

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
(Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only)
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

JOB 31-1488

A# 537480

Feb 22/06

1. Manufactured and certified by Maxfield Inc. Box 830 1026 Western Drive, Crossfield, Alberta T0M 0S0
(Name and address of manufacturer)
2. Manufactured for Devon Canada 2000, 400-3rd Ave. SW Calgary, AB T2P 4H2
(Name and address of purchaser)
3. Location of installation LSD-11-33-96-08 W6M AB Chinchaga Gas Plant Upgrade
(Name and address)
4. Type: HORIZONTAL (Horiz. or vert tank) (Mfr's serial No.) P9043.23 (CRN) 2001-0308D Rev F (Drawing No.) N/A (Mat'l Bd No.) 2006 (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 2004 Year
- To 2005 Addenda (Date) N/A Code Case Nos. N/A Special Service per UG-125(d) N/A
6. Shell: SA516-70 Minimum Thickness 0.8199" Nom Thk. (in.) NIL 10' 9" Length (overall) (ft. & in.) 58' 0"
Mat'l (Spec No., Grade) SA516-70 Cor Allow (in.) N/A Diam I.D. (ft. & in.) N/A Length (overall) (ft. & in.) 58' 0"
7. Seams: TYPE No. 1 FULL R.T. (Spot or Full) 100% Eff. (%) N/A H.T. Temp. (°F) N/A Time (hr) N/A Girth (Welded, Bolt, Sngl., Lap, Butt) N/A TYPE No. 1 N/A Spot 70% R.T. (Spot, Eff. (%) or Full) 6
8. Heads: (a) Mat'l SA516-70 (Spec No., Grade) SA516-70 (b) Mat'l SA516-70 (Spec No., Grade) SA516-70

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	0.8147"	NIL			2:1 SE				Concave
(b) END	0.8147"	NIL			2:1 SE				Concave

If removable, bolts used (describe other fastenings) N/A

9. MAWP 250 psi (Shell) N/A psi at max. temp. 115 °F N/A °F (External) N/A °F
Min. design metal temp. -20° °F at 250 psi. Hydro, pneu., or comb. test pressure 325 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
Liquid Out	1	4"	CL150 RFWN	SA105N/SA106B	0.337"	SA516-70	UW16.1(d)	Shell
Liquid In/Vapour	2	3"	CL150 RFWN	SA105N/SA106B	0.300"	SA516-70	UW16.1(d)	Shell
Purge/Liquid/Bridge	4	2"	CL150 RFWN	SA105N/SA106B	0.218"	Inherent	UW16.1(d)	Shell
Continued on U4								

11. Supports: Skirt No. 2 Lugs: 2 Legs: 0 Other: Saddles Attached: Shell Welded
(Yes or No) (No.) (Describe) (Where and How)
12. Remarks: Manufacturer's Partial Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: 8) 129" ID 2:1 SE Heads, WO15290 HD 1 & HD 3, Conrex Steel Ltd.
(Name of part, item number, Mfr's name and identifying stamp)

42,000 USWG 129" ID LPG Storage Vessel Capacity 5620 Cu. Ft (159 Cu. M) Manufacturer's Drawing 2005-0619D Rev G

Impact Test: No, exempt per UG20(f)(1-5)

Vessel for Non-Corrosive Service Safety Relief by Others per UG-125

CERTIFICATE OF SHOP/FIELD 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. 13,551 expires JULY 24, 2008

Date FEB 22 2006 Co. name Maxfield Inc. Signed John G. Bell (Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by Maxfield Inc. at 1026 Western Drive, Crossfield, 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 ABSA

have inspected the component described in this Manufacturer's Data Report on FEB 22 2006, 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 FEB 22 2006Signed John G. Bell (Authorized Inspector)

Commissions

ALTA #58

(Mat'l Board (incl. endorsements), State, Prov. and No.)

JOB 31-1468

Data Report **MFGR DWG #** **2005-0619D Rev G**

Signed

72/458.

72/758.

FORM U-2A MANUFACTURER'S PARTIAL DATA REPORT (ALTERNATIVE FORM)
A Part of a Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

A537480

1. Manufactured and certified by CONREX STEEL LTD., 50 TABER RD., REXDALE, ON M9W 3A9
 (Name and address of Manufacturer)
2. Manufactured for MAXFIELD INC., PO BOX 830, CROSSFIELD, ALBERTA, T0M 0S0
 (Name and address of Purchaser)
3. Location of installation UNKNOWN
4. Type: TWO-PIECE HEAD (Name and address)
WO# 15290 HD1 AND HD4
 [Description of vessel part (shell, two piece head, tube bundle)] (N/g's. serial No.) (CRN) 2005
 Year Built
5. ASME Code, Section VIII, Div. 1 2004 EDITION (Drawing No.)
 Edition and Addenda (date) Code Case No. Special Service per UG-120(d)
6. Shell (a) No. of course(s): b) Overall length (ft & in.):

No.	Dia. in	Length (ft & in)		Material	Thickness		Long. Joint (Cat. A)		Circum. Joint (Cat. A, B, & C)			Heat Treatment	
		Min.	Max.		Nom.	Corr.	Type	Full. Spot. None	Type	Full. Spot. None	Eff.	Temp.	Time
a)	0.879"												
b)													

7. Heads: (a) SA 516 GR 70 (b) _____													
(Mat'l Spec. No., Grade or Type) - H.T. Time & Temp.													
Location (Top Bottom Ends)		Thickness		Radius	Crown	Knuckle	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure		Category A
		Min.	Corr								Convex	Concave	
a)	-	0.879 ¹³		-	-	-	2:1	-	-	-	-	-	1.0
b)													

If removable, bolts used (describe other fastening)

8. MAWP psi at max. temp. °F at psi
 (internal) (external) (internal) (external)
9. Impact test NO (internal) (external) (internal) (external)
 (Indicate yes or no and the component(s) impact tested) Proof test
10. Hydro., pneu., or comb. test press.
11. Nozzles, inspection, and safety valve openings:

Purpose (Inlet, Outlet, Drain, etc.)	No.	Dia. or Size	Flange Type	Material		Nozzle Thickness	Reinforcement Material	How Attached		Location (Insp. Open.)
				Nozzle	Flange	Nom.	Corr.	Nozzle	Flange	

12. Supports: Skirt Lugs (Yes or no) Legs (No.) Others Attached (Where and how)

13. Remarks: EXTENT OF DESIGN: NONE. WELDED MATERIAL WAS HEATED TO 1650F DURING INITIAL FORMING.
HEADS COLD FORMED IN THE FINAL OPERATION. NO POSTFORM HEAT TREAT.

CERTIFICATE OF SHOP/ FIELD COMPLIANCE

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this pressure vessel part conform to The ASME Code for Pressure Vessels, Section VIII, Division 1.

U Certificate of Authorization No. 18941 Expires OCT 27, 2007

Date Oct 13/05 Name CONREX STEEL LTD. Signed Dr. B. B. B. (Manufacturer) (Representative)

CERTIFICATE OF SHOP/ FIELD INSPECTION

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 ONTARIO and employed by TSSA of ONT Have inspected the pressure vessel part described in this Manufacturer's Data Report on OCT 13/05 and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel part 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 part 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 Oct 13/05 Signed Commissions 611-55
 (Authorized Inspector) (Nat'l Board Incl. endorsement, State, Province and No.)