

THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS Form No. U-1 As Required by the Provisions of the A.S.M.E. Code Rules

1. Manufactured by CHICAGO BRIDGE & IRON CO., BIRMINGHAM, ALABAMA
(Name and address of the manufacturer)
 2. Manufactured for PHILLIPS PETROLEUM Co. Bham Gas Co. TARRANT, ANA.
(Name and address of the purchaser)
 3. Type Horizontal Unfired Pressure Vessel No. (1529) (7765) Year built 1946
(Horizontal or Vertical) (Min. serial, or A.S.M.E. No.) (State and State No.)

4. Have mill test reports been checked on all the plates entering this unfired pressure vessel. Yes
 Do the chemical and physical properties of all plates meet the requirements of the Code. Yes

5. SHELL OR DRUMS: No. 1 Diameter 8 ft. 10 in. Length over all 66 ft. 11 in. Height ft. in.
I.D. Ina. Hds.
A-212 Gr. B, FBX (or width)

6. STAMPS on shell plates 70, 800 Rivets, stays and braces Iron or Steel
(Brand and lowest tensile strength)

7. SHELL PLATES .96 in. Butt straps in. Style of seams: Longitudinal Double Butt Fusion Welded Girth Double Butt Fusion Welded
(Outer) (Thickness) (Thickness) (Riveted, Forge Welded, Braised, or Fusion Welded - Par. No.)

8. Diameter of rivet holes in. Pitch of rivets X X Efficiency of joint 80 %

9. GIRTH JOINTS in. Diameter rivet holes in. Pitch of rivets in. No. of courses 7
(Single or double riveted)

10. INNER SHELL in. Style of seams: Longitudinal Girth Length of section or course ft. in.
(Thickness) (Riveted, Forge Welded, Braised, or Fusion Welded - Par. No.)

11. HEADS: Elliptical 77" Min. in. 2:1 Side to pressure Concave
(Thickness) (Thickness) (Concave or convex)

If removable, bolts used or method of fastening
(Number and size) (Describe or sketch)

| STAYS | No. | Size | Net Area | Welded or Weldless | Area to be Stayed | Maximum Allowable Working Pressure |
|-------------------------------|-----|------|----------|--------------------|-------------------|------------------------------------|
| (a) F. H. | | | | | | |
| (b) R. H. | | | | | | |
| (c) Through | | | | | | |
| (d) Diagonal and Gusset Stays | | | | | | |

13. STAY BOLTS If hollow 14 Maximum pitch X X Diameter in.
(Iron or Steel) (Size of hole) (Horizontal) (Vertical) (Over the threads)

15. SAFETY VALVE outlets: No. 2 Size 4

16. FUSIBLE PLUG (if used): No. Diameter and material of filling Location

17. OUTLETS: No. 6 Size 2 1/2" Material of nozzle or reinforcement Steel How attached Welded
(Riveted, welded, etc.)

18. DRAIN CONNECTION 7 in. HAND HOLES OR SIGHT HOLES (Number, size and location)
(Size)

19. MANHOLES: 1 18" dia., 150# in top of shell Reinforcement Welded
(Number) (Size and location of each) (Riveted, welded, etc.)

20. NONPRESSURE PARTS: (a) Supporting lugs None Supporting skirts (b) Other nonpressure parts
(Number) (Kind and number)

21. Bursting pressure 1000 psi Hydrostatic test 400 lb 22. Constructed for pressure of 200 psi Factor of safety 5

Remarks: 106" dia. x 62' 6" Propane Storage Tank, 30,000 Gal. W.C. C. B. & I. Cont. # 1-6047
(Vessel to be used for air, gas, ammonia, etc.)

Par. U-69 Vessel Max. Temp. = 150° F. NAF. BR. CLASS. 501 30 FT.

We certify the above data to be correct and that all details of material and construction and workmanship on this unfired pressure vessel conform to the A. S. M. E. Code for Unfired Pressure Vessels.

Date 10-30-1946 Signed Chicago Bridge & Iron Co. by J. J. Henderson
(Manufacturer)

CERTIFICATE OF SHOP INSPECTION

Insurance Company's Serial Number..... *1684*

VESSEL MADE BY: Chicago Bridge and Iron Co., Birmingham, Alabama.....

I, the undersigned, holding a certificate of competency as an inspector of steam boilers in THE STATE OF
Nat'l Bd. *1858*
..... and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY

of HARTFORD, CONN., inspected internally and externally, the vessel specified in this report, on.....

10-30-1916 and certify that the statements made on this report are correct, corresponding with the mill
test reports of material as furnished by the builders, and measurements made of the vessel when completed; and that
this vessel is constructed in accordance with the A. S. M. E. Code Rules for the Construction of Unfired Pressure Vessels.

..... *H. Oscar J. White*

Inspector