

DVN-1499A
V. Sep

Knopcik 10-0773-09W6

(A) 577934

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

DVN-1499A

1. Manufactured and certified by Moss Fabrication Ltd., 6619-86th Avenue S.E. Calgary, AB. T2C 2S4
(Name and address of manufacturer)
2. Manufactured for Devon Canada Corporation 2000, 400 - 3rd Avenue S.W. Calgary, Alberta T2P 4H2
(Name and address of purchaser)
3. Location of installation LSD 10 - 07 - 73 - 09 W6M Knopcik
(Name and address)

4. Type Vertical 4003-1 U 1659.2 R4003-1 Rev 1 n/a 2007
(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

to 2006 n/a n/a
Addenda (Date) Code Case Nos. Special Service per UG-120(d)

6. Shell: SA516 70N 0.875" 0.125" 1'-6.25" 7'-6"
Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: Type 1 Full 100% 1150 1 Hr. Type 1 Full 100% 1
Long. (Welded, Dbl., Singl., Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp. (°F) Time (hr) Girth. (Welded, Dbl., Singl., Lap, Butt) R.T. (Spot or Full) Eff. (%) No. of Courses

8. Heads: (a) Mat'l. SA516 70N (b) Mat'l. SA516 70N
(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 Head	0.8125"	0.125"	n/a	n/a	2:1SE	n/a	n/a	n/a	Concave
(b)	Bottom Head	0.8125"	0.125"	n/a	n/a	2:1SE	n/a	n/a	n/a	Concave

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

9. MAWP: 1440 n/a psi at max. temp. 100 n/a °F.
(Internal) (External) (Internal) (External)
Min. design metal temp. -20 °F at 1440 psi Hydro., pneu., or comb. test pressure 2160 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
Inlet	1	3" NPS	CI600RFLWN	SA106B/SA105N	0.600"	n/a	UW16.1c	Shell
Outlet	1	3" NPS	CI600RFLWN	SA106B/SA105N	0.600"	n/a	UW16.1c	Top Head
Water Outlet	1	2" NPS	CI600RFLWN	SA106B/SA105N	0.343"	n/a	UW16.1c	Shell
Drain	1	2" NPS	CI600RFLWN	SA106B/SA105N	0.343"	n/a	UW16.1c	Bottom Head
Water LC	1	2" NPS	CI600RFLWN	SA105N	0.660"	n/a	UW16.1c	Shell
Water LG	2	2" NPS	CI600RFLWN	SA106B/SA105N	0.343"	n/a	UW16.1c	Shell
HC outlet	1	2" NPS	CI600RFLWN	SA106B/SA105N	0.343"	n/a	UW16.1c	Shell
HC LC	1	2" NPS	CI600RFLWN	SA105N	0.660"	n/a	UW16.1c	Shell
HC LG	2	2" NPS	CI600RFLWN	SA106B/SA105N	0.343"	n/a	UW16.1c	Shell
LSH	1	3" NPS	CI600RFLWN	SA106B/SA105N	0.438"	SA516-70N	UW16.1c	Shell
PI/ TI	2	2" NPS	CI600RFLWN	SA106B/SA105N	0.343"	n/a	UW16.1c	Shell
PSV	1	2" NPS	CI600RFLWN	SA106B/SA105N	0.343"	n/a	UW16.1c	Shell
Inspection	2	3" NPS	CI600RFLWN	SA106B/SA105N	0.438"	SA516-70N	UW16.1c	Shell

11. Supports: Skirt Yes Lugs 0 Legs 0 Other n/a Attached Welded to Head
(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:

n/a
(Name of part, item number, Mfr's. name and identifying stamp)
VOLUME 11.4 cu. Ft. WEIGHT 1800 lbs. DESCRIPTION 20" Sour Separator
Radiography as per UW11(a) Manufactured to Moss Fabrication drawing number: V4003-1 Rev 2
Charpy impact test not required per UG-20(f)(1-5)
PSV installed on piping as 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 conforms to the ASME Code for Pressure Vessels, Section VIII, Division 1, "U" Certificate of Authorization No. 33,250

Date April 26, 2008 expires April 26, 2008
Co. name Moss Fabrication Ltd. Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by Moss Fabrication Ltd. at Calgary, Alberta, Canada
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 JUN 29 2007

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 JUN 29 2007 Signed [Signature] Commissions Alberta #4
(Authorized Inspector) [Nat'l Board (incl. endorsements), State, Prov. and No.]