

A170180

2/17/1980

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 W.O. 6225

1. Manufactured by Porta-Test Systems, Ltd., 55th Ave. & 17th St., Edmonton, Alberta
2. Manufactured for HOME OIL LTD., 304 - 6 Avenue S.W., Calgary, Alberta
3. Location of Installation PAN AM A-1 BATTERY, UNIT NO 1 SWAN HILLS, ALBERTA
4. Type HORIZONTAL (Name of vessel) PT-2312 (ASME Serial No) D-6580.2 1596-0-1 (Year Built) 8/80

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 \_\_\_\_\_ and Code Case Nos. \_\_\_\_\_

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: Heads, MK. 2, C.E. Macpherson Co. 32615-80-40 & 41

6. Shell: Matl. SA-516-70 (Spec. No., Grade) Min (Min. Thickness) 2.7mm Corr. Allow. 1.6mm Diam. 3048mm Length 14224mm

7. Seams: Long. Welded, Double, Butt (Welded Det. Spgt. Lap. Butt) R.T. (Spot or Full) SPOT Efficiency \_\_\_\_\_ % H.T. Temp. \_\_\_\_\_ °C Time \_\_\_\_\_ hr.

Girth Welded, Double, Butt (Welded Det. Spgt. Lap. Butt) R.T. (Spot, Partial or Full) SPOT No. of Courses 2

8. Heads: (a) Material SA-516-70 (Spec. No., Grade) \_\_\_\_\_ (b) Material \_\_\_\_\_ (Spec. No., Grade) \_\_\_\_\_

Location (Top Bottom Ends)	Min Tkn	Corr Allow	Crown Radius	Knuckle Radius	Ellipse Ratio	Conical Dev. Angle	Reinforcement Ratio	Flat Diam.	Side Pressure (Curve or Concave)
Ends	14.3mm	1.6mm			2:1				Concave

If removable, bolts used (describe other fastenings) \_\_\_\_\_

9. Constructed for max. allowable working pressure 689 kPa at max temp. 93 °C Min. temp. (when less than -29 °C) \_\_\_\_\_ °C Hydrostatic, pneumatic, or combination test pressure 1310 kPa

10. Safety Valve Outlets: Number \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_ By Others \_\_\_\_\_

Purpose (Inlet Outlet, Drain)	No	Diam or Size	Type	Matl	Nom Tkn	Reinforcement Matl	How Attached	Location
Inlet	1	12" - 150#	RFWN	SA-105	XH	SA516-70	Welded	Head
Outlet (Gas)	1	8" - 150#	RFWN	SA-105	XH	SA516-70	Welded	Shell
Manway	1	18" - 150#	RFWN	SA-105	XH	SA516-70	Welded	Head

12. Supports: Skirt NO Lugs NO Legs NO Other Saddles Attached Welded to Shell (Where and How)

13. Remarks: Free Water Knockout Drum

VOLUME = 100 m<sup>3</sup>

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 Aug. 20/80 Signed Porta-Test Systems, Ltd. by John D. Buechler (Representative)

"U" Certificate of Authorization No. 12, 361 expires August 27th, 1980

CERTIFICATE OF SHOP INSPECTION

Vessel made by Porta-Test Systems at Edmonton, Alberta  
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Alberta and employed by Province

have inspected the pressure vessel described in this Manufacturers' Data Report on Aug. 20, 1980, 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 John D. Buechler Date Aug 20/80 Commissions \_\_\_\_\_