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) 402050

Form U1-A

1. Manufactured and certified by PRESSON MANUFACTURING LTD. 2103 - 8 ST., NISKU, ALBERTA, CANADA T9E 7Z1
(Name and address of Manufacturer)

2. Manufactured for RENAISSANCE ENERGY LTD. 3000, 425-1 ST SW CALGARY, AB. T2P 3L8
(Name and address of Purchaser)

3. Location of Installation STOCK UNIT 17
(Name and address)

4. Type VERTICAL (Horiz. or vert. tank) | 5860-20 (Mfgr's serial No.) | K3233.2 (CRN) | CS114 (Drawing No.) | — (Nat'l. Bd. No.) | 1996 (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 1995 (Year)
to — (Addenda (Date)) — (Code Case Nos.) — (Special Service per UG-120 (d))

6. Shell: SA51670N (Mat'l. (Spec. No., Grade)) | 1.375 (Nom. Thk. (in.)) | .0625 (Corr. Allow. (in.)) | 30" OD (Diam. ID (ft. & in.)) | 29'-0" (Length (overall) (ft. & in.))

7. Seams: TYPE 1 (Long.(Welded, Dbl., Sngl., Lap, Butt)) | FULL (RT (Spot or Full)) | 100 (Eff. (%)) | — (H.T. Temp. (°F.)) | — (Time (hr.)) | TYPE 1 (Girth (Welded, Dbl., Sngl., Lap, Butt)) | FULL (RT (Spot, Partial or Full)) | 3 (No. of Courses)

8. Heads: (a) Mat'l. SA51670N (Spec. No., Grade) (b) Mat'l. SA51670N (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	1.25"	..0625"	—	—	2:1	—	—	—	CONCAVE
b)	BOTTOM	1.25"	.0625"	—	—	2:1	—	—	—	CONCAVE

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

9. MAWP 1415 psi at max. temp. 150 °F

Min. design metal temp. -15 °F at 1415 psi. Hydro., Pneu., or Comb. test pressure 2123 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam or Size	Type	Material	Nom. Thickness	Reinforcement Material	How Attached	Location
INLET	1	6"	RFWN	SA106B	XXH	—	UW16.1C	SHELL
GAS OUTLET	1	6"	RFWN	SA106B	XXH	SA5516-70	UW16.1C	HEAD
GLYCOL COIL	2	1"	RFWN	SA106B	SCH 160	—	UW16.1C	SHELL
REFLUX COIL	1	1"	RFWN	SA106B	SCH 160	—	UW16.1C	SHELL
DRAIN	1	1"	CPLG	SA106B	SCH 160	—	UW16.1C	HEAD
LIQUID OUTLET	1	1"	CPLG	SA105	6000#	—	UW16.1C	SHELL
LG / TI / PI	6	3/4"	CPLG	SA105	6000#	—	UW16.1C	SHELL
GLYCOL OUT	1	1"	CPLG	SA105	6000#	—	UW16.1C	SHELL

11. Supports: Skirt YES (yes or no) Lugs ____ (No.) Legs ____ (No.) Other ____ (Describe) Attached WELDED (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, Mfgr's. name and identifying stamp)

CONTACTOR (C-300)
IMPACT EXEMPT PER UCS-66a
VOLUME= 119 Cu Ft 3.4 Cu M

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 SEPTEMBER 26, 1998.

Date: July 15/96 Co. Name: PRESSON MANUFACTURING LTD. (Manufacturer) Signed: (Representative)

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 ALBERTA BOILER SAFETY ASSOCIATION have inspected the component described in this Manufacturer's Data Report on July 15, 1996, 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 July 15, 1996 Signed Barry Bob (Authorized Inspector) Commissions Alta #76 Nat'l. Board (Incl. endorsements, State, Prov. and No.)

FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET

(A) H02050

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

Form U-4

1. Manufactured and certified by PRESSON MANUFACTURING LTD. 2103 - 8 ST., NISKU, ALBERTA, CANADA T9E 7Z1
(Name and address of Manufacturer)

2. Manufactured for RENAISSANCE ENERGY LTD. 3000 425-1st STREET S.W. CALGARY ALBERTA. T2P 3L8
(Name and address of Purchaser)

3. Location of installation STOCK UNIT 17
(Name and address)

4. Type VERTICAL (Horiz., vert. or sphere) | CONTACTOR (Tank, separator, heat exch., etc.) | 5860-20 (Mfg's. serial No.)

K3233.2 (CRN)	CS114 (Drawing No.)	— (Nat'l. Bd. No.)	1996 (Year built)

Data Report Item Number: TEN

Remarks

Purpose (Inlet, Outlet, Drain)	No.	Diameter	Type	Material	Nom. Thickness	Reinforcement Material	How Attached	Location
FUTURE LSDH	2	1"	CPLG	SA105	6000#	—	UW16.1C	SHELL
PSV	1	1 1/2	CPLG	SA105	6000#	—	UW16.1C	SHELL
INSPECTION	2	2"	CPLG	SA105	6000#	—	UW16.1C	SHELL
TRAY DRAIN	10	3/4"	CPLG	SA105	6000#	—	UW16.1C	SHELL
X-RAY PORT	2	1"	CPLG	SA105	6000#	—	UW16.1C	SHELL
L.C.	1	2"	CPLG	SA105	6000#	—	UW16.1C	SHELL

Certificate of Authorization: Type U No. 16081 Expires SEPTEMBER 26, 1998

Date July 15/96 Name PRESSON MANUFACTURING LTD. (Manufacturer) Signed (Representative)

Date July 15, 1996 Name Larry Bolt (Authorized Inspector) Commission Alta #76 (Nat'l. Board ind. endorsement, State, Province and No.)