

FORM U-1 MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS
As Required by the Provisions of the A.S.M.E. Code Rules

1. Manufactured by Bethlehem Steel Co. Bethlehem, Penna.
(Name and address of the manufacturer)

2. Manufactured for Long Star Producing Company, Rockport, Texas
(Name and address of the purchaser)

3. Type Horizontal Unfired Pressure Vessel No. (B500, # 733) Est'd by 4573 Year built 1947
(Horizontal or Vertical) (A.S.M.E. serial, or A.S.M.E. No.) (State and Name 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 DOME: No. 1 Diameter 8 1/2 ft. Length over-all 57 ft. Height 0 1/2 ft.
(as width)

6. STAMPS on shell plates Gr. 212, 70000 Rivets, stays, and braces Double Butt
(Brand and Lowest Tensile Strength)

7. SHELL PLATES 96 in. Butt straps 96 in. Style of seams: Longitudinal Fusion Welded, 100% Double Butt
(Outer Thickness) (Thickness) (Riveted, Forge Welded, Brazed, or Fusion Welded—Par. 10)

8. Diameter of rivet holes 1 1/2 in. Pitch of rivets 4 in. Efficiency of joint 80
NOT APPLICABLE TO THIS VESSEL

9. Girth joints 7 Diameter rivet holes 1 1/2 in. Pitch of rivets 4 in. No. of courses 7
(Single or double riveted)

10. UPPER SHELL 96 in. Style of seams: Longitudinal Girth Length of section or course 8 20 9/16 in.
(Thickness) (Riveted, Forge Welded, Brazed, or Fusion Welded—Par. 10)

11. HEADS 76 1/2 in. or dished 76 1/2 in. Radius of dish Elliptical Side or pressure Concave
(Thickness) (Dished or convex)

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

STAYS	No.	Size	Min Area	Welded or Riveted	Location
12. (a) F. H.					
(b) R. H.					
(c) Through					
(d) Diagonal and Gasket Stays					

13. STAYBOLTS if hollow 14. Maximum pitch 4 in.
(Size or Steel) (Size of hole) (Horizontal)

15. SAFETY VALVE outlets: No. 2 Size 2 1/2 in.

16. FUSIBLE PLUG (if used): No. 2 Diameter and material of filling Forged Steel Location Welded
(Riveted, Welded, etc.)

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

18. DRAIN CONNECTION 2 in. HAND HOLES OR STEW HOLES COVER 25" CD, 2 3/16" 16 Bolt 8 13"
(Number, size, and location)

19. MANHOLES: 1 18" Dia. Top Reinforcement 96 Welded Rod
(Number) (Size and location of each) (Riveted, Welded, etc.)

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

(c) Where and how attached

21. Bursting pressure 400 psi Hydrostatic test 200 lb 22. Constructed for pressure of 200 psi Factor of safety 2

Remarks: Vessel to be used for propene storage.
(Vessel to be used for air, gas, ammonia, etc.)
Reamer tested at 500 lb.

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

Date: 5-21-47 By: Bethlehem Steel Co. W. R. Hamilton
Certificate of authorization expires Jan. 31, 1949

RECEIVED BY THE DEPT. OF REVENUE
MAY 21 2008

CERTIFICATE OF SHOP INSPECTION

Insurance Company's Serial Number T-185-47-315

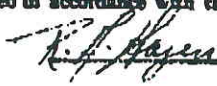
VESSEL MADE BY Bethlehem Steel Co. at Deerfield, Pa.

I, the undersigned, holding a certificate of competency as an inspector of steam boilers in THE STATE OF Pennsylvania and employed by the Travelers Indemnity Co.

of Deerfield, Pa. inspected internally and externally, the vessel specified in this report, on 21 November

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.

By A. Rosen



N. E. 2400, N. E. 1400, P. 1277

Inspector for State or Boiler Insurance Company.