

FORM U-1 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

823-025

1. Manufactured and certified by PROPAK SYSTEMS LTD., 505 East Lake Blvd., Airdrie, Alberta Canada TOM OBO
(Name and address of manufacturer)

2. Manufactured for HOME PETROLEUM LTD., 333 7th Avenue S.W., Calgary, Alberta Canada
(Name and address of purchaser)

3. Location of installation S.W. 1/4 - 31 - 18 - 19 - W4M

4. Type Horizontal (Horiz. or vert., tank) 85339 - "EA" (Wkg's serial No.) F7015.2 (ICRN) ACC-85339-501 (Drawing No.) 1986 (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, 1983 Year

to Summer 1985 86-02-07

6. Shell: SA-516-70 (Matl. Spec. No., Grade) 9.53MM/.375" (Nom. Thk. (in.)) 1.6MM/.062 (Corr. Allow. (in.)) 742.94MM/29 1/2" (Diam. I.D. (ft. & in.)) 3048MM/10 Ft. (Length (overall) (ft. & in.))

7. Seams: DWB (Long. Welded, Dbl., Sing., Lap, Butt) Spot (R.T. Spec. Period, or Full) 85% (Eff. (%)) N11 (N.T. Temp. (F)) N/A (Time (hr)) SINGL/WNR (Circ. Welded, Dbl., Sing., Lap, Butt) Spot (R.T. Spec. Period, or Full) 1 (No. of Courses)

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

Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Unimeter	Side to Pressure (Convex or Concave)
(a) END	<u>8.94/352</u>	<u>1.6/.062"</u>			<u>2:1</u>				<u>CONCAVE</u>
(b) END	<u>8.94/352</u>	<u>1.6/.062"</u>			<u>2:1</u>				<u>CONCAVE</u>

If removable, bolts used (describe other fastenings)

(Matl. Spec. No., Gr., Size, No.)

9. MAWP: 1724 KPA / 250 (psi at max. temp. 66°C / 150 °F. Hydro., pneu., or comb. test pressure 2586 KPA/375 psi. Min. temp. (when less than -20°F))

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Num. Tank	Reinforcement Matl.	How Attached	Location
INLET	N1	60/2"	RFWN	SA-105	160	SA-106B	Welded	Shell
OUTLET	N2	60/2"	RFWN	SA-105	160	SA-106B	Welded	Shell
SPARGING	N3	60/2"	RFWN	SA-105	160	SA-106B	Welded	Shell
FILL	N4	60/2"	RFWN	SA-105	160	SA-106B	Welded	Shell

11. Supports: Skirt NO (Yes or No) Legs 2 (No.) Other N11 (Describe) Attached Welded To Shell (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 the report:

(Name of item number, Nip's name and identifying stamp)

VOLUME: 1.5M³ / 52.97 Ft³

TAG: V-170

TYPE: PROPANE REFRIG - ACCUMULATOR

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. 14422 expires June 30, 1986.
Date Feb 7 1986 Co. name Propak Systems Ltd (Manufacturer) Signed [Signature] (Inspector)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by PROPAK SYSTEMS LTD. at Airdrie, Alberta Canada
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 Alberta and employed by LABOUR-GENERAL SAFETY SERVICES DIVISION

have inspected the component described in this Manufacturer's Data Report on 7 February, 19 86, 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 86-02-07 Signed [Signature] (Authorized Inspector) Commissions [Signature] (Inspector)

A231025

FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by PROPAK SYSTEMS LTD., 505 East Lake Blvd., Airdrie, Alberta Canada TOM O.
(Name and address of manufacturer)
2. Manufactured for DOME PETROLEUM LTD., 333 7th Avenue S.W., Calgary, Alberta Canada
(Name and address of purchaser)
3. Location of Installation S.W. 1/4 - 31 - 18 - 19 - W4M
(Name and address)
4. Type Horizontal 85339-"EA" F70/5.2 ACC-85339-501 1986
(Hens, vert, sub, etc.) (Mfg's. cont. No.) (CRN) (Desp) (Mfg'l. Bd. No.) (Year built)

Date Report
Item Number

Remarks

N5	PSV CONN	60/2"	RFWN	SA-105	SCH. 160	SA-106B	Re-inforced, Welded To Shell
N6	Vapour Out	60/2"	RFWN	SA-105	SCH. 160	SA-106B	" "
C1	T1	27/3/4"	CPLG	SA-105	6000#		Welded To Shell
C2	P1	"	"	"	"		"
C3A	LG	"	"	"	"		"
C3B	LG	"	"	"	"		"
C5A	Inspect.	60/2"	"	"	"		"
C5B	Inspect.	"	"	"	"		"

Date Feb 7/86

Co. name Propak Systems Ltd Signed [Signature]

(Representative)

Date 96-02-07

Signed [Signature] Commissions [Signature]

(Mfg. Board incl. endorsement), State, Prov. and No.)

(12/82)

This form (E00113) is available from the Order Dept., ASME, 345 E. 47 St., New York, N.Y. 10017