

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

Alternate Form For Single Chamber Completely Shop Fabricated Vessels Only

As required by the Provisions of the ASME Code Section VIII — Division I and the National Board

1. Manufactured by RILEY BEAIRD, INC., SHREVEPORT, LOUISIANA  
 Stock (Name and address of Manufacturer)

2. Manufactured for \_\_\_\_\_  
 (Name and address of Purchaser)

3. Type Horiz. Vessel No. 107262-04-5 (Mfrs. Serial) (State & Std. No.) Nat'l Bd. No. 36941 Yr. Built 1974

4. SHELL: Mat'l SA-612-B T.S. 81,000 (Kind and Spec. No.) (Ftg. or F. B. & Spec. Min. T.S.)  
 Thk. 11/16 (Nom. Corr.) In Allow. 0 In. Diam. 9 ft. 0 in. Length 56 ft. 10-1/2 in.

5. SEAMS: Long Dbl. Butt HT No R. Complete Sectioned No Efficiency 100 %  
 (Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)  
 Girth Dbl. Butt HT No R. Complete Sectioned No No. of Courses 7

If riveted or brazed describe same fully under remarks

6. HEADS: (a) Material SA-612-A T.S. 83,000 (b) Material \_\_\_\_\_ T.S. \_\_\_\_\_

* Location (Top, bottom, ends)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a) <u>Ends</u>	<u>.40625"</u>					<u>54.007"</u>		<u>Concave</u>
(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 Test Press. 375 psi

8. SAFETY OR RELIEF VALVE OUTLETS: Number 3 Size 2" Location Top of tank

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
<u>(5) 2" 3000# Half Cplgs.</u>				<u>F.S.</u>			<u>Welded</u>
<u>(1) 2-1/2" 3000# Cplg.</u>				<u>F.S.</u>			<u>Welded</u>
<u>(1) 1" x 1/4" 3000# Reducing Cplg.</u>				<u>SA-105-II</u>			<u>Welded</u>
<u>(1) 3/4" Sch. 80 Seamless Pipe (Thermowell)</u>				<u>SA-106-B</u>			<u>Welded</u>
<u>(2) 3" 6000# Pad Type Cplgs.</u>				<u>SA-516-70</u>			<u>Welded</u>

10. INSPECTION Manholes, No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_  
 OPENINGS Handholes, No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_  
 Threaded, No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_

11. SUPPORTS: Skirt \_\_\_\_\_ Lugs \_\_\_\_\_ Legs \_\_\_\_\_ Other \_\_\_\_\_ Attached \_\_\_\_\_  
 (Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: 108" I.D. x 65' 9-1/2" O.A. Length 29,853 W.G. Propane Storage Tank,  
per Riley Beard, Inc. Dwg. Order No. 107262-04  
\*Head Seams spot X-rayed. Joint Eff. 85%

(Brief description of purpose of the vessel, as Air Tank, After Cooler, Jacketed, 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, Section VIII, Division I, 1971 Edition

Date December 16, 1974 Signed RILEY BEAIRD, INC. By [Signature]  
 (Manufacturer)

Certificate of Authorization Expires March 12, 1976

**CERTIFICATE OF SHOP INSPECTION**

VESSEL MADE BY RILEY BEAIRD, INC. at SHREVEPORT, LOUISIANA

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of \_\_\_\_\_ and employed by COMMERCIAL UNION INSURANCE CO. of \_\_\_\_\_ have inspected the pressure vessel described in this manufacturer's data report on December 16, 1974, 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 12-18 1974  
[Signature] Inspector's Signature  
[Signature] PA. 1802  
 Commission # N. B. COMM. 1860  
 National Board State, Province and No. N. B. COMM. 4497