

M100 PV TANK #3

FORM U-1A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS

Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only

1. Manufactured by American Car and Foundry Division, Milton, Pennsylvania

2. Manufactured for Orange and Rockland Utilities, Inc., 50 Commerce St., Spring Valley, N.Y.

3. Type Horiz. Vessel No. 34-0676-5 (Name and address of Purchaser) (Date, Serial) (Plate & State No.) Nat'l. Id. No. 20668 Yr. Built: 1960

4. SHELL: Matl. SA-212 Gr. B T.S. F.B. 70000 (Kind and Spec. No.) (Yr. or P.B. & Spec. Min. T.S.) Nom. In. Corr. 10 10-1/8 47 13/16 (Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No) Tht. Allow. In. Diam. Ft. In. Lgth. Ft. In.

5. SEAMS: Long F.W. D.B. S.R. Yes X.R. Compl. Sectioned No Efficiency 100% (riveted or brazed describe seams fully under remarks) (Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No) Girth F.W. D.B. S.R. Yes X.R. Compl. Sectioned No No. of Courses 4

6. HEADS: (a) Material SA-212 Gr. B T.S. 70000 (b) Material SA-212 Gr. B T.S. 70000

Table with columns: Location (Top, Bottom, ends), Thickness, Crown Radius, Knuckle Radius, Elliptical Ratio, Conical Apex angle, Hemispherical Radius, Flat Diameter, Side to Pressure (Convex or Concave). Rows for (a) End and (b) End.

If removable, bolts used (Material, Spec. No., T.S., Size, Number) Other fastening (Describe or Attach Sketch)

7. Constructed for {Int. pressure of 250 psi Max Temp 650 °F Subzero °F Hydrostatic Test 400 psi

8. SAFETY OR RELIEF VALVE OUTLETS: Number 2 Size 4-1/16 Location Manway Cover

9. NOZZLES: Table with columns: Purpose (Inlet, Outlet, Drain), Number, Diam or Size, Type, Material, Thickness, Reinforcement Material, How Attached.

10. INSPECTION Manholes, No. 1 Size 18 Location Top of Tank

OPENINGS Handholes, No. Threaded, No. Size Location

11. SUPPORTS: Skirt Lugs (Yes or No) (Number) Legs (Number) Other Saddles Attached Welded to tank (Describe) (Where & How)

12. REMARKS: Vessel fabricated under 1959 Code, W-XR-SR for non-corrosive service (propane) Manway Cover: SA-212 Gr. B, 25" dia. x 2-1/4" thick, 22-3/4" dia. bolt circle with additional openings 3 - 2" Additional openings in tank: 1 - 3/4", 1 - 1", 1 - 3"

(Brief description of purpose of the vessel, as Air Tank, Water Tank, L.P.G., Etc.—State Contents.)

We certify that the statements made in this report are correct and that all details of material, construction, and workmanship of this vessel conform to the ASME Code for Unfired Pressure Vessels.

Date 7-18 19 60 Signed ACF Industries, Incorporated By A.E. Snyder (Manufacturer)

Certificate of Authorization Expires No. 677 expires Dec. 31, 1961

CERTIFICATE OF SHOP INSPECTION. Inspection Agency's Serial No. HSB 20668. VESSEL MADE BY ACF Industries, Incorporated at Milton, Pennsylvania. I, the undersigned, holding a Certificate of Competency as an Inspector of Boilers and Unfired Pressure Vessels in THE STATE OF PENNSYLVANIA and employed by HARTFORD-STEAM BOILER INSPECTION AND INSURANCE COMPANY, HARTFORD, CONN., inspected internally and externally, the vessel described in this report on 7-18 1960 and certify that the statements made in this report are correct corresponding with mill test reports of materials furnished by the builders, and measurements made of the vessel and that this vessel is constructed in accordance with the ASME Code for Unfired Pressure Vessels. Date 7-18 19 60. Inspector's Signature. Commissions N.B. 1888 State or Nat'l Ed. & Number.