

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

④ 546517

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 Knopcik Oil Battery, LSD: 02-25-73-10 W6M
(Name and address)

4. Type Horizontal 3754-1 T5273.2 R3754-1 Rev. 0 n/a 2006
(Horiz. or vert., tank) (Mfg's serial No.) (CRN) (Drawing No.) (Natl. 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 I 2004
Year

to n/a n/a n/a
Addenda (Date) Code Case Nos. Special Service per UG-120(d)
6. Shell: SA516 70N 1.500" 0.125" 3'-0" 10'-0"
Matl. (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 1.5 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, Eff. (%) No. of Courses or Full]
8. Heads: (a) Matl. SA516 70N (b) Matl. 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)	LHS Head	1.440"	0.125"	n/a	n/a	2:1SE	n/a	n/a	n/a	Concave
(b)	RHS Head	1.440"	0.125"	n/a	n/a	2:1SE	n/a	n/a	n/a	Concave

If removable, bolts used (describe other fastenings) n/a
(Matl., Spec. No., Gr., Size, No.)
9. MAWP: 1440 n/a psi at max. temp. 130 n/a °F
(Internal) (External) (Internal) (External)
Min. design metal temp. -15 °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	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
Inlet	1	6"NPS	CL600RFLWN	SA333Gr.6/SA105N	0.718"	SA516 70N	UW16.1c	Shell
Gas Outlet	1	6"NPS	CL600RFLWN	SA333Gr.6/SA105N	0.718"	SA516 70N	UW16.1c	Shell
HC Outlet	1	3"NPS	CL600RFLWN	SA105N	0.810"	SA516 70N	UW16.1c	Shell
HC Bridle	2	2"NPS	CL600RFLWN	SA106B/SA105N	0.344"	n/a	UW16.1c	Shell
LSH	2	2"NPS	CL600RFLWN	SA106B/SA105N	0.344"	n/a	UW16.1c	Shell
PT	1	2"NPS	CL600RFLWN	SA106B/SA105N	0.344"	n/a	UW16.1c	Shell
PI	1	2"NPS	CL600RFLWN	SA106B/SA105N	0.344"	n/a	UW16.1c	Shell
TI	1	1"NPS	CL600RFLWN	SA105N	0.560"	n/a	UW16.1c	Shell
PSV	1	2"NPS	CL600RFLWN	SA106B/SA105N	0.344"	n/a	UW16.1c	Shell
Inspection	2	3"NPS	CL600RFLWN	SA105N	0.810"	SA516 70N	UW16.1c	Shell

11. Supports: Skirt 0 Lugs 0 Legs 0 Other Saddles Attached Welded to Shell
(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, Mfg's. name and identifying stamp)
VOLUME 70.2 cu. Ft. WEIGHT 10,200lbs DESCRIPTION 36" ID Horizontal Separator
Radiography as per UW11(a) Manufactured to Moss Fabrication drawing number: V3754-1 Rev.0
Charpy impact testing exempt as per UG20(1)(1-5) UCS 66(b) PSV installed on piping as per UG-125
This vessel may not be pressurized when the temperature when the temperature is colder than -26 deg. C.

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 conforms to the ASME Code or Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. 33,250 expires April 26, 2008
Date MAR 09 2006 Co. name Moss Fabrication Ltd. Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION
Vessel constructed by Moss Fabrication Ltd. at Calgary, Alberta, Canada
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 MAR 09 2006, 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
r connected with this inspection.
Date MAR 09 2006 Signed [Signature] Commissions Alberta #11
(Authorized Inspector) (Natl. Board (incl. endorsements), State, Prov. and No.)