

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 Chicago Bridge & Iron Company Salt Lake City, Utah  
 (Address of Manufacturer) CBI Contract 73-5597-2

2. Manufactured for Gas Light Co. of Columbus, Columbus, Georgia  
 (Name and address of Purchaser)

3. Type vert Vessel No. (S1036) (Mfrs. Serial) (none) (State & State No.)  
 (Horiz. or Vert.) (Purchasers Order No.)

4. SHELL: Matl. SA516 GR. 70 T.S. 70,000 Nom. 3 In. Allow. 0.31 In. Diam. 5 Ft. 38 In. Length 34 Ft. 8 In.  
 (Kind and Spec. No) (Fig. or F.B. & Spec. Min. T.S.) (State & State No.) (Spot or Complete) (Yes or No) Efficiency 100%  
 Cor. 14 In. (Yes or No)

5. SEAMS: Long dbl. butt weld H.T. yes R.T. comp Sectioned no Efficiency 100%  
 (Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)  
 Girth dbl. butt weld H.T. yes R.T. comp Sectioned no No. of Courses 4

If riveted or brazed describe seams fully under remarks.

6. HEADS: (a) Material SA516 GR. 70 T.S. 70,000 (b) Material SA516 GR. 70 T.S. 70,000  
 Location Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex Angle Hemispherical Radius Flat Diameter Side to Pressure  
 (Top, bottom, ends) (Convex or Concave)  
 (a) bottom 1 3/4 2:1 2'7 13 concave  
 (b) top .893 2'7 16 concave  
 If removable, bolts used \_\_\_\_\_ Other fastening \_\_\_\_\_  
 (Material, Spec. No., T.S., Size, Number) (Describe or Attach Sketch)

7. Constructed for max. allowable working press. 900 psig at max. temp. 650 °F Min. temp. (when less than -20°) \_\_\_\_\_ °F  
 Hydrostatic ~~XXXXXXXX~~ Test Press 1403 psig

8. SAFETY OR RELIEF VALVE OUTLETS: Number 1 Size 2 Location top head

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
outlet-inlet	2	6Ø	flg	SA53-B	.432	SA516 GR. 70	Welded
outlet	1	6Ø	flg	SA106-B	.562	do	do
hand hole	2	12Ø	flg	do	1.000	Ø	do
relief	1	2Ø	flg	do	.343	----	do
purge	1	1Ø	flg	do	.358	----	do

10. INSPECTION Manholes, No. 2 Size 20Ø Location top & bottom heads  
 OPENINGS. Handholes, No. 2 Size 12Ø Location shell  
 Threaded, No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_

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

12. REMARKS: Natural Gas AD-2  
 (Brief description of purpose of vessel as Air Tank, Water Tank, L.P.G., Etc. - State Contents)

\*\* Closing seam shell to top head not PWHT

<sup>1</sup> If postweld heat treated <sup>2</sup> 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 Pressure Vessels, Section VIII, Division I.  
 Date MARCH 8 1974 Signed Chicago Bridge & Iron Company By C.D. Webb  
 Certificate of Authorization Expires No. 10709 Expires November 6, 1974

**CERTIFICATE OF SHOP INSPECTION**

VESEL MADE BY Chicago Bridge & Iron Company at Salt Lake City, Utah

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of Utah and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, Conn.

have inspected the pressure vessel described in this manufacturer's data report on MARCH 8 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 kind arising from or connected with this inspection.