

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

RJC
DRL

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

2. Manufactured for Gas Light Co. of Columbus, Columbus, Georgia
 (Name and address of Purchaser) (Purchasers Order No.)

3. Type vert Vessel No. (S1035) (none) Natl. Bd. No. none Yr. Built 1974
 (Horiz. or Vert.) (Mfrs. Serial) (State & State No.)

4. SHELL: Matl. SA516 GR. 70 T.S. 70,000 Nom. 3 Corr. 031 In. Allow. 5 Ft. 38 In. Length 34 Ft. 8 In.
 (Kind and Spec. No) (Fig. or F.B. & Spec. Min. T.S.)

5. SEAMS: Long dbl. butt weld H.T. yes R.T. comp Sectioned no Efficiency 100 %
 (Welded, Dbl., Single, Lap, Butt) (Yes or No)¹ (Spot or Complete) (Yes or No)

Girth dbl. butt weld H.T. yes ** R.T. comp Sectioned no No. of Courses 4

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 (Convex or Concave)
(a) <u>bottom</u>	<u>1 3/4</u>			<u>2:1</u>				<u>concave</u>
(b) <u>top</u>	<u>.893</u>					<u>2'7 13/16</u>		<u>concave</u>

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

If riveted or brazed describe seams fully under remarks.

7. Constructed for max. allowable working press.² 900 psig at max. temp. 650 °F Min. temp. (when less than -20°) _____ °F

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	60	flg	SA53-B	.432	SA516 GR. 70	Welded
outlet	1	60	flg	SA106-B	.562	do	do
hand hole	2	120	flg	do	1.000	do	do
relief	1	20	flg	do	.343	---	do
purge	1	10	flg	do	.358	---	do

10. INSPECTION Manholes, No. 2 Size 200 Location top and bottom heads

OPENINGS. Handholes, No. 2 Size 120 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-1
 (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**

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 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 (Manufacturer) Expires November 6, 1974

CERTIFICATE OF SHOP INSPECTION

VESSEL 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 or Province 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 3-8 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 personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date March 8 1974
 Inspector's Signature Akt Peterson Commissions Utah Comm #3
 National Board, State or Province and No.