



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P-1913, GR-9.
VAL. GR. L-90.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class **X** I. C. C. Class **4-8-0** Service **Switch** Number **14**

LOCOMOTIVE DATA

Original Number **4**
Renumbered from **4** to **14** Date **8-1897.**Builder **Schenectady Loco. Wks.** Builders No. _____Date Built, Month **Feb** Year **2-5-97.**From whom purchased **Schenectady Loco. Wks.**Purchased New or Second Hand **New** Date **2-5-97.**

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

Receiving Station **St. Paul, Minn.** Date **2-15-97.**Setting up Shop **Brainerd, Minn.**Boiler Type **Ext. wagon top, rad. stay** O. D. First Ring **72"**Flues, No. **206 & 32** Outside Dia. **2" & 5 1/2"** Length **13'1"**Steam Pressure, Maximum **200#** Working **175#**Firebox, Type **Narrow** Length **120-3/16"**Width, Top **67 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 **None**Heating Surface Tubes **1,410 sq. ft.** Flues **602 sq. ft.**Firebox **207 sq. ft.** Arch Tubes **15 "**Superheating **468 sq. ft.** Total Equivalent **2,936 sq. ft.**Cylinders H. P., Dia., **20"** L. P. Dia., _____ Stroke **30"**Drivers—Dia. over New Tires **55"**Driving Wheel Centers, Kind **Cast Steel** Dia. **48"**Wheels, Leading Truck, Kind **Steel Tired** Dia. **28"**

Wheels, Trailing Truck, Kind _____ Dia. _____

Wheel Base, Rigid **15'6"** Total **26'4"**Weight on Drivers **146,200 lbs.**Weight of Engine, Working Order **184,200 lbs.** Light **163,520 lbs.**Tractive Power I. C. C. Formula **32.5**TENDER, Type **U-Shape,** Number **17-C-1**

(Tender shown is one purchased with this locomotive)

Capacity, Water, Gals. **4,000** Oil, Gals. _____ Coal, Tons **7 1/2**Underframe, Kind **Steel** End Sills, Kind **Wood**Wheels, No. **8** Kind **Cast Iron** Dia. **33"**Journals, Size **4 1/8" x 8"** Trucks, Kind **Arch Bar**Air Brake Cylinder, Size **10" x 12"** Coal Pusher, Kind **None**Weight, Light **36,300 lbs.** Loaded **84,630 lbs.**Weight Engine and Tender, Light **199,820 lbs.** Loaded **268,830 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. **4** Size **2- 24 1/2" x 38" & 2- 12" x 144"**Train Signals, Kind **None** Sanders, Kind **NP**Stoker, Kind **None** Power Reverse, Kind **None**Flange Lubricators, Kind **2 Bellhouse**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 **SALE** Place **CONLITZ, CHEMUNIS** Date **9-4-1936**
+ CASCADE RR.

Original Cost F. O. B. Chicago, Ill	13	430	09
Receivership Value			
Designing and Engineering		10	46
Inspection during Construction			
Inspection of Material			
Messenger Service			
Setting up and breaking in	(73	56
Miscellaneous, Tools, etc.	(
Freight paid from Chicago St. Paul		102	81
Total	13	616	92

ENG. REPORT # 16,233.00 DEPRECIATION ENGINE 86% = 13,960.38
 TENDER 14% = 2,272.62
 DEPRECIATION BASED ON { Original Cost / Receivership Value } PLUS IMPROVEMENTS NP 14

Cost or Value	DEPRECIATION R+E - ENGINE			Cost or Value	DEPRECIATION R+E - TENDER		
	Rate	Period	Amount		Rate	Period	Amount
	E.R.	O.C.	11 710 55		E.R.	O.C.	1 906 27
		845-10	224 18		O.S.	5079-21	1 74
		846-11	9 16			5043-38	(1 908 11)
		849-16	3 384 55				
	O.S.	5007-30	64 92				
		5079-36	(15 392 36)				

Emp. Report (written vertically in margin)

15 393 36 (written diagonally across the table)

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
845-10	7-11	Electric headlights	224 18
846-11	5-15	Safety Appliances	9 16
5079-21	2-22	AL-156 Water Crane Hooks	1 74
849-16	Price	Refrigerator etc	3 384 55
5007-30	1-31	BL-74 PNEUMATIC FIRE DOOR	64 92
5079-36	9-4-36	ENGINE PARTIAL SOLD	(15 392 36)
5043-38	7-22-38	TENDER RETIRED	(1 908 11)

FINAL DISPOSITION

By _____ Place _____ Date _____

Total Cost based on { Original Cost / Receivership Value } _____

Salvage _____

Accrued Depreciation _____

Amount Charged to Retirements _____