

0924

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

A 2835837

1. Manufactured and certified by PRESSON MANUFACTURING LTD. 2103-8TH STREET NISKU, ALBERTA T0C 2G0  
(Name and address of manufacturer)

2. Manufactured for RENAISSANCE ENERGY LIMITED 3300, 400 - 3RD AVENUE S.W. CALGARY, ALBERTA T2P 4H2  
(Name and address of purchaser)

3. Location of installation ATHABASCA EAST LSD 09-36-66-22 W4M  
(Name and address)

4. Type VERTICAL 5257-20 K8614.2 B5232-220 --- 1993  
(Horiz. or vert., tank) (Mfg.'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 1992  
Year

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

6. Shell: SA-51670 1.0" .0625" 42" O.D. 10'0"  
Matl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: DBL BUTT FULL 100 --- --- DBL BUTT FULL 1  
Long. (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp. (°F) Time (hr) Girth (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot, Partial, or Full) No. of Courses

8. Heads: (a) Matl. SA-51670 (Spec. No., Grade) (b) Matl. SA-51670 (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	.9375"	.0625"	---	---	2:1	---	---	---	CONCAVE
(b)	BOTTOM	.9375"	.0625"	---	---	2:1	---	---	---	CONCAVE

If removable, bolts used (describe other fastenings) ---  
(Matl., Spec. No., Gr., Size, No.)

9. MAWP 720 720 psi at max. temp. 100 °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"	RFWN	SA-106B	XXH	SA-51670	WELDED	SHELL
GAS OUT	1	8"	RFWN	SA-106B	XXH	SA-51670	WELDED	HEAD
DRAIN	1	2"	RFWN	SA-106B	XXH	---	WELDED	HEAD
MANWAY	1	18"	RFWN	SA-51670	3/4"	SA-51670	WELDED	SHELL

11. Supports: Skirt YES Lugs --- Legs --- Other --- Attached WELDED  
(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: ---  
(Name of part, item number, Mfg.'s name and identifying stamp)

INLET SEPARATOR (V-100)  
IMPACT EXEMPT PER UG-20f, PSV BY OTHERS ON PIPING  
VOLUME = 100 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. 16081 expires SEPT., 1995  
Date MAR 18 1995 Co. name PRESSON MANUFACTURING LTD. Signed [Signature] (Representative)

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**CERTIFICATE OF SHOP INSPECTION**

Vessel constructed by PRESSON MANUFACTURING LTD. at NISKU, 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 BOILERS BRANCH  
have inspected the component described in this Manufacturer's Data Report on MAR. 18, 1995, 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 employee 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 MAR. 18/95 Signed [Signature] Commissions ALBERTA  
(Authorized Inspector) (Mat'l Board (incl. endorsements), State, Prov. and No.)

