

# REPORT ON BOILERS.

No. 41078

Date of writing Report 2nd May 21 When handed in at Local Office in Port of Glasgow  
 No. in Reg. Book. Annan Survey held at Annan Date, First Survey 4th March Last Survey 29th April 1921  
 on the Donkey Boilers no. 8681 for export (Number of Visits) Gross 120 Net 100  
 Master Annan Built at Constitution By whom built A. Court When built 1922  
 Boilers made at Annan By whom made Bochran Co. Annan Ltd. When made 1921  
 Owners Anglo Mexican Petroleum Co Ltd. 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 sq ft Description of safety valves spring loaded  
 No. of safety valves 1 Area of each 4.9 Pressure to which they are adjusted 100 lbs 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 Rivets 275 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 3/4 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 while building  
 During progress of work in shops - 1921. Mar. 4. 11. 18. 23. Ap. 1. 8. 15. 22. 29.  
 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. 100lb.

A.C.T.  
11/3/24

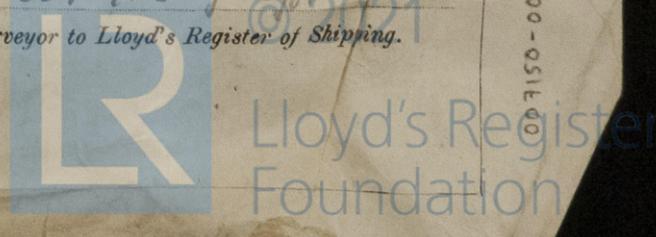


Survey Fee ... £ 4 : 4 : } When applied for ... 19  
 Travelling Expenses (if any) £ : : } When received, ap. 7-2-24

(Signed) Peter MacGregor  
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI. MAR 14 1924  
 Assigned + D.B. 3. 22  
- 100 lb.

CERTIFICATE WRITTEN



cert - 4/10

8600-091500-051500