

FORM U-1-A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS
ALTERNATE FORM FOR SINGLE CHAMBER COMPLETELY SHOP FABRICATED VESSELS ONLY

1. Manufactured by LURBOCK MANUFACTURING COMPANY - LURBOCK, TEXAS
 123294 (Name and address of Manufacturer)

2. Manufactured for Ace Gas, Inc. - Superior, Nebraska
 (Name and address of Purchaser)

3. Type Horiz. Vessel No. 55998 (Mfr's Serial) (State & State No.) Nat'l Bd. No. 691 Year Built 1965
 (Horiz. or Vert.)

4. SHELL: Material Case 1204-11 T.S. 115,000 Nom. .399 Corr. 86 In. Diam. 366 In. Length 366 In.
 (Kind & Spec. No.) (Flg. or F. B. & Spec. Min. T. S.) Thick. Allow.

5. SEAMS: Long Welded Butt H. T. SR X.R. Comp. Sectioned No Efficiency 100 %
 (Welded, Dbl., Single, lap, Butt) (Yes or No) (Spot or Comp.) (Yes or No) If riveted de-scribe seams fully on re-verse side of form

6. HEADS: (a) Material Case 1204-11 T.S. 115,000 (b) Material Case 1204-11 T.S. 115,000
 Location Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex angle Hemispherical Radius Flat Diameter Side to Pressure (Convex or Concave)

| Location | Thickness | Crown Radius | Knuckle Radius | Elliptical Ratio | Conical Apex angle | Hemispherical Radius | Flat Diameter | Side to Pressure (Convex or Concave) |
|----------------|-------------|--------------|----------------|------------------|--------------------|----------------------|---------------|--------------------------------------|
| (a) <u>End</u> | <u>.250</u> | | | | | <u>13"</u> | | <u>Concave</u> |
| (b) <u>End</u> | <u>.250</u> | | | | | <u>13"</u> | | <u>Concave</u> |

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

7. Constructed for max. allowable working press. 265 psi. at max temp. 150 °F. Min. temp. (when less than - 20 °) _____ °F. Hydrostatic Pneumatic or Test Press. 530 psi. Combination

8. SAFETY OR RELIEF VALVE OUTLETS: Number 2 Size 3w Location Top

9. NOZZLES:

| Purpose (Inlet, Outlet, Drain) | Number | Diam. or Size | Type | Material | Thickness | Reinforcement Material | How Attached |
|--------------------------------|----------|----------------|-----------------|---------------------|-----------|------------------------|---------------|
| <u>Liquid</u> | <u>3</u> | <u>3"</u> | <u>Flange</u> | <u>Case 1204-11</u> | | | <u>Welded</u> |
| <u>Vapor</u> | <u>2</u> | <u>2" Pipe</u> | <u>Flg. 615</u> | <u>"</u> | <u>"</u> | | <u>"</u> |
| <u>Hyd. Level</u> | <u>1</u> | <u>1" w</u> | <u>"</u> | <u>"</u> | <u>"</u> | | <u>"</u> |
| <u>Manholes</u> | <u>5</u> | <u>17/8" w</u> | <u>"</u> | <u>"</u> | <u>"</u> | | <u>"</u> |
| <u>Vent</u> | <u>1</u> | <u>3/4" w</u> | <u>"</u> | <u>"</u> | <u>"</u> | | <u>"</u> |

10. Inspection Manholes, No. 1 Size 15" Location End Case 1204-11 Welded
 OPENINGS: Handholes, No. _____ Size _____ Location _____
 Threaded, No. _____ Size _____ Location _____

11. SUPPORTS: Skirt _____ Lugs _____ Legs _____ Other Steel Cradles Attached Bottom Welded
 (Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: 1962 Code Straight Barrel LP Gas or Ammonia Transport

(Brief description of purpose of the vessel as Air Tank, Water Tank, L.P.G., - State Contents)
 1 If postweld heat-treated. 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 unfired pressure vessel conform to the ASME Code for Unfired Pressure Vessels.

Date May 25, 1965 Signed LURBOCK MFG. COMPANY By D. A. Rogers
 (Manufacturer)

Certificate of Authorization Expires 12-31-67

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY LURBOCK MANUFACTURING COMPANY at LURBOCK, TEXAS

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of New York, New York and employed by Commercial Union Ins. Company of _____

_____ have inspected the pressure vessel described in this manufacturer's data report on 5-25-65 1965, 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 5-25-65 1965
BK Williams Inspectors Signature Commissions Nat'l Bd. # 4448
 Nat'l Board or State and No.