



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P-1912, GR-15.
VAL. GR. L-77.

Form 7310 4200 RP

36

Northern Pacific Ry. Co's Class Y I. C. C. Class 2-8-0 Service Switch Number 36

LOCOMOTIVE DATA

Original Number 36
 Renumbered from _____ to _____ Date _____
 " " " " " "
 Builder Schenectady Loco. Wks. Builders No. 4906
 Date Built, Month Dec. Year 1898
 From whom purchased Schenectady Loco. Wks.
 Purchased New or Second Hand New Date 12-7-1898
 Authority No. _____ Voucher No. _____ Reqn. No. _____
 Receiving Station St. Paul, Minn. Date 12-18-1898
 Setting up Shop Brainerd, Minn.
 Boiler Type Ext. Wagon top, rad. stay O. D. First Ring 72 1/2"
 Flues, No. 206 & 32 Outside Dia. 2" & 5 1/2" Length 12' 9"
 Steam Pressure, Maximum 200# Working 175#
 Firebox, Type Narrow Length 120-3/16"
 Width, Top Wt. F. 67 1/2", Bk. 61 1/2" Bottom 42"
 Height, Front 77" Back 73 1/2"
 Grate Area 35 sq. ft. Oil Burner, Type _____ Size _____
 Combustion Chamber, Length None
 Arch Tubes, No. 2 Size 3"
 Superheater, Kind Schmidt
 Feedwater Heater, Kind None Reheater, Kind _____
 Heating Surface Tubes 1,360 sq. ft. Flues 583 sq. ft.
 Firebox 203 sq. ft. Arch Tubes 15 sq. ft.
 Superheating 468 sq. ft. Total Equivalent 2,863 sq. ft.
 Cylinders H. P., Dia., 20" L. P. Dia., _____ Stroke 34"
 Drivers—Dia. over New Tires 55"
 Driving Wheel Centers, Kind Cast Steel Dia. 48"
 Wheels, Leading Truck, Kind Steel Tired Dia. 30"
 Wheels, Trailing Truck, Kind _____ Dia. _____
 Wheel Base, Rigid 14' 8" Total 23' 3"

Weight on Drivers 173,300 lbs.
 Weight of Engine, Working Order 191,000 lbs. Light 170,660 lbs.
 Tractive Power I. C. C. Formula 36.8
 TENDER, Type U-Shape Number 9-C-6
 (Tender shown is one purchased with this locomotive)
 Capacity, Water, Gals. 5,500 Oil, Gals. _____ Coal, Tons 10
 Underframe, Kind Steel End Sills, Kind Wood
 Wheels, No. 8 Kind _____ Dia. 33"
 Journals, Size 5" x 9" Trucks, Kind Arch Bar
 Air Brake Cylinder, Size 10" x 12" Coal Pusher, Kind None
 Weight, Light 45,000 lbs. Loaded 112,000 lbs.
 Weight Engine and Tender, Light 215,660 lbs. Loaded 303,000 lbs.

APPURTENANCES

Headlights, No. 2 Kind Pyle - Electric
 Main Valve, Kind Piston 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. 2 Make Westinghouse Size 9 1/2"
 Air Reservoirs, No. 3 Size 2-22 1/2" x 51" & 1-12" x 14"
 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 Tower 5" x 5"

FINAL DISPOSITION

By _____ Place _____ Date _____

Original Cost F. O. B. Chicago, Ill.	13	235	42
Receivership Value			
Designing and Engineering			
Inspection during Construction			
Inspection of Material			
Messenger Service			
Setting up and breaking in	(105	51	
Miscellaneous, Tools, etc.			
Freight paid from Chicago to St. Paul		84	24
Total	13	425	17

ENG. REPORT # 17,277.00 DEPRECIATION ENGINE 85.041% = 14,692.52
 TENDER 14.959% = 2,584.48
 DEPRECIATION BASED ON { Original Cost / Receivership Value } PLUS IMPROVEMENTS **NP 36**

Cost or Value	DEPRECIATION R+E - ENGINE			Cost or Value	DEPRECIATION R+E - TENDER		
	Rate	Period	Amount		Rate	Period	Amount
	E.R.	O.C.	1122344		E.R.	O.C.	220173
		831-09	22476			5092-48	<220173>
		846-11	831				
	O.3.	5063-20	174				
	E.R.	849-16	338455				
	O.3.	5028-26	12104				
		5024-29	8506				
		5029-37	32763				
		5038-38	22069				
		5007-38	1145				
		5143-37	17799				
		5000-48	2862				
		5064-57	<1581508>				

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	Amount
831-09	1-10	Electric headlights	22476
846-11	5-15	Safety Appliances	831
5063-20	7-21	Al-169 Hand Hitter on Sand Drums	174
849-16	5-17	Remodeled	338455
5028-26	11-28	BL-72 Prop Seal Pilot Ben	12104
5024-29	5-30	BL-74 - Fire door changed	8506
5029-37	10-31-38	BL-177 SPARK ARRESTER	32763
5038-38	11-30-38	BL-6 AIR PUMP REPLMED	22069
5007-38	5-19-37	AL-217 ALEMITE LUB. FITTINGS	1145
5143-37	10-30-38	AL-176 POWER REVERSE	17799
5000-48	3-28-48	BL-94 WATER GLASS GUARD ENG'G	2862
5092-48	10-11-48	TENDER DISM.	<220173>
5064-57	7-29-57	ENGINE DISM.	<1581508>

FINAL DISPOSITION

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