

**FORM U-1A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS**  
 Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only

1. Manufactured by AMF BEARD, INC., SHREVEPORT, LOUISIANA  
(Name and address of Manufacturer)

2. Manufactured for COOKEVILLE GAS DEPARTMENT, COOKEVILLE, TENNESSEE  
(Name and address of Purchaser)

3. Type Horiz. Vessel No. (174464-1) (        ) Natl. Bd. No. 85035 Yr. Built 1970  
(Horiz. or Vert.) (Mfr. Serial) (State & State No.) (Spot or Complete) (Yes or No)

4. SHELL: Matl. SA-515-70 T.S. 70,000# Nom. 15/16 Corr.         
(Kind and Spec. No.) (Fig. or P.B. & Spec. Min. T.S.) Thk. In. Allow 0 In. Diam. 10 Ft. 10 In. Length 36 Ft. 1-3/4 In.

5. SEAMS: Long. Dbl. Butt H.T. Yes R.T. Complete Sectioned No Efficiency 100 %  
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)  
 Girth Dbl. Butt H.T. Yes R.T. Complete Sectioned No No. of Courses 5

If riveted or brazed describe same fully under remarks.

6. HEADS: (a) Material SA-455-B T.S. 73,000# (b) Material        T.S. \* See remarks  
Location (Top, bottom, ends) Thickness Crown Radius Elliptical Ratio Conical Apex Angle Non-spherical Radius Flare Diameter Size to Pressure (Concave or Convex)  
 (a) Ends .528"                      65.4095" Concave  
 (b)                                          

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

7. Constructed for max. allowable working press. 250 psi at max. temp. 100 °F. Min. temp. (when less than -20°)        °F. Hydrostatic Pneumatic or Combination Test Press. 375 psi.  
 Top of tank

8. SAFETY OR RELIEF VALVE OUTLETS: Number 1 Size 4" Location in manway cover

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diem. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
	(1)	1"	(2) 2" (1) 2-1/2"	3000# Cplgs.	SA-105-II		Welded
	(1)	2"	3000# Half Cplg.		SA-105-II		Welded
	(1)	3"	6000# Cplg.		SA-105-II		Welded
	(1)	1" x 1/4"	3000# Reducing Cplg.		SA-105-II		Welded
	(1)	3/4" Sch. 80	Seamless Pipe (Thermowell)		SA-106-B		Welded

10. INSPECTION Manholes, No. 1 Size 18" Location Top of tank in shell

OPENINGS: Handholes, No.        Size        Location         
 Threaded, No.        Size        Location       

11. SUPPORTS: Skirt        Lugs        Legs        Other (2) Saddles Attached Shipped loose  
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: 130" I.D. x 47' 1-5/8" O.A. Length 29,998 W.G. Propane Storage Tank, per Beard Dwg. Order 174464

\* Head seams spot X-rayed Joint Eff. 85%  
(Note: description of purpose of the vessel as Air Tank, Water Tank, L.P.G., etc.—State Contents. 1 If postweld heat-treated. 2 List other internal or external pressures with coincident temperature when applicable.)

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Unfired Pressure Vessels. 1968 Edition Div. 1  
 Date 5-15 1970 Signed AMF BEARD, INC. By W.B. Thomas  
(Manufacturer)

Certificate of Authorization Expires December 31, 1970

**CERTIFICATE OF SHOP INSPECTION**

VESSEL MADE BY AMF BEARD, INC. at SHREVEPORT, LOUISIANA

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province N. B. and employed by EMPLOYERS COMMERCIAL UNION INSURANCE CO. of AMERICA have inspected the pressure vessel described in this manufacturer's data report on 5-15 1970 and state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the applicable sections of the ASME Boiler and Pressure Vessel Code.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this manufacturer's data report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 5-15 1970  
Inspector's Signature        Commissioned N. B. COMM. 2660  
Natl. Board or State and No.