



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

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

Form 7310 R1

Northern Pacific Ry. Co's Class Y I. C. C. Class 2-8-0 Service Switch Number 30

LOCOMOTIVE DATA

Original Number 30  
 Renumbered from \_\_\_\_\_ to \_\_\_\_\_ Date \_\_\_\_\_  
 " " " " " "  
 Builder Schenectady Loco. Wks. Builders No. 4900  
 Date Built, Month Nov. Year 1898  
 From whom purchased Schenectady Loco. Wks.  
 Purchased New or Second Hand New Date 11-4-1898  
 Authority No. \_\_\_\_\_ Voucher No. \_\_\_\_\_ Reqn. No. \_\_\_\_\_  
 Receiving Station St. Paul, Minn. Date 11-13-1898  
 Setting up Shop Brainerd, Minn.  
 Boiler Type Ext. wagon top, rad. stay O. D. First Ring 72 1/2"  
 Flues, No. 7" & 7 1/2" rods 19" Outside Dia. 18 1/2" & 5 1/2" Length 21' 0" 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" E. to m. 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 Tired Steel 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 36.7  
 TENDER, Type U-Shape Number 7-C-39  
 (Tender shown is one purchased with this locomotive)  
 Capacity, Water, Gals. 5500 Oil, Gals. \_\_\_\_\_ Coal, Tons X 10  
 Underframe, Kind Steel End Sills, Kind Wood  
 Wheels, No. 8 Kind Cast Iron 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 122,000 lbs.  
 Weight Engine and Tender, Light 215,660 lbs. Loaded 397,000 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 2 1/2"  
 Air Reservoirs, No. 3 Size 2-22 1/2" x 51" & 1-12" x 14"  
 Train Signals, Kind None Sanders, Kind Browne & 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 5" x 7"

FINAL DISPOSITION

By \_\_\_\_\_ Place \_\_\_\_\_ Date \_\_\_\_\_

Original Cost F. O. B. Chicago, Ill.	13	202	55
Receivership Value			
Designing and Engineering			
Inspection during Construction			
Inspection of Material			
Messenger Service			
Setting up and breaking in	(	141	27
Miscellaneous, Tools, etc.	(		
Freight paid from Chicago to St. Paul		106	60
Total	13	450	42

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 30

Cost or Value	DEPRECIATION R+E - ENGINE			Cost or Value	DEPRECIATION R+E - TENDER		
	Rate	Period	Amount		Rate	Period	Amount
	E.R.	O.C.	11,244.55		E.R.	O.C.	2,206.87
		846-11	830		O.S.	5079-21	174
		812-12	229.73			5042-40	(2,207.61)
	O.S.	5062-24	111.21				
		812-19	78.76				
		5111-23	1.59				
	E.R.	849-16	3,384.55				
	O.S.	5007-30	64.92				
		5029-37	327.62				
		5007-38	11.45				
		5007-40	188.00				
		5012-43	174.29				
		5030-46	(15,825.07)				

15123.77  
 15425.33  
 15462.78  
 15650.38  
 15825.07

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
846-11	5-15	Safety Appliances	8 30
812-12	1-13	Electric headlights	229 73
5079-21	5-18-22	AL-156 Water Crane Hooks	174
5062-24	6-13-25	BL-72 Talor Beam changed	111 31
812-19	5-19	AL-57 Change Lubricator	78 76
5111-23	1-26	AL-169 HANDRAIL ON SAND PUMP	1 59
849-16	2-17	Remodeled	3 384 55
5007-30	7-30	BL-74 PNEUMATIC FIRE DOOR	64 92
5029-37	2-25-38	BL-177 SPARK ARRESTER	327 62
5007-38	3-5-38	AL-217 ALUMINA LUB. FITTING	11 45
5042-40	5-4-40	TENDER TOP (705 WITH ENG. #1)	(2 207 61)
5007-40	6-7-41	AL-176 POWER REVERSE	188 00
5012-43	12-14-43	BL-6 COMP. AIR COMP.	174 29
5030-46	8-5-46	ENGINE PORTION DISM.	(15 825 07)

FINAL DISPOSITION

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