

A174088

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

11-1531

A174088

8/10/02

1. Manufactured by Western Rock Bit Company Limited, 510-77 Ave. S. E. Calgary, Alta.
 2. Manufactured for I.C.G. Canadian Propane Ltd. 700-Three Calgary Place, Calgary, Alberta
 3. Location of Installation Alberta, Mobile
 4. Type Horiz 20477A B5181-2134 722-1D (Year Built) 1980
 (Spec. No., Grade) (Mfg's Serial No.) (CHN) (Drawing No.) (Nat'l Bld No.)
 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 1977 and Addenda to Winter/79 and Code Case Nos. _____
 (Year) (Date)

Special Service per UG-120(d)

Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report:

6. Shell: Matl. A-516-70 Nom. 0.6916 Corr. Nil in. Diam. 96" in. Lgth. 51 ft C in.
 (Spec. No., Grade) Thk. Min. in. Allow. (Drawing No.) (Nat'l Bld No.)
 7. Seams: Long. DBT. Butt R.T. Full Efficiency 100 % H.T. Temp. N/A F Time N/A hr
 (Welded, Dbl, Sngl, Lap, Butt) (Spot or Full)
 Girth DBT. Butt R.T. Partial No. of Courses 5
 (Welded, Dbl, Sngl, Lap, Butt) (Spot, Partial, or Full)
 8. Heads: (a) Material A-516-70 (b) Material A-516-70
 (Spec. No., Grade) (Spec. No., Grade)

	Location (Top, Bottom, Ends)	Min. Thk.	Corr. Allow.	Crown Radius	Knuckle Radius	Ellipse Ratio	Conical Apex Angle	Hemisp. Radius	Flat Diam.	Side to Pressure (Convex or Concave)
(a)	<u>Ends</u>	<u>0.6875"</u>	<u>Nil</u>	<u>48"</u>		<u>2:1</u>				<u>Concave</u>
(b)	<u>Cold Formed Heads - Stress Relieved 1150 F - 1 hour</u>									

If removable, bolts used (describe other fastenings)

9. Constructed for max. allowable working pressure 250 psi at max. temp. 115 F. Min. temp. (when less than -20 F) _____ F. Hydrostatic, pneumatic, or combination test pressure 375 psi.
 10. Safety Valve Outlets: Number 2 Size 2" Location Shell - Top
 11. Nozzles and Inspection Openings:

Purpose (Inlet, Outlet, Drain)	No.	Dim. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
<u>Manway</u>	<u>1</u>	<u>16"</u>	<u>150WR.F.S.O.</u>	<u>Drq.</u>	<u>#702-4B</u>	<u>Ring</u>	<u>Welded</u>	<u>Shell</u>
<u>Liquid</u>	<u>2</u>	<u>3"</u>	<u>6000#</u>	<u>A105-11</u>		<u>Integral</u>	<u>Welded</u>	<u>Shell</u>
<u>Liquid</u>	<u>1</u>	<u>2"</u>	<u>6000#</u>	<u>A105-11</u>		<u>Integral</u>	<u>Welded</u>	<u>Shell</u>
<u>Vapour</u>	<u>2</u>	<u>1-1/4"</u>	<u>6000#</u>	<u>A105-11</u>		<u>Integral</u>	<u>Welded</u>	<u>Shell</u>
<u>Vapour</u>	<u>1</u>	<u>2"</u>	<u>6000#</u>	<u>A105-11</u>		<u>Integral</u>	<u>Welded</u>	<u>Shell</u>
<u>Drain</u>	<u>1</u>	<u>2"</u>	<u>6000#</u>	<u>A105-11</u>		<u>Integral</u>	<u>Welded</u>	<u>Shell</u>
<u>Relief</u>	<u>2</u>	<u>2"</u>	<u>6000#</u>	<u>A105-11</u>		<u>Integral</u>	<u>Welded</u>	<u>Shell</u>
<u>Roto</u>	<u>1</u>	<u>1"</u>	<u>6000#</u>	<u>A105-11</u>		<u>Integral</u>	<u>Welded</u>	<u>Head</u>

12. Supports: Skirt _____ Lugs _____ Legs _____ Other _____ Saddles _____ Attached _____ Shell-Wear-Pad _____
 (Yes or no) (No.) (No.) (Describe) (Where and how)

13. Remarks: Float - 8 Hole Gauge Adaptor Flange
- Thermowell Sub-Assembly.
8000 USWG Storage Propane/NH3 Service
1 - 3/4" x 1/4" 3000# CPLG A-105-11 Combo. Vapour/Outage
By-pass 1 2" 6000# A.05-11 Integral Welded Shell
Vessel Surface Area 1340 FT²

CERTIFICATE OF 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.

Date 8/6/02 Signed Western Rock Bit Co. Ltd. (Manufacturer) C. Donohue (Representative)

"U" Certificate of Authorization No. 13-551 expires September 17 19 82

CERTIFICATE OF SHOP INSPECTION

Vessel made by Western Rock Bit Co. Ltd. at Calgary, 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 Prov. Gov't have inspected the pressure vessel described in this Manufacturers' Data Report on 2 June 19 82, 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 the Manufacturers' 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.

Signed [Signature] (Inspector) Date 8/6/02 Commissions _____ (Nat'l Board, State, Province and No.)