

WO# 9470
 SN# 60262
 INV.

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 Lubbock Manufacturing Company Lubbock, Texas 79408
 2. Manufactured for _____
 3. Location of Installation _____
 4. Type Horiz. 60262 TR1607 4512 (Year Built) 1979
 (Horiz. or vert. tank) (Mfg'r's Serial No.) (CRN) (Drawing No.) (Nat'l Brd No.)

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 1977 and Addenda to 12-78 and Code Case Nos. _____
 (Year) (Date)

Special Service per UG-120(d) _____
 Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: _____

6. Shell: Matl. SA517-E Nom. Thk. .352 in. Corr. None in. Allow. None in. Diam. 61.2" I.D. in. Lgth. 446" ft. in.

7. Seams: Long. Welded Dbl. Butt R.T. Full Efficiency 100 % H.T. Temp. 1025 F Time 1 hr
 (Welded, Dbl, Sngl, Lap, Butt) (Spot or Full)
 Girth Welded Double Butt R.T. Full No. of Courses 4
 (Welded, Dbl, Sngl, Lap, Butt) (Spot, Partial, or Full)

8. Heads: (a) Material SA517-E (Spec. No., Grade)
 (b) Material SA517-E (Spec. No., Grade)

	Location (Top, Bottom, Ends)	Min. Thk.	Corr. Allow.	Crown Radius	Knuckle Radius	Ellipse Ratio	Conical Apex Angle	Hemiph. Radius	Flat Diam.	Side to Pressure (Convex or Concave)
(a)	END	.250"	None					30.6" I.D.		Concave
(b)	END	.250"	None					30.6" I.D.		Concave

If removable, bolts used (describe other fastenings) _____
 9. Constructed for max. allowable working pressure 325 (Material, Spec. No., Gr., Size, No.)
 less than -20 F) -50° F. Hydrostatic, pneumatic, or combination test pressure 650 psi. F. Min. temp. (when less than -20 F) _____

*10. Safety Valve Outlets: Number _____ Size _____ Location _____

11. Nozzles and Inspection Openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
Manway	1	15"	Flange	SA517E	1.50"	Integral	Welded	End
Liq. ELT. GA.	1	8"	"	"	"	"	"	"
Vapor Vent	1	2.50"	"	"	1.625"	"	"	"
GA.	1	.75"	CPLG	"	1"	"	"	"
GA.	1	.50"	"	"	1.50"	"	"	"

12. Supports: Skirt _____ Lugs _____ Legs _____ Other Steel Saddles Attached _____
 (Type or No.) (No.) (No.) (Describe) (Where and how)

13. Remarks: MC331 5400 gallon Liquid Co2 transport tank trailer. All outside welds were inspected by magnetic particle method. All inside welds were inspected by wet fluorescent magnetic particle method.
 * Two safety valves located in plumbing on 2 1/2" Vapor Line.

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 1/3/79 Signed Lubbock Manufacturing Co. by John W. Anderson (Manufacturer) (Representative)
 "U" Certificate of Authorization No. 651 expires 12/31, 19 79

CERTIFICATE OF SHOP INSPECTION
 Vessel made by Lubbock Manufacturing Company at Lubbock, Texas 79408
 I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Texas and employed by Commercial Union Ins Co have inspected the pressure vessel described in this Manufacturers' Data Report on 1-23 19 79, 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 Don E. Maham Date 3-23 19 79 Commissions National Board # 7457
 (Inspector) (Nat'l Board, State, Province and No.)