

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

(Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only)

As Required by the Provisions of the ASME Code, Rules, Section VIII, Division 1

1. Manufactured and certified by PRESSON MANUFACTURING LTD. 2103-8th STREET, NISKU, ALBERTA  
(Name and address of manufacturer)2. Manufactured for RIGEL OIL & GAS, 1900, 255-5th Ave S.W. CALGARY, ALBERTA T2P 3G6  
(Name and address of purchaser)3. Location of installation VALHALLA LSD16-35-74-11-W6M  
(Name and address)4. Type HORIZONTAL 5791-20 N0396.2 B5791-220 1995  
(Mount or rest, unit) (Mfg's serial No.) (CRN) (Drawing No.) (Part. 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 conforms to ASME Rules, Section VIII, Division 1 1995  
Year6. -----  
Address (Date) Code Case No. Special Services per UG-120(d)7. Shell: SA51670N 2" .125" 48"OD 20'-0"  
(Spec. No., Grade) (Nom. Thk., in.) (Corr. Allow., in.) (Nom. I.D. (ft. & in.)) (Length (overall) (ft. & in.))8. Seams: DBL BUTT FULL 100 1150 2.25 DBL BUTT FULL 2  
(Long. (Welded, Dbl., Sing., Lap, Butt)) (R.T. (Spot or Full)) (EN, %) (H.T. Temp., °F) (Time (hr)) (Girth (Welded, Dbl., Sing., Lap, Butt)) (R.T. (Spot, Partial, or Full)) (No. of Courses)9. Heads: (a) Matl. SA51670N (b) Matl. SA51670N  
(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)	END	1.925"	.125"			2:1				CONCAVE
(b)	END	2.875"	.125"			2:1				CONCAVE

10. If removable, bolts used (describe other fastenings):  
(Nut, Spec. No., Gr., Size, etc.)11. MAWP 1400 psi at max. temp. 150 °F  
Min. design metal temp. -20 °F at 1400 psi. Hydro., pneu., or comb. test pressure 2100 psi.

12. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Dim. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
INLET	1	8"	RFWN	SA-106B	XXH	SA51670N	UN16.1C	SHELL
GAS OUTLET	1	8"	RFWN	SA-106B	XXH	SA51670N	UN16.1C	SHELL
WATER OUTLET	1	2"	RFWN	SA-106B	XXH		UN16.1C	SHELL
HC OUTLET	1	2"	RFWN	SA-106B	XXH		UN16.1C	SHELL

13. Supports: Skirt ----- Lugs ----- Legs ----- Other SADDLES Attached WELDED  
(Yes or no) (No.) (No.) (Describe) (Where and how)14. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report:  
(Name of part, item number, Mfg's name and identifying stamp)INLET SEPARATOR (V-200)  
VOLUME = 236 cu ft

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 conform to the ASME Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. <u>16081</u> expires <u>SEPT</u> , 19 <u>98</u> .	
Date <u>Dec 29/95</u> Co. name <u>PRESSON MANUFACTURING</u> Signed <u>[Signature]</u>	(Manufacturer) (Representative)
CERTIFICATE OF SHOP INSPECTION	
Vessel constructed by <u>PRESSON MANUFACTURING LTD.</u> at <u>NISKU, ALBERTA</u>	
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 <u>ALBERTA</u> and employed by <u>ALBERTA BOILER SAFETY ASSOCIATION</u>	
have inspected the component described in this Manufacturer's Data Report on <u>Dec 29</u> , 19 <u>95</u> , 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 <u>Dec 29/95</u> Signed <u>[Signature]</u> Commissions <u>Alberta</u>	(Authorized Inspector) (N.B. Board (incl. endorsement), State, Prov., and No.)