

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

A 2791337

0514

1. Manufactured and certified by LARSEN & DAMICO MFG. LTD. 9805-51 AVE EDMONTON, AB T6E 4W8  
(Name and address of manufacturer)
2. Manufactured for MLC OIL & GAS 2600 801 CAUSW CALGARY, AB  
(Name and address of purchaser)
3. Location of installation CHARESTHOLM GAS PLANT  
(Name and address)
4. Type HORIZ T6640 K7390.2 LD2829 A 1992  
(Horiz. 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 1989  
Year
- to Dec 1990  
Addenda (Date)
6. Shell: SA516-70 .25 (6.35) .0625 (1.6) 72" (1829) 20'0" (6096)  
Matl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)
7. Seams: WLD-DBL BUTT 85 N/R --- WLD DBL BUTT SPOT 3  
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 (mm)	Corrosion Allowance (mm)	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	END	.3125 (7.9)	.0625 (1.6)							
(b)	END	.3125 (7.9)	.0625 (1.6)							

If removable, bolts used (describe other fastenings)

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

9. MAWP 75 (517 kPa) psi at max. temp. (49 °C) 120 °F  
 Min. design metal temp. (-29 °C) 20 °F at 75 psi. Hydro., pneu., or comb. test pressure (776 kPa) 113 psi.
10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	H/rw Attzcher	Location
SEE ATTACHED "U-4" FORM								

11. Supports: Skirt NO Lugs --- Legs --- Other SADDLES Attached SHELL 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 the report: IMPACT TESTS NOT REQ'D: PARA UCS-66A AND UG30(F)  
(Name of part, item number, Mfr's name and identifying stamp)

TYPE: SLUG CATCHER NO# 3125 ITEM# T  
 CAPACITY: 623 CU.FT (17.43 CUMETER) WEIGHT: 8700 LBS. (3955 Kg)

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. 14254 expires OCT 28, 1992  
 Date \_\_\_\_\_ Co. name LARSEN & DAMICO MFG. LTD. Signed W.C. Smith  
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by LARSEN & DAMICO MFG. LTD. at 9805-51 AVE EDMONTON, ALBERTA.

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 BOILER AND PRESSURE VESSEL SAFETY have inspected the component described in this Manufacturer's Data Report on July 21, 1992, 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 92-07-21 Signed D.P. Hudson 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) 2791337

1. Manufactured and certified by LARSEN & D'AMICO MFG. LTD 9805-51 AVE EDMONTON, AB. T6E 4W8  
(Name and address of manufacturer)
2. Manufactured for MLC OIL & GAS 2600 801 GAUSW CALGARY, AB  
(Name and address of purchaser)
3. Location of installation CHARES HOLM GAS PLANT  
(Name and address)
4. Type HORIZ T6640 K7320.2 LD2829A 1992  
(Horiz., vert., tank, etc.) (Mfg'r's. serial No.) (CRN) (Dwg) (Nat'l. Bd. No.) (Year built)

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom Thk.	Reinforcement Matl.	How Attached	Location
COND INLET	1	3"	150 FLGD	SA106B	SCH 80	N/R	WELDED	SHELL
GAS OUT	1	3"	150 FLGD	SA106B	SCH 80	N/R	WELDED	SHELL
COND OUT	1	4"	150 FLGD	SA106B	SCH 80	N/R	WELDED	SHELL
BRIDLE	2	2"	150 FLGD	SA106B	SCH 160	N/R	WELDED	HEAD
WATER OUT	1	2"	150 FLGD	SA106B	SCH 160	N/R	WELDED	HEAD
PSV	1	4"	150 FLGD	SA106B	SCH 80	N/R	WELDED	SHELL
WATER LC	1	3"	150 FLGD	SA106B	SCH 80	N/R	WELDED	SHELL
LG	2	1"	SCDCPLG	SA105		N/R	WELDED	SHELL
TI	1	3/4"	SCDCPLG	SA105		N/R	WELDED	SHELL
PI	1	3/4"	SCDCPLG	SA105		N/R	WELDED	SHELL
DRAIN	1	1"	SCDCPLG	SA105		N/R	WELDED	SHELL
GLYCOL	2	1"	SCDCPLG	SA105		N/R	WELDED	SHELL
MANWAY	1	20"	150 FLGD	SA105	.375	N/R	WELDED	SHELL

WO#

Date July 21 1992 Co. name LARSEN & D'AMICO MFG. LTD. Signed wc Smith  
(Manufacturer) (Representative)

Signed DA Hudson Commissions Alberta  
(Authorized Inspector) (Nat'l. Board (incl. endorsements), State, Prov., and No.)