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THE BALDWIN LOCOMOTIVE WORKS

PHILADELPHIA February 2nd, 1925.

Class **10 28 1/4 D**

SPECIFICATION No. **C-8980**

Drawing No. **30**

Of a **Ten wheeled double end type**

Locomotive Engine having **three** pairs of

coupled wheels **with a two wheeled truck front and back**

For **Cadizo River Lumber Company**

This specification may be designated in cabling by code word -

GENERAL DIMENSIONS

Gauge	4	Ft.	8-1/2	Ins.	Fuel	Oil	Extended Wagon								
Cylinders	Simple	Dia.	17	Ins.	Stroke	24	Ins.	Boiler Diameter	66	Ins.	Type	Top			
Drivers Diameter	46	Ins.	Working Pressure	180	Lbs.	Tubes No.	200	Dia.	2	Ins.	Long	42	Ins.	Wide	
Wheel Base, Driving	10	Ft.		3	Ins.						Length	14	Ft.	9	Ins.
" " Total Engine			26	Ft.	10	Ins.	Heating Surface (approximate)	Fire Box	101	Sq. Ft.	Fire Brick Tubes	-			
" " Engine & Tender			50	Ft.	8-1/4	Ins.		Tubes	1536						
Weight			on Drivers	96,000	Lbs.										
In Working Order (Approximate)			on F. Truck	13,000	Lbs.										
			on B. Truck	16,000	Lbs.										
			Total Engine	125,000	Lbs.	6 2 1/2									
		Tender	90,300	Lbs.			Grate Area	18.7	Sq. Ft.	Ratio to Heat. Surf.	1 to	86.9			
Water Capacity	4,000	Gallons					Superheating Surface	-	Sq. Ft.						
Fuel Capacity	1,700	"					Tractive Power (at .85 working pressure)	23,100	Lbs.						
							Ratio of Adhesion	4.15							

Limiting **Rails 56 lbs. per yard**
Conditions

Note:- Locomotive, Baldwin class 10 28 1/4 D 173, Road No. 12, as built in 1924.

Type generally illustrated by **Photograph 7156**

