



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P-1912, GR-10.  
VAL. GR. L-72.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class F-3 I. C. C. Class 2-8-0 Service Switch Number 88

## LOCOMOTIVE DATA

Original Number MU 140 to NP 130 July 1898  
Renumbered from NP 130 to NP 106 Date Aug. 1899  
" " NP 106 " NP 88 " July 28, 1900  
Builder Rome Loco. Wks. Builders No. 651Date Built, Month \_\_\_\_\_ Year 1890From whom purchased Montana Union R. R.Purchased New or Second Hand Second Hand Date 3-31-1898

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

Receiving Station Silver Bow, Mont. Date 3-31-1898

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

Boiler Type Straight Top Crown Bar O. D. First Ring 60"Flues, No. 243 Outside Dia. 2" Length 13'9"Steam Pressure, Maximum 150# Working 150#Firebox, Type Narrow Length 117"Width, Top 52" Bottom 32 1/2"Height, Front 62" Back 58"Grate Area 26.6 sq. ft. Oil Burner, Type \_\_\_\_\_ Size \_\_\_\_\_Combustion Chamber, Length None

Arch Tubes, No. \_\_\_\_\_ Size \_\_\_\_\_

Superheater, Kind NoneFeedwater Heater, Kind None Reheater, Kind \_\_\_\_\_

Heating Surface Tubes \_\_\_\_\_ Flues \_\_\_\_\_

Firebox \_\_\_\_\_ Arch Tubes \_\_\_\_\_

Superheating \_\_\_\_\_ Total Equivalent 1,868 sq. ft.Cylinders H. P., Dia., 20" L. P. Dia., \_\_\_\_\_ Stroke 24"Drivers—Dia. over New Tires 57"Driving Wheel Centers, Kind Cast Iron Dia. 50"Wheels, Leading Truck, Kind Cast Iron Dia. 30"

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

Wheel Base, Rigid 15'7" Total 23'2"Weight on Drivers 113,000 lbs.Weight of Engine, Working Order 125,000 lbs. Light 109,800 lbs.Tractive Power I. C. C. Formula 21.5TENDER, Type U-Shape Number 37-A-5

(Tender shown is one purchased with this locomotive)

Capacity, Water, Gals. 3,600 Oil, Gals. \_\_\_\_\_ Coal, Tons 9Underframe, Kind Wood End Sills, Kind WoodWheels, No. 8 Kind Cast Iron Dia. 33"Journals, Size 4 1/4" x 8" Trucks, Kind EqualizedAir Brake Cylinder, Size 8" x 12" Coal Pusher, Kind NoneWeight, Light 27,430 lbs. Loaded 75,430 lbs.Weight Engine and Tender, Light 137,230 lbs. Loaded 200,430 lbs.

## APPURTENANCES

Headlights, No. 2 Kind 1-Pyle - Electric & 1-OilMain Valve, Kind Slide Dia. (if piston) \_\_\_\_\_Valve Gear, Kind Stephenson Driver Brake, Kind Am. Equal.Air Brake Equipment, Kind Westinghouse Schedule A-1, SWAAir Pumps, No. 1 Make Westinghouse Size 9 1/2"Air Reservoirs, No. 2 Size 12" x 14"Train Signals, Kind None Sanders, Kind NP Dble.Stoker, Kind None Power Reverse, Kind \_\_\_\_\_Flange Lubricators, Kind NonePneumatic Fire Doors, Kind NoneAutomatic Bell Ringers, Kind CrosbyCouplers, Kind, Engine Tower 6" x 6" Tender: Sharon 6" x 6"

## FINAL DISPOSITION

By DISMANTLED Place \_\_\_\_\_ Date 12- -25

Original Cost F. O. B.  
 Receivership Value **M. U. 1898** 6 645 44  
 Designing and Engineering  
 Inspection during Construction  
 Inspection of Material  
 Messenger Service  
 Setting up and breaking in  
 Miscellaneous, Tools, etc.  
 Freight paid from \_\_\_\_\_ to \_\_\_\_\_  
 Total 6 645 44

**ENG. REPORT 10,945.00**

DEPRECIATION **ENGINE 89% 9,741.05**  
**TENDER 11% 1,203.95**

DEPRECIATION BASED ON { Original Cost  
 Receivership Value } PLUS IMPROVEMENTS

**NP88**

DEPRECIATION R+E - ENGINE			DEPRECIATION R+E - TENDER				
Cost or Value	Rate	Period	Amount	Cost or Value	Rate	Period	Amount
	<b>E.R.</b>	<b>M.U.</b>	<b>5914.44</b>		<b>E.R.</b>	<b>M.U.</b>	<b>731.00</b>
		845-10	224.18		0.3	5079-21	1.74
		846-11	7.41			5030-26	< 731.00 >
	0.3	925-16	1.43			TRF. To #1319	< 174 >
		5030-26	<u>&lt; 6147.46 &gt;</u>				

**ADDITION AND BETTERMENT**

A. F. E. No.	Date	Description	Amount	Notes
845-10	7-11	Electric headlights	224 18	
846-11	5-15	Safety Appliances	7 41	
925-16	8-17	Back stop on pilot steps	1 43	Order 3
5079-21	8-24-22	Water Crane Hook	1 74	Order 3
5030-26	12-25	Engine Portion retired	< 6878.46 >	
5104-29	11-29	Tender portion retired	< — >	
		<b>TRASF. To #1319</b>	<u>&lt; 174 &gt;</u>	

**FINAL DISPOSITION**

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