



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

61

LOCOMOTIVE DATA

Original Number 489
 Renumbered from 489 to 87 Date Aug. 1897.
 " " 87 " 61 Aug. 7, 1900.

Builder Baldwin Loco. Wks Builders No. 10448.
 Date Built, Month Nov. Year 1889.

From whom purchased Baldwin Loco. Wks.
 Purchased New or Second Hand New Date 11-25-89.

Authority No. _____ Voucher No. _____ Reqn. No. _____
 Receiving Station St. Paul, Minn. Date 12-7-89.

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 None
 Arch Tubes, No. None Size _____

Superheater, Kind None
 Feedwater 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 Rolled Steel 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 33.8
 TENDER, Type U-Shape, Number 6-A-1

(Tender shown is one purchased with this locomotive)

Capacity, Water, Gals. 4,000 Oil, Gals. _____ Coal, Tons 10
 Underframe, Kind Wood End Sills, Kind Wood

Wheels, No. 8 Kind Cast Iron Dia. 33"
 Journals, Size 4 1/2" x 8" Trucks, Kind Equalized

Air Brake Cylinder, Size 8" x 12" Coal Pusher, Kind None
 Weight, Light 34,430 lbs. Loaded 87,770 lbs.

Weight Engine and Tender, Light 164,830 lbs. Loaded 237,770 lbs.

APPURTENANCES

Headlights, No. 2 Kind Oil
 Main Valve, Kind Slide Dia. (If piston) _____

Valve Gear, Kind Stephenson Driver Brake, Kind A. Equal.
 Air Brake Equipment, Kind Westinghouse Schedule A-1, S.W.A.

Air Pumps, No. 1 Make Westinghouse Size 9 1/2"
 Air Reservoirs, No. 2 Size 12" x 14" & 26" x 39"

Train Signals, Kind None Sanders, Kind Leach D
 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 BRainerd Date 1-4-30

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 } PLUS IMPROVEMENTS
 { Receivership Value } NP 61

Cost or Value	DEPRECIATION R+E - ENGINE			Cost or Value	DEPRECIATION R+E - TENDER		
	Rate	Period	Amount		Rate	Period	Amount
	E.R.	REC.	708000		E.R.	REC.	92000
	1	846-11	504		5015-29	<92000>	
	0.3	5081-23	24793				
	1	918-17	21461				
	1	5104-29	<754758>				

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
846-11	5-15	Safety Appliances	5 04
5081-23	7-31-23	Westing CC from eng 85(81-6)	247 93
918-17	9-8-19	BL64 Electric Hand Light	214 61
5078-24	3-24	Tender sold	< - >
5025-25	3-24	" reinstalled	-
5127-25	6-25	Tender sold	< - >
5015-29		Retirement adj.	< 920.00 >
5104-29	1-30	Retired equipment	< 754758 >

Eng. Report
 Order 3

FINAL DISPOSITION

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