



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

E.R. 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 **56**

LOCOMOTIVE DATA

Original Number **483**
 Renumbered from **483** to **82** Date **Aug. 1897.**
 " " **82** " **56** " **Aug. 7, 1900.**
 Builder **Baldwin Loco. Wks.** Builders No. **10440.**
 Date Built, Month **Nov.** Year **1889.**
 From whom purchased **Baldwin Loco. Wks.**
 Purchased New or Second Hand **New** Date **11-21-89.**
 Authority No. _____ Voucher No. _____ Reqn. No. _____
 Receiving Station **St. Paul, Minn.** Date **12-3-89.**
 Setting up Shop **Brainerd, Minn.**
 Boiler Type **Straight Top, Pad. 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 **" "** Dia. **30"**
 Wheels, Trailing Truck, Kind _____ Dia. _____
 Wheel Base, Rigid **14'0"** Total **22'3"**

Weight on Drivers **135,000 lbs.** *142500 ARTER type*
 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 **5-A-3**
 (Tender shown is one purchased with this locomotive)
 Capacity, Water, Gals. **3,500** Oil, Gals. _____ Coal, Tons **7**
 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 **77,600 lbs.**
 Weight Engine and Tender, Light **164,830 lbs.** Loaded **227,600 lbs.**

APPURTENANCES

Headlights, No. **1** Kind **Pyle - Electric**
 Main 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 **Brome**
 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 **DISM.** 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 } PLUS IMPROVEMENTS
 { Receivership Value }

NP56

Cost or Value	DEPRECIATION R+E - ENGINE			Cost or Value	DEPRECIATION R+E - TENDER		
	Rate	Period	Amount		Rate	Period	Amount
	E.R.	REC.	7080.00		E.R.	REC.	920.00
	1	845-10	224.18		0.3	5079-21	174
		846-11	5.04			5029-31	<1253.28>
	0.3	925-16	1.43			5008-35	331.54
		5063-20	1.74				
		5048-20	468.11				
		5068-27	385.23				
		5092-28	4.83				
		5051-30	<385.23>				
		5007-30	64.92				
		5013-42	251.65				
		5022-45	<8101.90>				

7850.25
 3101.90

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
845-10	7-11	Electric headlights	224 18
846-11	5-15	Safety Appliances	5 04
925-16	9-27	Back stop on pilot steps	1 43
5079-21	5-21-22	AL-156 Water Crane Hooks	1 74
5063-20	4- -22	AL-169 Hand Holder on Sand Down	1 74
5048-20	4-27	BL-4 Air pump changed	468 11
5068-27	6-27	BL-71 Oil Burner	385 23
5007-30	7-30	BL-74 Pneumatic Fire Door	64 92
5029-31	4-31	Tender Portion Retired	<1253.28>
5008-35	9-35	RETIREMENT OF TENDERS	331 54
5013-42	12-8-42	AL-176 POWER REVERIE	251 65
5022-45	8-13-45	ENGINE DISMANTLED	<8101.90>

Eng. Report

Order 3

Separate card for Pilot Plans

FINAL DISPOSITION

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