



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P-1911, GR-II.
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 136

LOCOMOTIVE DATA

Original Number 192
 Renumbered from 192 to 136 Date _____
 " " " " " "
 Builder Schenectady Loco. Wks. Builders No. 5140
 Date Built, Month Aug. Year 1899
 From whom purchased Schenectady Loco. Wks.
 Purchased New or Second Hand New Date 8-5-1899
 Authority No. _____ Voucher No. _____ Reqn. No. _____
 Receiving Station St. Paul, Minn. Date 8-14-1899
 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-3
 (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 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 & Valve 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 8 1/2" CC
 Air Reservoirs, No. 2 Size 22 1/2" x 51"
 Train Signals, Kind None Sanders, Kind Leach E Dble. & Hand
 Stoker, Kind None Power Reverse, Kind _____
 Flange Lubricators, Kind None
 Pneumatic Fire Doors, Kind None
 Automatic Bell Ringers, Kind Gollmar
 Couplers, Kind, Engine Sharon 6" x 6" Tender Sharon 6" x 6"

FINAL DISPOSITION
 By DISMANTLED Place GLENDIVE Date 3-1925

Original Cost F. O. B. Chicago, Ill.	12	272	66
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	419	66

ENGR. REPORT 14,317.00 - DEPRECIATION ENGINE 86% = 12,312.62
 TENDER 14% = 2,004.38

DEPRECIATION BASED ON { Original Cost
 Receivership Value } PLUS IMPROVEMENTS NP136

Cost or Value	DEPRECIATION - R+E - ENGINE			Cost or Value	DEPRECIATION - R+E - TENDER		
	Rate	Period	Amount		Rate	Period	Amount
	E.R.	O.C.	10,680.91		E.R.	O.C.	1,738.75
		831-09	224.76		0.3	5079-21	1.74
		846-11	6.57			5028-24	<1775.49>
		835-12	83.68			5008-35	35.00
		825-12	<220.27>				
		882-16	265.17				
	0.3	925-16	1.43				
		5063-20	1.74				
		5156-25	<12,781.00>				
		5017-27	<1.74>				
		5015-29	1740.49				

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
831-09	1-10	Electric headlights	224 76
846-11	5-15	Safety Appliances	6 57
835-12	7-13	Air pumps	83 68
825-16	11-16	Cross comp. compressor	220 27
882-16	3-18	Cross comp. compressor	265 17
925-16	6-27	Back stop on pilot	1 43
5079-21	3-15-22	AL-156 Water Crane Hooks	174 } under 3
5063-20	11-8-21	AL-169 Stand Holds on Sand Dancer	174 } under 3
5156-25	3-25	Eng. portion retired	<12,781.00>
5015-29		Retirement adj.	1740.49
5017-27		Retirement adj.	<1.74>
5028-34	5-8-34	TENDER DISM.	<1775.49>
5008-35	9-35	TENDER RET. ARI.	35.00

Engine undercredited 1.74

FINAL DISPOSITION

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