

# REPORT ON BOILERS.

No. 41078.

Date of writing Report *2nd May 21* When handed in at Local Office *19* Port of *Glasgow*  
 No. in Survey held at *Annan* Date, First Survey *4th March* Last Survey *29th April 1921*  
 Reg. Book. on the *Donkey Boiler no. 8681 for export* (Number of Visits) Gross *120*  
 Master *Annan* Built at *Constitution* By whom built *A. Court* Tons Net *100*  
 Boilers made at *Annan* By whom made *Bochran & Co. Annan Ltd.* When built *1922*  
 Owners *Anglo Mexican Petroleum Co Ltd.* When made *1921*  
 Port belonging to *Valparaiso*

**VERTICAL DONKEY BOILER** No. *8681* Description *Bochran* Manufacturers of steel *Steel Coy. of Scotland*  
 Made at *Annan* By whom made *Bochran & Co.* When made *1921* Where fixed *Valparaiso* Working pressure *100*  
 tested by hydraulic pressure to *200* Date of test *29/4/21* No. of Certificate *15802* Fire grate area *9 3/4* Description of safety valves *spring loaded*  
 No. of safety valves *1* Area of each *4.9"* Pressure to which they are adjusted *100 lb.* If fitted with easing gear *Yes* If steam from main boilers can  
 enter the donkey boiler *no.* Dia. of donkey boiler *4-6"* Length *10-0"* Material of shell plates *Steel* Thickness *3/8" 7/16"* Range of tensile  
 strength *28/32* Descrip. of riveting long. seams *lap D.R.* Dia. of rivet holes *23/32"* Whether punched or drilled *drilled* Pitch of rivets *2 3/8 ins.*  
 Lap of plating *3 5/8"* Per centage of strength of joint *77.5* Rivets *69.7* Working pressure of shell by rules *105* Thickness of shell crown plates *9/16"*  
 Radius of do. *4 9"* No. of Stays to do. *none* Dia. of stays *1 1/2"* Diameter of furnace Top *Radius Bottom 45 ins.* Length of furnace *32 1/2 ins.*  
 Thickness of furnace plates *1/2"* Description of joint *Riveted Ring* Working pressure of furnace by rules *100* Thickness of furnace crown  
 plates *1/2"* Radius of do. *22 1/2"* Stayed by *Hemisphere* Diameter of uptake *10 3/4" x 17"* Thickness of uptake plates *1/2"*  
 Thickness of tube plates *7 1/32"*  
 Thickness of *13 1/2"*

The foregoing is a correct description,

Manufacturer.

Dates of Survey { During progress of work in shops - *1921* *Mar. 4 11 18 23* *Apr. 1 8 15 22 29*  
 while building { During erection on board vessel - -  
 Total No. of visits *9*

Drawing no. 9554

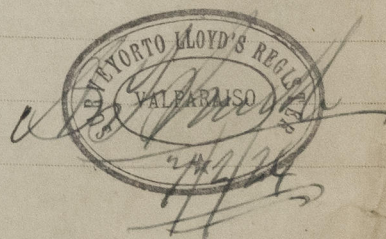
Is the approved plan of boiler forwarded herewith *Yes*

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

The boiler has been built under special survey  
 The workmanship & materials are good.  
 The boiler is to the order of the Anglo Mexican Petroleum Co. Ltd.,  
 Valparaiso

It is submitted that  
 this vessel is eligible for  
 THE RECORD. + DB 3. 22.  
 100%

*11/3/24*



Survey Fee ... £ 4 : 4 : } When applied for *monthly* 19  
 Travelling Expenses (if any) £ : : } When received *7-2-19 24*

Committee's Minute *TUE. 11 DEC. 21*  
 Assigned

FRI. MAR 14 1924

Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register  
 Foundation