

# REPORT ON BOILERS.

No. 3205

Date of writing Report 21 April 1919 When handed in at Local Office 22 April 1919 Port of Philadelphia  
 No. in Reg. Book. Camden 7 J Date, First Survey 21<sup>st</sup> Nov 1917 Last Survey 17 April 1919  
 on the S.S. Gulf Queen (Number of Visits 57) Gross 6795.85 Tons Net 4904  
 Master Ligana Built at Camden N.J. By whom built New York Ship Corp When built 1919  
 Boilers made at Camden N.J. By whom made New York Ship Corp When made 1919  
 Owners Gulf Refining Company Port belonging to Port Arthur Texas

**VERTICAL DONKEY BOILER** No. 1 Description Test State Manufacturers of steel Carnegie Steel  
 Made at Camden By whom made New York Ship Corp When made 1919 Where fixed Stokely Working pressure 120  
 tested by hydraulic pressure to 180 Date of test 10-1-19 No. of Certificate 267 Fire grate area 4.34 Description of safety valves 1 Spring loaded  
 No. of safety valves 1 Area of each 3.14 Pressure to which they are adjusted 120 If fitted with easing gear Yes If steam from main boilers can enter the donkey boiler No Dia. of donkey boiler 2.10 Length 6.6 Material of shell plates Steel Thickness 5/16 Range of tensile strength 62720 Descrip. of riveting long. seams DR Lap Dia. of rivet holes 1/16 Whether punched or drilled drilled Pitch of rivets 2.28  
 Lap of plating 3/2 Per centage of strength of joint beaded Rivets 73.1 Working pressure of shell by rules 125 lb. Thickness of shell crown plates 1/2  
 Radius of do. flat No. of Stays to do. tubes Dia. of stays 1 Diameter of furnace Top 2.4 1/4 Bottom 2.4 1/4 Length of furnace 23 1/2  
 Thickness of furnace plates 1/32 Description of joint Lap SR Working pressure of furnace by rules 138 Thickness of furnace crown plates 3/8 Radius of do. flat Stayed by tubes beaded Diameter of uptake 2.2 Thickness of uptake plates 1/8  
 Thickness of water tubes

The foregoing is a correct description,  
New York Shipbuilding Corp Manufacturer.  
P.W. Young

Dates of Survey while building  
 During progress of work in shops - -  
 During erection on board vessel - -  
 Total No. of visits  
See Report No 4

Is the approved plan of boiler forwarded herewith Yes

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

Survey Fee ... .. £ : : } When applied for, ..... 19  
 Travelling Expenses (if any) £ : : } When received, ..... 19

J. T. Thomas J. Adamson  
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute New York APR 29 1919  
 Assigned See Phil No 3205

