

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
(Alternative Form for Single Chamber, Completely Lap-Fabricated Vessels Only) (A)136817
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 T0M 0L
(Name and address of manufacturer)

2. Manufactured for Western Decalta Petroleum Ltd., 734-7 Ave. S.W., Calgary, Alberta, Canada
(Name and address of purchaser)

3. Location of installation L.S.D. No. 10-12-19-2-W5M
(Name and address)

4. Type Horizontal 86045-AA F7659-2 E-DFD-86045-101 1986
(Hori. or vert. tank) (Mfr'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. 1983
Year

to Summer 1985 Lethal Service
Addenda (Date) Code Case Nos. Special Service per UG-120(d)

6. Shell: SA516-70 25.4mm/1" 3.2mm/.125" 1473.2mm/4'-10" 4877mm/16'
Matl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: DWB Full 100% 621°C/1150°F 1.25 hrs. SNGL/WMR Full 2
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) Matl. SA516-70 (b) Matl. SA516-70
(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)	End	<u>28.32/1.115</u>	<u>3.2mm/.125"</u>			<u>2:1</u>				<u>Concave</u>
(b)	End	<u>28.32/1.115</u>	<u>3.2mm/.125"</u>			<u>2:1</u>				<u>Concave</u>

If removable, bolts used (describe other fastenings) _____
(Matl., Spec. No., Gr., Size, No.)

9. MAWP 3350 kPa/486 45°C/113°F psi at max. temp. 5025 kPa/729 psi.
Min. temp. (when less than -20°F) _____ °F. Hydro., pneu., or comb. test pressure

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam or Size	Type	Matl.	Nom Thk	Reinforcement Matl.	How Attached	Location
Liq. In	N1	89mm/3"	RFWN	SA105	XXH	SA106B	Welded	Shell
HC Liq. Out	N2	89mm/3"	RFWN	SA105	XXH	SA106B	Welded	Shell
Water Out	N3	60mm/2"	RFWN	SA105	XXH	SA106B	Welded	Liq. Boot
Gas Out	N4	60mm/2"	RFWN	SA105	XXH	SA106B	Welded	Gas Boot

11. Supports: Skirt No Lugs 2 Legs 2 Other _____ Attached Welded to Shell
(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 the report: _____
(Name of part, item number, Mfr's name and identifying stamp)

VESSEL TYPE: Stabilizer Feed Drum

VOLUME: 9.95 m³

TAG NO.: V-106

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 April 28/86 Co. name PROPAK SYSTEMS LTD. Signed _____
(Manufacturer) (Representative)

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 April 28, 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 April 28, 86 Signed _____ Commissions ALBERTA
(Authorized Inspector) (Nat'l Board (incl. endorsements), State, Prov. and No.)

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

(A) 136817

1. Manufactured and certified by PROPAK SYSTEMS LTD., 505 East Lake Blvd., Airdrie, Alberta
(Name and address of manufacturer) TOM OBC
2. Manufactured for Western Decalta Petroleum Ltd., 734-7 Ave. S.W., Calgary, Alberta, Canada
(Name and address of purchaser)
3. Location of installation L.S.D. No. 10-12-19-2-W5M
(Name and address)
4. Type Horizontal 86045-AA E7659-2 E-DFD-86045-101 1986
(Horiz., vert., tank, etc.) (Mfg'r's serial No.) (CRN) (Dwg) (Nat'l. Bd. No.) (Year built)

Data Report

Item Number

Remarks

Item Number	Remarks
Drain	N5 60/2" RFWN WA105 XXH SA106B Welded Liquid Boot
Equalizing	N6 60/2" RFWN SA105 XXH SA106B Welded Liquid Boot
P.S.V.	N7 89/3" RFWN SA105 XXH SA106B Welded Shell
Bridle Conn.	N8A/B 60/2" RFWN SA105 XXH SA106B Welded Shell
L.C. Water	N9A/B 60/2" RFWN SA105 XXH SA106B Welded Liquid Boot
Temp. Indicator	N10 60/2" RFWN SA105 XXH SA106B Welded Shell
Vent	N11 60/2" RFWN SA105 XXH SA106B Welded Gas Boot
Liquid Boot	B1 610/24" Boot Shell SA516-70 15.88/.625" Welded Shell
Gas Boot	M1 610/24" RFWN SA105 SCH 40 SA516-70 Welded Shell

Date April 28, 1986 Co. name PROPAK SYSTEMS LTD. Signed [Signature]
(Manufacturer) (Representative)

Date April 28, 86 Signed [Signature] Commissions ALBERTA
(Authorized Inspector) (Natl. Board (incl. endorsements), State, Prov., and No.)