



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER.P-1909, GR-2.  
VAL. GR. L-15.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class **E-5**I. C. C. Class **0-3-0**Service **Switch**

Number

**46**

## LOCOMOTIVE DATA

Original Number **SAI #12**Renumbered from **SAI #12** to **NP 46** Date **1901.**Builder **Schenectady Loco. Wks.** Builders No. **5559.**Date Built, Month \_\_\_\_\_ Year **1900.**From whom purchased **Seattle & International Ry.**Purchased New or Second Hand **Secondhand** Date **3-31-1901.**

Authority No. \_\_\_\_\_ Voucher No. \_\_\_\_\_ Reqn. No. \_\_\_\_\_

Receiving Station **Seattle, Wn.** Date **3-31-01.**

Setting up Shop \_\_\_\_\_

Boiler Type **Ext. wagon top, rad. stay** O. D. First Ring **60-1/8"**Flues, No. **275** Outside Dia. **2"** Length **12'6"**Steam Pressure, Maximum **180#** Working **150#**Firebox, Type **Narrow** Length **104-3/16"**Width, Top **57"** Bottom **42-7/8"**Height, Front **65-1/16"** Back **62-1/16"**Grate Area **31 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 **1,984 sq. ft.**Cylinders H. P., Dia., **20"** L. P. Dia., \_\_\_\_\_ Stroke **24"**Drivers—Dia. over New Tires **51"**Driving Wheel Centers, Kind **Cast Iron** Dia. **44"**Wheels, Leading Truck, Kind **None** Dia. **—**

Wheels, Trailing Truck, Kind \_\_\_\_\_ Dia. \_\_\_\_\_

Wheel Base, Rigid **14'0"** Total **14'0"**Weight on Drivers **126,000 lbs.**Weight of Engine, Working Order **126,000 lbs.** Light **110,440 lbs.**Tractive Power I. C. C. Formula **24.0**TENDER, Type **U-Shape,** Number **17-0-5**

(Tender shown is one purchased with this locomotive)

Capacity, Water, Gals. **4,000** Oil, Gals. \_\_\_\_\_ Coal, Tons **11**Underframe, Kind **Steel** End Sills, Kind **Wood**Wheels, No. **8** Kind **Cast Iron** Dia. **33"**Journals, Size **4 1/2" x 8"** Trucks, Kind **Arch Bar**Air Brake Cylinder, Size **10" x 12"** Coal Pusher, Kind **None**Weight, Light **36,670 lbs.** Loaded **92,003 lbs.**Weight Engine and Tender, Light **147,110 lbs.** Loaded **218,000 lbs.**

## APPURTENANCES

Headlights, No. **2** 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, SWA.**Air Pumps, No. **1** Make **Westinghouse** Size **9 1/2"**Air Reservoirs, No. **2** Size **20 1/2" x 49"**Train Signals, Kind **None** Sanders, Kind **Leach E & Hand**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 \_\_\_\_\_ Place \_\_\_\_\_ Date **9-1-25**  
**SOLD - WASHBURN LIGNITE COAL CO.**

Original Cost F. O. B.

Receivership Value **S. I. 1901**

1 900 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

1 900 00

**ENG. REPORT # 11,179.00**

DEPRECIATION ENGINE 86% = 9,613.94  
TENDER 14% = 1,565.06

DEPRECIATION BASED ON { Original Cost  
Receivership Value } PLUS IMPROVEMENTS

**NP 46**

Cost or Value	DEPRECIATION R+E - ENGINE			Cost or Value	DEPRECIATION R+E - TENDER		
	Rate	Period	Amount		Rate	Period	Amount
	E.R.	O.C.	1634.00		E.R.	O.C.	266.00
		846-11	9.93			5156-25	<266.00>
		885-13	208.79				
		5156-25	<1852.72>				

**ADDITION AND BETTERMENT**

A. F. E. No.	Date	Description	Amount
846-11	5-15	Safety Appliances	9.93
885-13	12-13	Electric headlights	208.79
5156-25	7-25	Retired, Eng. + Tender	<2118.72>

*Eng. Report*

**FINAL DISPOSITION**

By *Sale to Washburn & Main Co.* Date *7-1-1925*

Total Cost based on { Original Cost  
Receivership Value }

Salvage \_\_\_\_\_

Accrued Depreciation \_\_\_\_\_

Amount Charged to Retirements \_\_\_\_\_