

**FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS**  
 (Alternative 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 and certified by DAL-WORTH FABRICATION, INC., 2750E. MAIN ST, GRAND PRAIRIE, TX 75050  
 (Name and address of manufacturer)

Manufactured for HOWE-BAKER ENGINEERING, INC., 9894 BISSONNET, SUITE 888, HOUSTON, TX  
 (Name and address of purchaser)

3. Location of installation MARKHAM GAS PROCESSING PLANT, MURPHY ROAD, MARKHAM, TX 77456  
 (Name and address)

4. Type HORIZ. 67,810 -- DW-4093 3112 2001  
 (Horiz. or vert. tank) (Mfg's serial No.) (CRN) (Drawing no.) (Nat'l Bd. No.) (Year built)

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 1998  
 Year  
 to A99 -- --

6. Shell: SA-516 70N 1.125" .0625" 7' 6" 60' 0"  
 Addenda (Date) Code Case Nos. Special Service per UG 120(d)  
 Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: TYPE 1 FULL 100% -- -- TYPE 1 SPOT 6  
 Long. (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp (F) Time (hr) Girth (welded, Dbl., Sngl., Lap, Butt) R.T. (Spot, Partial, or Full) No. of Courses

8. Heads: (a) Mat'l. SA-516 70N (b) Mat'l. --  
 (Spec No., Grade) (Spec No., Grade)

Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a) <u>ENDS</u>	<u>1.082"</u>	<u>.0625"</u>	<u>--</u>	<u>--</u>	<u>2:1</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>CONCAVE</u>
(b) <u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>

If removable, bolts used (describe other fastenings) --

9. MAWP 450 (Mat'l. Spec. No., Gr., Size, No.)  
 design metal temp. -20 psi at max. temp. 300 °F  
 °F at 450 psi Hydro., Pres. or Comb. test pressure 585 psi

**CONTINUED ON SUPPLEMENT SHEET**

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Mat'l.	Nom. Thk.	Reinforcement Mat'l.	How Attached	Location
LIQ. INLET	1	6"	RFLWN	SA-105	1.0625"	SA-516 70	WELDED	SHELL
LIQ. RETURN	1	6"	RFLWN	SA-105	1.0625"	SA-516 70	WELDED	SHELL
LIQ. OUTLET	1	8"	RFLWN	SA-105	1.2500"	SA-516 70	WELDED	SHELL
EQUALIZER	1	4"	RFHB	SA-105	1.4000"	--	WELDED	SHELL

11. Supports: Skirt NO Lugs -- Legs -- Other SADDLES Attached BOTTOM/WELDED  
 (Yes or no) (No.) (No.) (Describe) (Where and how)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of this report: --

(Name of part, item number, Mfg's name and identifying stamp)  
PRODUCT SURGE TANK V-125; RELIEF VALVES PROVIDED BY OTHERS  
P.O. NO. 140-1775-00-015; MDMT PER UCS-66(a) S/O 5038

CERTIFICATE OF SHOP 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. "U" Certificate of Authorization No <u>578</u> expires <u>4/30/2002</u> xx	
Date <u>4/9/01</u>	Co. name <u>DAL-WORTH FABRICATION, INC</u> Signed <u>BR Meibohm</u>
(Manufacturer)	(Representative)
CERTIFICATE OF SHOP INSPECTION	
Vessel constructed by <u>DAL-WORTH FABRICATION, INC.</u> at <u>GRAND PRAIRIE, TEXAS</u>	
I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>TEXAS</u> and employed by <u>IB&amp;M RE</u> have inspected the component described in this Manufacturer's Data Report on <u>4/9/01</u> <u>XXX</u> 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 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 <u>4/9/01</u>	Signed <u>[Signature]</u> Commissions <u>NB 9441-A; TEXAS - 1066</u>
(Authorized Inspector)	(Nat'l Board. (incl. endorsements) State, Prov. and No.)

