16.60

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 Rules, Section VIII, Division 1

1 Manufactured by Riley Beaird, Inc., Shreveport, Louisiana
2 Manufactured for Ortloff International, Houston, Texas
3 Location of Installation
4 Type Horiz. Tank (Name of Vessel Tank) 140328-01-1 (Registration No.) 140328-01-A (Drawing No.) 51379 (Nat'l Bd. No.) (Year Built) 1977

5 The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 1974 and Addenda to Winter 1976 and Code Case Nos. N/A

* As Indicated in the Shop Inspector's Log
Special Service per UG-120(d) N/A
Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report N/A (Name of part, item number, Mfgr. Name and identifying stamp)

6 Shell Matl. SA-515-70 (Spec. No. Grade) Nom. Thk. 9/16 in. Corr. Allow. 1/16 in. Diam. 12 ft. 0 in. Length 67 ft. 9-5/16 in.

7 Seams Long Dbl. Butt (Welded, Dbl. Long., Lap Butt) R.T. Spot (Spot or Full) Efficiency 85 % H.T. Temp. N/A F Time ___ hr.
Girth Dbl. Butt (Welded, Dbl. Long., Lap Butt) R.T. Spot (Spot, Partial or Full) No. of Courses 10

8 Heads (a) Material SA-515-70 (Spec. No. Grade) (b) Material ___ (Spec. No. Grade)

Crown Dia. Lines	Min. Thk.	Corr. Allow.	Crown Radius	Knuckle Radius	Ellipse Ratio	Conical Apex Angle	Hemisph. Radius	Flat Depth	Side to Pressure Convex or Concave
Ends	5/16"	1/16"					72.002"		Concave

* removable, bolts used (describe other fastenings) ___ (Material Spec. No. Gr. Size No.)

9 Constructed for max. allowable working pressure 102 psi at max. temp. 150 F. Min. temp. (when less than -20 F) ___ F. Hydrostatic [redacted] test pressure 173 psi
10 Safety Valve Outlets Number 1 Size 6" Location Top In Shell
11 Nozzles and Inspection Openings Drain (1) 3/4" Cplg. SA-105 3000# Welded Mwy. Cover

Purpose (Manufacturer's Drawing)	No.	Diam. Inside	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
Manway	(1)	18"	150# LWN	SA-105	1"	SA-515-70	Welded	Shell
Relief	(1)	6"	150# WN	SA-105	.432"	SA-515-70	Welded	Shell
Outlet	(1)	4"	150# WN	SA-105	.337"	SA-515-70	Welded	Shell
Level	(2)	3"	150# WN	SA-105	.300"	SA-515-70	Welded	Shell
Inlet (1) Drain (1)		2"	150# WN	SA-105	.343"		Welded	Shell
Vap. Ret.	(1)	2"	150# WN	SA-105	.343"		Welded	Shell

12 Supports: Skirt No (Yes or no) Lugs ___ (No.) Legs ___ (No.) Other (2) Saddles (Describe) Attached Welded to Shell (Where and how)

13 Remarks 144" I.D. X 79' - 5-7/8" O.A. Length 64,000 W.G. Butane Plus Product Tank.

CERTIFICATE OF COMPLIANCE

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 Pressure Vessels, Section VIII, Division 1.
Date 10-18-77 Signed RILEY BEAIRD, INC. (Manufacturer) by R. F. McKenny (Representative)
U Certificate of Authorization No. 11,840 expires March 12, 1979

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 APR. La. and employed by COMM. UNION INS. CO. OF BOSTON, MASS. have inspected the pressure vessel described in this Manufacturers' Data Report on * 10/11, 1977, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied concerning the pressure vessel described in the Manufacturers' 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.
Signed [signature] Date [illegible] Commissions N. B. Comm. 8431 N. B. Comm. 7167 (Nat'l Board, State, Province and No.)

This form may be obtained from the National Board of Boiler and Pressure Vessel Inspectors, Columbus, Ohio