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 PRESSON MANUFACTURING LTD. 2103 - 8 ST., NISKU, ALBERTA, CANADA T9E 7Z1 1. Manufactured and certified by (Name and address of Manufacturer) PINNACLE RESOURCES LTD. 3300, 400-4 AVE SW CALGARY, AB T2P0J4 (Name and address of Purchaser) L.S.D. 06-03-78-26 W4M (Name and address) 6154-20 K3233.2 CS114 rev 1 1998 (CRN) (Drawing No.) (Horiz. or vert. tank) (Mfgr's serial 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 1995 (Year) Addenda (Date) Special Service per UG-120 (d) Code Case Nos. 30" OD SA516-70N 1.375 .0625 29'-0" Corr. Allow. (in.) Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Diam. ID (ft. & in.) Length (overall) (ft. & in.) TYPE 1 **FULL** 100 TYPE 1 **FULL** 3 Long.(Welded, Dbl., Sngl., Lap, Butt) RT (Spot or Full) Eff. (%) H.T. Temp. (°F.) Time (hr.) Girth (Welded, Dbl., Sngl., Lap, Butt) RT (Spot, Partial or Full) No. of Courses SA516-70N SA516-70N (b) Mat'l. (Spec. No., Grade) (Spec. No., Grade) Minimum Corrosion Elliptical Conical Apex Hemispherical Flat Crown Knuckle Side to Pressure **Thickness** Allowance Radius Radius Ratio Angle Radius Diameter (Convex or Concave) 1.25" .0625" 2:1 CONCAVE 1.25" .0625" 2:1 CONCAVE If removable, bolts used (describe other fastenings) (Mat'l., Spec. No., Gr., Size, No.) 1415 150 psi at max, temp °F at -15 1415 2123 psi. Hydro., Pneu., or Comb. test pressure psi. 10. Nozzles, inspection and safety valve openings: Nom. Thickness Reinforcement No. Diam Type Material How Location or Size Material Attached 6" **RFWN SA106B** XXH UW16.1C SHELL 6" **RFWN SA106B** XXH SA516-70 UW16.1C HEAD 2 1" **RFWN SA106B SCH 160** UW16.1C SHELL 1" **RFWN SA106B SCH160** UW16.1C SHELL 1" **CPLG SA106B SCH 160** UW16.1C HEAD **CPLG** 1" SA105 6000# UW16.1C SHELL ----4 3/4" CPLG SA105 6000# UW16.1C SHELL 3/4" **CPLG** SA105 6000# UW16.1C SHELL YES BOTTOM HEAD WELDED Attached Legs Other (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 (Name of part, item number, Mfgr's, name and identifying stamp) CONSTRUCTION DRAWING B6154-240 rev 0 VESSEL HYDROTESTED HORIZONTALLY CONTINUED ON U4A 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 .19 98 PRESSON MANUFACTURING LTD Signed

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

2. Manufactured for

4. Type

6. Shell:

a)

b)

9. MAWP

7. Seams:

8. Heads: (a) Mat'l.

Location (Top.

Bottom, Ends)

TOP

BOTTOM

Min. design metal temp.

Purpose

(Inlet, Outlet, Drain)

INLET

GAS OUTLET

GLYCOL COIL

REFLUX COIL

DRAIN

LIQUID OUTLET

L.G.

T.L./P.L

11. Supports: Skirt

of the report:

3. Location of Installation

VERTICAL

A-96

conform to the ASME Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of authorization No. 16081 expires SEPTEMBER 26

Date: APRIL 2, 1998 Co. Name:

(Manufacturer)

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 APRIL 2 , 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 loss of any kind arising from or connected with this inspection

Date APRIL 2, 1998

Canon Signed (Authorized Inspector

Commissions

Albertz Nat'l. Board (Incl. endorsements, State, Prov. and No.)

(Representative)



1998

(Year built)

FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET

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

PRESSON MANUFACTURING LTD. 2103 - 8 ST., NISKU, ALBERTA, CANADA T9E 7Z1 1. Manufactured and certified by (Name and address of Manufacturer) RENAISSANCE ENERGY LTD. 3000 425-1st STREET S.W. CALGARY ALBERTA. T2P 3L8 2. Manufactured for (Name and address of Purchaser) L.S.D. 06-03-78-26 W4M 3. Location of installation (Name and address) CONTACTOR 6154-20 VERTICAL 4. Type (Mfg's. serial No.) (Horiz., vert. or sphere) (Tank, separator, heat exch., etc.) K3233.2 CS114 rev 1 (Drawing No.) (Nat'l. Bd. No.) (CRN) **Data Report** Item Number Remarks

Purpose (Inlet, Outlet, Drain)	No.	Diameter	Туре	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

CONSTRUCTION DRAWING B6154-240 rev 0

Certificate of Authorization: Type U

No. 16081

Expires SEPTEMBER 26

Date APRIL 02, 1998

TEN

Name

PRESSON MANUFACTURING LTD. (Manufacturer)

(Authorized Inspector)

Signed

resentative)

Date APRIL 02, 1998

Name

Commission

(Nat'l. Board incl. endorsement, State, Province and No.)