINE 86.7% = 13,020.40
 TENDER 14.7% = 2,119.60
 DEPRECIATION - ENGR. REPORT 15,140.00

DEPRECIATION BASED ON { Original Cost / Receivership Value } PLUS IMPROVEMENTS NP 125

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description		
831-09	1-10	Electric headlights	224	76
846-11	5-15	Safety Appliances	6	10
835-12	7-13	Air pumps	83	68
804-16	11-16	Run board steps	11	97
925-16	8-17	Back stop on pilot steps	1	43
5079-21	1-17-22	Water Crane Hook on Tender		174
5063-20	3-28-23	AL-169 Hand Holes on Sand Doney		174
5152-23	12-23	AL-18 Air Signal Equip. Removal	<	33 40
5156-25	4-25	Engine portion retired	<	17 609 52
5110-27		Retirement adj.		33 40
5015-29		Retirement adj.	2	421 16
5017-27		Retirement adj.	<	174
5008-35	12-35	TENDER PORTION RETIRED	<	2 421 16

Cost or Value	-DEPRECIATION-			Cost or Value	-DEPRECIATION-		
	R+E	-ENGINE			R+E	-TENDER	
	Rate	Period	Amount		Rate	Period	Amount
	E.R.	O.C.	14,862.16		E.R.	O.C.	2,419.42
		831-09	224.76		O.C.	5079-21	1.74
		846-11	6.10			5008-35	< 2 421 16
		835-12	83.68				
		804-16	11.97				
	0.3	925-16	1.43				
		5063-20	1.74				
		5152-23	< 33.40				
		5156-25	< 17 609 52				
		5110-27	33.40				
		5017-27	< 1.74				
		5015-29	2 421 16				

FINAL DISPOSITION

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

Engine underwritten

Eng. Report

Order 3