

0024
88c-4066-01B

FORM U-1A. MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS (A)2510035
 (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)2510035

1. Manufactured and certified by ALCO GAS & OIL PRODUCTION EQUIPMENT LTD. 7415-53 AVE. EDMONTON, ALBERTA
(Name and address of manufacturer)

2. Manufactured for ULSTER PETROLEUM 144-4th AVE. S.W. CALGARY
(Name and address of purchaser)

3. Location of installation 14-23-67-23 W4M
(Name and address)

4. Type VERTICAL 88c-4066-01B F-9578.21 A-10623 R4 1988
(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 1986
Year

to 1987
Addenda (Date) Code Case No. Special Service per UG-120(d)

6. Shell: SA-516-70 .875" (22.2mm) 1/16" (1.58mm) 20" (508mm) 28'-0" (8534mm)
Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: WELDED SINGLE FULL 100% - - - 3
Long. (Welded, Dbl., Singl., Lap, Butt) R.T. (Spot or Full) EH, (%) H.T. Temp. (°F) Time (hr) Girth (Welded, Dbl., Singl., Lap, Butt) R.T. (Spot, Partial, or Full) No. of Girths

8. Heads: (a) Mat'l. SA-516-70 (b) Mat'l. SA-516-70
(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)	TOP	.848" (21.5mm)	1/16" (1.58mm)			2:1				CONCAVE
(b)	BOTTOM	.848" (21.5mm)	1/16" (1.58mm)			2:1				CONCAVE

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

9. MAWP 11.5 psi at max. temp. 150 °F
 Min. design metal temp. -20 °F at 1415 psi. Hydro., presu., or comb. test pressure 2123 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Mat'l.	Nom. Thk.	Reinforcement Mat'l.	How Attached	Location
GAS INLET	1	3"RFWN	600#	SA-105	XXH		WELDED	SHELL
GAS OUTLET	1	3"RFWN	600#	SA-105	XXH		WELDED	HEAD
RELIEF	1	1"TOI	3000#	SA-105	-		WELDED	SHELL
PRESS IND.	1	1/2"TOI	3000#	SA-105	-		WELDED	SHELL

11. Supports: Skirt YES Lugs _____ Legs _____ Other _____ Attached WELDED TO BOTTOM HEAD.
(Yes or no) (No.) (No.) (Describe) (Where and how)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors h _____ for the following items of the report: _____
(Name of part, item number, Mfg.'s name and identifying stamp)

GLYCOL CONTACTOR CAPACITY 1.4 CuM
D.P. 9756 dPa @ 66°C HYDROSTATIC TEST 14638 kPa

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. 14259 expires OCT. 24, 1989.
 Date Jan 19/89 Co. Name ALCO GAS & OIL PRODUCTION EQUIPT. Signed _____ (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by ALCO GAS & OIL PRODUCTION EQUIPT. LTD., EDMONTON

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 PROVINCE OF ALBERTA

have inspected the component described in this Manufacturer's Data Report on Jan 20, 19 89, 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 Jan 20/89 Signed R. Hupais _____ Commissioned Alberta
(Authorized Inspector) (Nat'l Board (incl. endorsements), State, Prov. and No.)

FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET (A)2510035
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

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(Name and address of manufacturer)

2. Manufactured for ULSTER PETROLEUM 144-4th AVE. S.W. CALGARY
(Name and address of purchaser)

3. Location of installation 14-23-67-23 W4M
(Name and address)

4. Type VERTICAL 88c-4066-01B F-9578.21 A-10623 R4 1988
(Type, vert., tank, etc.) (Mfg.'s. Serial No.) (CRNI) (Dwg.) (Nat'l. Bd. No.) (Year built)

Data Report Item Number	Remarks					
TEMP. IND.	1	3/4" TOL	SA-105	3000#	WELDED	SHELL
LIQ. OUT	1	1" CPLG	SA-105	3000#	WELDED	SHELL
GLYCOL COIL	1	1" CPLG	SA-105	3000#	WELDED	SHELL
GLYCOL OUT	1	1" TOL	SA-105	3000#	WELDED	SHELL
GLYCOL IN	1	1" TOL	SA-105	3000#	WELDED	SHELL
LEVEL CONTROL	1	2" TOL	SA-105	3000#	WELDED	SHELL
LEVEL CONTROL	1	2" TOL	SA-105	3000#	WELDED	SHELL
LEVEL GAUGE	2	3/4" TOL	SA-105	3000#	WELDED	SHELL
LEVEL GAUGE	2	3/4" TOL	SA-105	3000#	WELDED	SHELL
OIL OUT	1	1" TOL	SA-105	3000#	WELDED	SHELL
CHIMNEY TRAY DRAIN	1	1" TOL	SA-105	3000#	WELDED	SHELL
TRAY DRAINS	8	1/2" TOL	SA-105	3000#	WELDED	SHELL
TOP TRAY DRAIN/ INSP.	1	2" TOL	SA-105	3000#	WELDED	SHELL
EQUALIZER	1	1" TOL	SA-105	3000#	WELDED	SHELL
H.L.S.D.	1	2" TOL	SA-105	3000#	WELDED	SHELL DWG.

A-12634 RT

Date Jan 19/89 Co. name ALCO GAS & OIL PRODUCTION EQUIPMENT 
(Date) (Manufacturer) (Representative)

Date Jan 20/89 Signed R. Hajos Commissions Alberta
(Date) (Authorized Inspector) (Regulatory Board Incl. endorsements, State, Prov., and No.)