

A141984

11-1517

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

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80/05/07

1. Manufactured by Western Rock Bit Co. Ltd., 510-77 Ave. S. E., Calgary, Alberta
 2. Manufactured for CHEVRON STANDARD LTD. BRAZEAU, ALBERTA
 3. Location of Installation BRAZEAU GAS PLANT, ALBERTA
 4. Type Horiz. (Horiz. or vert. tank) 20658A (Mfg'r's Serial No.) A7564,214 (CRN) 8003-2D (Drawing No.) (Year Built) 1980 (Nat'l Brd 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. SA-516-70 (Spec. No., Grade) Nom. 0.937 in. Allow. Nil in. Diam. 129 in. Lgth. 70 ft 2 in.
 7. Seams: Long. Dbt. Butt (Welded, Dbt, Sngl, Lap, Butt) R.T. Full Efficiency 100 % H.T. Temp. _____ F Time _____ hr
 Girth Dbt. Butt (Welded, Dbt, Sngl, Lap, Butt) R.T. Partial No. of Courses 7
 8. Heads: (a) Material SA-516-70 (Spec. No., Grade) (b) Material _____ (Spec. No., Grade)

	Location (Top, Bottom, Ends)	Min. Thk.	Corr. Allow.	Crown Radius	Knuckle Radius	Ellipse Ratio	Conical Apex Angle	Hemisph. Radius	Flat Diam.	Side to Pressure (Convex or Concave)
(a) Ends		<u>0.543"</u>	<u>Nil</u>					<u>64-1/2"</u>		<u>Concave</u>
(b)	<u>Cold Formed Head Segments Stress Relieved @1150 F for 1 hour</u>									

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

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 4" Location Shell-Top

11. Nozzles and Inspection Openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
Manway	1	20"	RFSO 300#	SA-181-1		SA-516-70	Welded	Shell
P.S.V.	2	4"	RFWN 300#	SA-181-1		SA-516-70	Welded	Shell
Inlet	1	2"	RFWN 300#	SA-181-1		Integral	Welded	Shell
Out	1	4"	RFWN 300#	SA-181-1		SA-516-70	Welded	Shell
L.G.	2	2"	RFWN 300#	SA-181-1		Integral	Welded	Shell
Vapor	2	2"	RFWN 300#	SA-181-1		Integral	Welded	Shell
L.S.H.	2	2"	RFWN 300#	SA-181-1		Integral	Welded	Head

Continued overleaf -

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

13. Remarks: 45,000 USWG Propane Storage
Vessel Surface Area 2404.1 Ft.
Relief Capacity 4700 SCFM

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 80/05/07 Signed Western Rock Bit Co. Ltd. by E. Donohue
 (Manufacturer) (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 7 May, 19 80, 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 80/05/07 Commissions _____ (Nat'l Board, State, Province and No.)

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11. Nozzles and Inspection Openings con't.:

<u>Purpose</u>	<u>No.</u>	<u>Diam.</u>	<u>Type</u>	<u>Mat.</u>	<u>Reinf. Mat.</u>	<u>How Attach.</u>	<u>Location</u>
L.S.D.H.	1	2"	RFWN 300#	SA-181-1	Integral	Welded	Shell
L.S.L.	2	"	RFWN 300#	SA-181-1	Integral	Welded	Head
Drain	1	1"	F.Cplg.6000#	SA-105-11	Integral	Welded	M.W.B.F.
P.I.	1	1"	F.Cplg.6000#	SA-105-11	Integral	Welded	Shell
T.I.	1	1"	F.Cplg.6000#	SA-105-11	Integral	Welded	Shell
L.S.D.H.	1	1"	F.Cplg.6000#	SA-105-11	Integral	Welded	Shell