



TRANSTECH ENERGY

LPG & NGL STORAGE SOLUTIONS

30,000-Gallon Storage Vessel Oxford, GA

Manufacturer	Year	Capacity	PSI	Serial Number/ National Board Number
Riley Beard	1973	30,000	250	102734-01-11 / 16520



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 BEARD, INC., SHREVEPORT, LOUISIANA
 (Name and address of Manufacturer) SHIP C/O CITY OF MONROE

2. Manufactured for APPLIED ENGINEERING CO., ORANGEBURG, S.C. MONROE, GEORGIA
 (Name and address of Purchaser)

3. Type Horiz. Vessel No. 102734-01-11 (Mfrs. Serial) (State & Std. No.) Nat'l Bd. No. 16520 Yr. Built 1973
 (Horiz. or Vert.)

4. SHELL: Mat'l SA-612-B T.S. 81,000# Nom. Thk 13/16 in. Corr. Allow. 0 in. Diam. 10 ft. 10-1/4 in. Length 36 ft. 0-1/2 in.
 (Kind and Spec. No.) (Fig. or F. B. & Spec. Min. T.S.)

5. SEAMS: Long Dbl. Butt H.T. No 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. No R.T. Complete Sectioned No No. of Courses 5

* 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) Ends	15/32"					65.1347"		Concave
(b) _____								

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. Hydraulic Test Press. 375 psi.

8. SAFETY OR RELIEF VALVE OUTLETS: Number 3 Size 2" Location Top of tank in shell
1 4" Top of tank in manway cover

9. NOZZLES: (1) 1/4" x 1" 3000# Reducing Cplg. SA-105-II Reinforcement Material Welded
 Purpose, (Inlet, Outlet, Drain) Number Diam. or Size Type Material Thickness
(1) 1" 3000# Cplg. (3) 2" 3000# Half Cplgs. F.S. Welded
(1) 2" (2) 3" 300# Drilled & Tapped Pad Type Flgs. SA-515-70 Welded
(1) 2-1/2" Special Gauge Adapter SA-515-70 W/ SA-106-B Welded
(1) 3/4" Sch. 80 Seamless Pipe (Thermowell) SA-106-B Welded
(1) 2" Drilled & Tapped (1) 4" Drilled hole in manway cover

10. INSPECTION Manholes, No. 1 Size 16" Location 150# Pad Type SA-105-II
 OPENINGS Handholes, No. _____ Size _____ Location Top of tank in shell
 Threaded, No. _____ Size _____ Location _____

11. SUPPORTS: Skirt _____ Lugs _____ Legs _____ other (2) Saddles Attached Welded to tank shell
 (Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: 130-1/4" I.D. x 46' 9-1/2" O.A. Length 29,835 W.G. Propane Storage Tank,
per Riley Beard, Inc. Dwg. Order No. 102734-01
* Head seams spot X-rayed Joint Eff. 85%

If riveted or brazed describe seams fully under remarks

(Brief description of purpose of the vessel, as Air Tank, After Cooler, Jacketed Cooker, 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 10-23 1973 Signed RILEY BEARD, INC. By R.F. McKinnis
 (Manufacturer)

Certificate of Authorization Expires March 12, 1976

CERTIFICATE OF SHOP INSPECTION

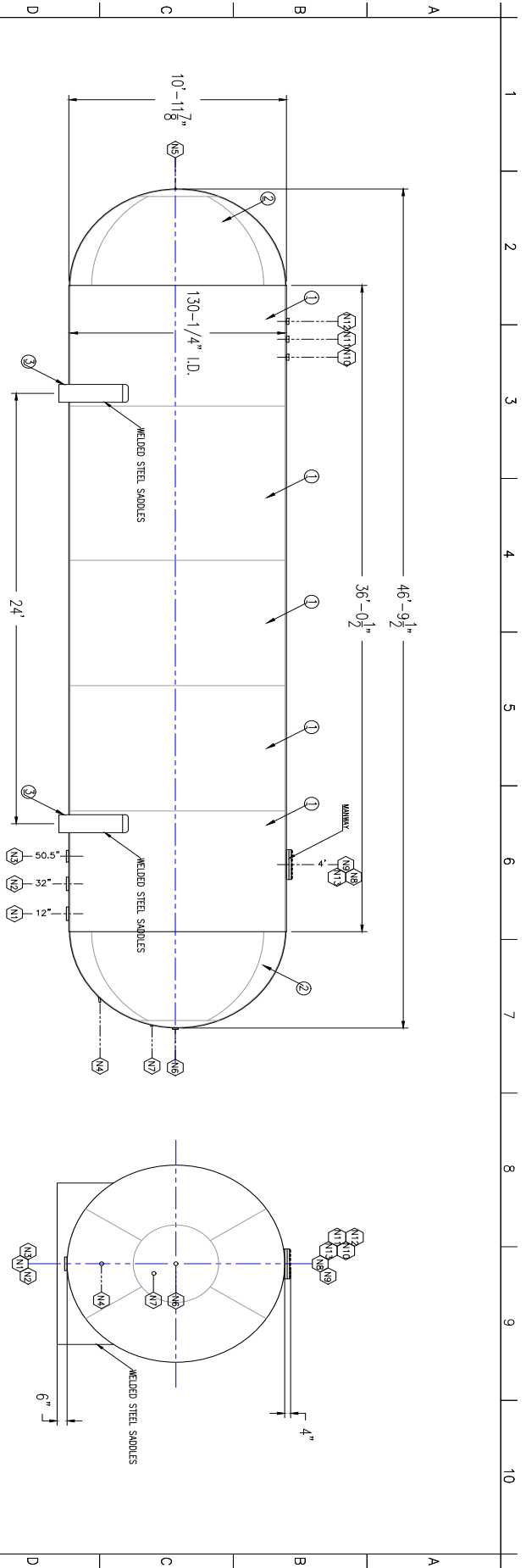
VESSEL MADE BY RILEY BEARD, INC. at SHREVEPORT, LOUISIANA

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 10-23 1973 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 10-24 1973
Fred F. Nadine
 Inspectors Signature

Commissions N. B. COMM. 4763
 Nat'l Board, State, Province and No.

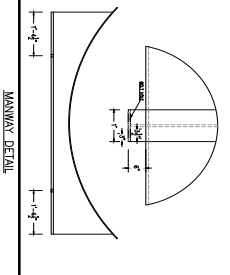
Drawing for Sister Tank.



BILL OF MATERIALS PER VESSEL

#	QTY	MATERIAL	T.S.	THICKNESS	DESCRIPTION
1	5	SA-612-B	81,000#	13/16"	SHELL
2	2	SA-612-A	83,000#	15/32"	CONCAVE HEADS
3	2	SADDLES	-	-	WELDED TO TANK SHELL
4	4				
5	5				
6	6				
7	7				
8	8				
9	9				
10	10				
11	11				
12	12				
13	13				
14	14				
15	15				
16	16				

STEEL SADDLE DETAIL



NOZZLE SCHEDULE

ITEM	SIZE	TYPE	LOCATION OF TANK SHELL	MATERIAL
N1	3"	3000 DRILLED AND TAPERED PAD FLG	TOP OF TANK SHELL	SA-312-70
N2	3"	3000 DRILLED AND TAPERED PAD FLG	BOTTOM OF TANK SHELL	SA-312-70
N3	3/4"	3000 DRILLED AND TAPERED PAD FLG	HEAD OF TANK SHELL	SA-312-70
N4	3/4"	3000 DRILLED AND TAPERED PAD FLG	HEAD OF TANK SHELL	F.S.
N5	2.5"	SPECIAL GUNGE ADAPTER	HEAD OF TANK SHELL	SA-312-B
N6	1 1/2"	3000 REDUCING CRG	HEAD OF TANK SHELL	SA-312-70 W/ SA-106-B
N7	1 1/2"	3000 REDUCING CRG	HEAD OF TANK SHELL	SA-105-II
N8	16"	3000 HALF COUPLING	TOP OF TANK SHELL	F.S.
N9	2"	3000 HALF COUPLING	TOP OF TANK SHELL	F.S.
N10	2"	3000 HALF COUPLING	TOP OF TANK SHELL	F.S.
N11	2"	3000 HALF COUPLING	TOP OF TANK SHELL	F.S.
N12	2"	3000 HALF COUPLING	TOP OF TANK SHELL	F.S.
N13	2"	DRILLED & LAPED	MANWAY COVER	F.S.

VESSEL SPECIFICATIONS

ALL MEASUREMENTS AND OPENINGS ON DRAWING REFLECTS UTA

MANUFACTURER: RILEY BEARD, INC

YEAR BUILT: 1973

SHELL THICKNESS: 13/16" HEAD THICKNESS: 15/32" OVERALL LENGTH: 46' 9-1/2"

VOL: 30,000 W.G. I.D.: 130' 1/4" SERIAL NUMBER: 102734-01-12 | NATL. BD.: 16511

HEAD SEAMS SPOT X-ROVED JOINT EFF: 85%

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TRANSTECH ENERGY
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TANK
DETAIL

PROJECT TITLE: RILEY BEARD, INC. 30,000 GALLON TANK

DRAWING NO.: 12Z73RLEBEARD

DATE: 3/4/22

SCALE: AS SHOWN

DRAWN BY: [blank]

CHECKED BY: [blank]

DESIGNED BY: [blank]

PROJECT NO.: 34422

SHEET NO.: [blank]