FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS

(A) 57764

(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

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 c - 100 - G/ 94 - 0 - 8 Fort Nelson BC** (Name and address)
4. Type **Vertical** (Horiz. or vert., tank) | **4054-1** (Mfgr's serial No.) | **U3454.21** (CRN) | **R4054-1 Rev 0** (Drawing No.) | **n/a** (Natl. Bd.No.) | **2007** (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 **2006** (Addenda (Date)) | **n/a** (Code Case Nos.) | **n/a** (Special Service per UG-120(d))
6. Shell: **SA516 70N** (Matl. (Spec. No., Grade)) | **1.125"** (Nom. Thk. (in.)) | **0.125"** (Corr.Allow.(in.)) | **4'-0"** (Diam. I.D.(ft.&in.)) | **10'-0"** (Length (overall) (ft. & in.))
7. Seams: **Type 1** (Long.(Welded, Dbl., Sngl.,Lap,Butt)) | **Full** (R.T.(Spot or Full)) | **100%** (Eff.(%)) | **1150** (H.T. Temp (°F)) | **68mins** (Time (hr)) | **Type 1** (Girth.(Welded,Dbl., Singl.,Lap,Butt)) | **Full** (R.T.(Spot, or Full)) | **100%** (Eff. (%)) | **1** (No.of Courses)
8. Heads: (a) Matl. **SA516 70N** (Spec. No., Grade) (b) Matl. **SA516 70N** (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**	**1.0625"**	**0.125"**	**n/a**	**n/a**	**2:1SE**	**n/a**	**n/a**	**n/a**	**Concave**
(b)	**Bttm Head**	**1.0625"**	**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: **720** (Internal) **n/a** (External) psi at max. temp. **100** (Internal) **n/a** (External) °F.

Min.design metal temp. **-20** °F at **720** psi Hydro., pneu., or comb. test pressure **1080** 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**	**8" NPS**	**Cl.300RFWN**	**SA106B/SA105N**	**0.500"**	**SA516-70N**	**UW16.1c**	**Shell**
Outlet	**1**	**8" NPS**	**Cl.300RFWN**	**SA333-6/SA105N**	**0.906"**	**n/a**	**UW16.1c**	**Top Head**
Water Out	**1**	**2" NPS**	**Cl.300RFWN**	**SA106B/SA105N**	**0.343"**	**n/a**	**UW16.1c**	**Bottom Head**
Drains	**1**	**2" NPS**	**Cl.300RFWN**	**SA106B/SA105N**	**0.343"**	**n/a**	**UW16.1c**	**Bottom Head**
Water LC/HLSD	**2**	**4" NPS**	**Cl300RFWN**	**SA106B/SA105N**	**0.531"**	**SA516-70N**	**UW16.1c**	**Shell**
Water LG	**2**	**2"NPS**	**Cl.300RFWN**	**SA106B/SA105N**	**0.343"**	**n/a**	**UW16.1c**	**Shell**
HC Liq OUT/LG	**3**	**2" NPS**	**Cl.300RFWN**	**SA106B/SA105N**	**0.343"**	**n/a**	**UW16.1c**	**Shell**
HC LIQ LC	**1**	**4" NPS**	**Cl300RFWN**	**SA106B/SA105N**	**0.531"**	**SA516-70N**	**UW16.1c**	**Shell**
Cleanout	**1**	**6"NPS**	**Cl.300RFWN**	**SA106B/SA105N**	**0.432"**	**SA516-70N**	**UW16.1c**	**Shell**
Manway	**1**	**20" NPS**	**Cl300RFWN**	**SA516-70N**	**0.750"**	**SA516-70N**	**UW16.1c**	**Shell**
PI/ TI	**2**	**2" NPS**	**Cl300RFWN**	**SA106B/SA105N**	**0.343"**	**n/a**	**UW16.1c**	**Shell**
PSV	**1**	**11/2" NPS**	**Cl300RFWN**	**SA333-6/SA105N**	**0.400"**	**n/a**	**UW16.1c**	**Shell**
LT	**2**	**2" NPS**	**Cl300RFWN**	**SA106B/SA105N**	**0.343"**	**n/a**	**UW16.1c**	**Shell**

11. Supports: Skirt **Yes** (Yes or no) Lugs **0** (No.) Legs **0** (No.) Other **n/a** (Describe) Attached **Welded to Head** (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, Mfgr's. name and identifying stamp)

VOLUME **147 cu. Ft.** WEIGHT **10400lbs.** DESCRIPTION **48" Sour Separator**

Radiography as per UW11(a)5(b) **Manufactured to Moss Fabrication drawing number:V4054-1 Rev 0**

Charpy impact test not required per UCS 66(a)(c)

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** expires **April 26, 2008**

Date JAN 10 2008 Co. name **Moss Fabrication Ltd.** (Manufacturer) Signed G T Money (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 JAN 10 2008 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 JAN 10 2008 Signed (Authorized Inspector) Commissions #101 Alberta (Nat'l Board (incl. endorsements), State, Prov. and No.)