



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P-1912, GR-12.
VAL. GR-L-74

Form 7310 4200 RP

Northern Pacific Ry. Co's Class F-1 I. C. C. Class 2-8-0 Service Freight Number 80

LOCOMOTIVE DATA

Original Number 481
Renumbered from 481 to 80 Date Aug. 1897.Builder Baldwin Loco. Wks. Builders No. 9526.Date Built, Month Oct. Year 1888.From whom purchased Baldwin Loco. Wks.Purchased New or Second Hand New Date 10-12-88.

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

Receiving Station St. Paul, Minn. Date 10-24-88.Setting up Shop Brainerd, Minn.Boiler Type Straight top, rad. stay O. D. First Ring 72"Flues, No. 271 Outside Dia. 2 1/4" Length 13'6"Steam Pressure, Maximum 150# Working 150#Firebox, Type Narrow Length 121"Width, Top 62 1/2" Bottom 42"Height, Front 63" Back 59 1/2"Grate Area 35.3 sq. ft. Oil Burner, Type _____ Size _____Combustion Chamber, Length NoneArch Tubes, No. None Size _____Superheater, Kind NoneFeedwater Heater, Kind None Reheater, Kind None

Heating Surface Tubes _____ Flues _____

Firebox _____ Arch Tubes _____

Superheating _____ Total Equivalent 2,321 sq. ft.Cylinders H. P., Dia., 22" L. P. Dia., _____ Stroke 28"Drivers—Dia. over New Tires 51"Driving Wheel Centers, Kind Cast Iron Dia. 44"Wheels, Leading Truck, Kind Steel Tired Dia. 30"

Wheels, Trailing Truck, Kind _____ Dia. _____

Wheel Base, Rigid 14'0" Total 22'3"Weight on Drivers 135,000 lbs.Weight of Engine, Working Order 150,000 lbs. Light 130,400 lbs.Tractive Power I. C. C. Formula 33.8TENDER, Type U-Shape, Number 8-A-9

(Tender shown is one purchased with this locomotive)

Capacity, Water, Gals. 4,000 Oil, Gals. _____ Coal, Tons 10Underframe, Kind Wood End Sills, Kind WoodWheels, No. 8 Kind Cast Iron Dia. 33"Journals, Size 4 1/2" x 8" Trucks, Kind EqualizedAir Brake Cylinder, Size 8" x 12" Coal Pusher, Kind NoneWeight, Light 34,430 lbs. Loaded 87,770 lbs.Weight Engine and Tender, Light 164,830 lbs. Loaded 237,770 lbs.

APPURTENANCES

Headlights, No. 1 Kind Pyro - ElectricMain Valve, Kind Slide Dia. (If piston) _____Valve Gear, Kind Stephenson Driver Brake, Kind Am. Equal.Air Brake Equipment, Kind Westinghouse Schedule A-1, S.W.A.Air Pumps, No. 2 Make Westinghouse Size 9 1/2"Air Reservoirs, No. 2 Size 12" x 144" & 22 1/2" x 120"Train Signals, Kind None Sanders, Kind BrowneStoker, Kind None Power Reverse, Kind NoneFlange Lubricators, Kind NonePneumatic Fire Doors, Kind NoneAutomatic Bell Ringers, Kind CrosbyCouplers, Kind, Engine Sharon 6" x 6" Tender Sharon 6" x 6"

FINAL DISPOSITION

By _____ Place _____ Date _____

Original Cost F. O. B.
 Receivership Value 8 000 00
 Designing and Engineering
 Inspection during Construction
 Inspection of Material
 Messenger Service
 Setting up and breaking in
 Miscellaneous, Tools, etc.
 Freight paid from _____ to _____
 Total 8 000 00

ENG. REPORT 12,570.00

DEPRECIATION ENGINE 88.5% = 11,124.45
 TENDER 11.5% = 1,445.55

DEPRECIATION BASED ON { Original Cost
 Receivership Value } PLUS IMPROVEMENTS

NP 80

DEPRECIATION R+E - ENGINE		DEPRECIATION R+E - TENDER					
Cost or Value	Rate	Period	Amount	Cost or Value	Rate	Period	Amount
	E.R.	REC.	7 080.00		E.R.	REC.	920.00
			845-10 224.18		O.S.	5079-21	1.74
			846-11 5.04			5015-29	< 921.74 >
	O.S.	925-16	1.43				
			860-19 28.93				
			5092-28 4.84				
			5114-30 64.92				
			5070-38 < 7409.34 >				

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	Amount
845-10	7-11	Electric headlights	224 18
846-11	5-15	Safety Appliances	5 04
925-16	4-27	Back stop on pilot step	1 43
860-19	5-1-20	Water glasses	28 93
5079-21	5-23-20	AL-156 Water Crane Hooks	174
5030-26	4-25	Tender portion retired	< - >
5015-29		Retirement Adj.	< 921 74 >
5092-28	10-28	AL-73 Wind Shields	4 84
5114-30	4-31	AL-74 Pneumatic Fire door	64 92
5070-38	4-27-29	ENGINE PORTION RETIRED	< 7409 34 >

Eng. Report

Order 3

7409.34

FINAL DISPOSITION

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