

1. Manufactured by Downingtown Iron Works Inc, Downingtown, Pa. *C.R.U-H-2338.2*
(Name and address of the manufacturer)

2. Manufactured for Phillips Petroleum Co, Bartlesville, Oklahoma.
(Name and address of the purchaser)

3. Type Horiz Unfired Pressure Vessel No. (8860) N.B. 4818 Year built 1950
(Horizontal or Vertical) (Mfr's serial or A.S.M.E. No.) (Name 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

SHELL OR DRUMS: No. 1 Diameter 7 ft 10 in. I.D. Length over all 5 ft 3 in. Height 1.8 ft. heads. lg
(or width)

STAMPS on shell plates SA-212 F.B. 70,000 T. B. Rivets, stays and braces
(Brand and lowest tensile strength)

SHELL PLATES 849 in. Butt straps in. Style of joints: Fusion Welded Par. U-201 Girth: U-201
(Thickness) (Thickness) (Riveted, Forge Welded, Braze, or Fusion Welded—Par. No.)

Diameter of rivet holes in. Pitch of rivets X Efficiency of joint 80 %
(Single or double riveted)

GIRTH JOINTS Diameter rivet holes in. Pitch of rivets in. No. of courses 5
(Single or double riveted)

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

HEADS Concave dished 890 in. Radius of dish 211 in. Side to pressure Concave
(Thickness) (Concave or convex)

If removable, bolts used or methods of fastening
(Number, size) (Description of device)

STAYS	No.	Size	Net Area	Welded	Applied to	Maximum Allowable Working Pressure
(a) F. H.						
(b) R. H.						
(c) Through						
(d) Diagonal and Corner Stays						

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11. STAYBOLTS in If hollow in 14. Maximum pitch in
(Size or Steel) (Size of hole) (Horizontal, Vertical, or Diagonal)

12. SAFETY VALVE outlets: No. 2 Size 4"

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

14. OUTLETS: No. 5 Size 2 1/2" 2" 1-1/2" & 3/4" Material of nozzle or gasket Steel How attached Welded
(Riveted, welded, etc.)

15. DRAIN connection 2 in. HAND HOLES OR SIGHT HOLES in
(Size) (Number, size and location)

16. MANHOLES 1 - 18" I.D. Inshell Reinforcement Welded
(Number) (Size and location of each) (Riveted, welded, etc.)

20. NONPRESSURE PARTS (a) Supporting lugs in Supporting skirts in (b) Other Nonpressure parts 8 Clips
(Number) (Size and material) (Size and material)

(c) Why and how attached Welded to shell & head. Tank supported by concrete cradles.

21. Bursting Pressure 1000 psi Hydrostatic test 313 & 400 lb 22. Constructed for pressure of 250 psi Factor of safety 4.00

Remarks: Vessel used for storage of Propane Gas. Max. Oper. Temp, 350°F.
(Vessel to be used for air, gas, ammonia, etc.)

We certify the above data to be correct and that all details of materials and construction and workmanship to this unfired pressure vessel conform to the A. S. M. E. Code for Unfired Pressure Vessels.
 Date of Issue, previous Dec. 21, 1950
 Date DEC 18 1950 Signed Downingtown Iron Works Inc, by W. F. Keehn
(Manufacturer) (Inspector)
 D. E. W. #40-811A F. O. #0-777271 Dwg. #D-2721 V. F. Keehn

(A) 2644002

Volume = 67.95 m²
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CERTIFICATE OF SHOP INSPECTION

Insurance Company's Serial Number H. S. S. #4600

VESSEL MADE BY Downington Iron Works, Inc., Downington, Pa.

I, the undersigned, holding a certificate of competency as an inspector of steam boilers in THE STATE OF PENNS., and employed by THE HARBOR STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARBOR, CONN., inspected internally and externally, the vessel specified in this report, on DEC 18 1950 and certify that the statements made in 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.

Hugh Dolan
Inspector HARBOR BOARD COMM. 973