

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 487265

1. Manufactured and Certified by: COMPLETE PACKAGE TECHNOLOGY (2000) LTD., 2887 PARSONS ROAD, EDMONTON, ALBERTA T6N 1A3
 (Name and Address of Manufacturer)

2. Manufactured for: CANADIAN NATURAL RESOURCES LTD. #1700, 425 - 1st. Street S.W., Calgary, AB T2P 3L8

3. Location of installation: b-99-A / 94-A-15 British Columbia
 (Name and Address)

4. Type: VERTICAL (Horiz. or Vert., tank) C02-6625-1 (Mfg's serial No.) P9206.21 (CRN) CPT02-6625-200 R.0 (Drawing No.) 2002 Year Built
 (Natl Bd. No.)

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**

to 2001 Addenda (date) SA-516-70N Code Case No.s 21.75" Special Service per UG-120(d) 8'-9" S/S

6. Shell: SA-516-70N Mat'l (Spec. No., Grade) 1.125" Nom. Thk. (in.) 0.125" Corr. Allow. (in.) 21.75" Diam. I. D. (ft. & In.) 8'-9" S/S Length (overall) (ft. & In.)

7. Seams: Full Type 1 100 Nom. Thk. (in.) 1125 Time (hr.) 75 min. R. T. (Spot or Full) 0.125" H. T. Temp. (F) 2:1 SE Girth (Welded, Dbl., Sngl., Laps, Butt) 2:1 SE R. T. (Spot, Partial, or Full) SA-516-70N No. of Courses

8. Heads: (a) Mat'l SA-516-70N (Spec. No., Grade) (b) Mat'l _____ (Spec. No., Grade)

Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Radius	Conical Apex Angle	Hemispherical Radius	Flat Diameter (Convex or Concave)	Side to Pressure
(a) Top End	1.0625"	0.125"			2:1 SE				Concave
(b) Bottom End	1.0625"	0.125"			2:1 SE				Concave

If removable, bolts used (describe other fastenings) _____

9. MAWP 1,700 psi at max. temp. 250°F (Mati., Spec. No., Gr., Size., No.)

10. Nozzles, inspection, and safety valve openings: -20 at 1,700 psi. Hydro., pneu., or comb. test pressure 2,550 psi.

Purpose (Inlet, Outlet, Drain)	No.	Diam. Or Size	Type	Mat'l	Norm. Thk.	Reinforcement Mat'l	How Attached	Location

11. Supports: Skirts Yes Lugs No Legs No Other Saddles Attached: Attached: Welded to Head
 (Yes or No) (Yes or No) (Yes or 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:

VOLUME: 20.64 cu.ft. See attached U-4 As Built Drawing CPT02-6625-200 Rev. 2 Cyclone Separator
 Vessel is impact test exempt per UCS-66 (a) & (b)
 End user is responsible for providing overprotection for vessel. Pressure relief valve in accordance with PARA. UG 125 of ASME Sec. VIII, Div. 1

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. 3916 expires 17-Oct-03

Date July 10/02 Co. name COMPLETE PACKAGE TECHNOLOGY (2000) LTD. Signed [Signature] (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by COMPLETE PACKAGE TECHNOLOGY (2000) LTD. at Edmonton, Alberta
 I, the undersigned, hold 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 BOILERS SAFETY ASSOCIATION

I have inspected the component described in this Manufacturer's Data Report on July 10, 2002, 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 July 10/02 Signed [Signature] (Authorized Inspector) ALBERTA #87 Commissions

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FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

- 1. Manufactured and certified by: COMPLETE PACKAGE TECHNOLOGY (2000) LTD., 2887 Parsons Road, Edmonton, Alberta T6N 1A3
(Name and address of Manufacturer)
- 2. Manufactured for: Canadian Natural Resources Ltd., #1700, 425 - 1st Street S.W., Calgary, AB T2P 3L8
(Name and address of Purchaser)
- 3. Location of installation: b-99-A / 94-A-15 British Columbia
(Name and address)

4. Type: VERTICAL (Horiz., vert., or sphere) SEPARATOR (Tank separator, heat exch., etc) C02-6625-1 (Mfg's Serial No.)

P9206-21 (CRN) CPT02-6625-200 Rev. 0 (Drawing No.) 2002 (Year Built)

Date Report Item Number _____ Remarks _____

NOZZLES AND OPENINGS

Purpose	No.	Dia	Type	Material	Nom Thk	Re Mat	How Att	Location
INLET	N1	8"	900# RFWN	SA-350-LF2 / SA-333-6	0.906"	SA-516-70N	UW16-1c	SHELL
GAS OUTLET	N2	10"	900# RFWN	SA-350-LF2 / SA-333-J	1.125"	SA-516-70N	UW16-1c	HEAD
RECYCLE / INSPECTION	N3A	4"	900# RFWN	SA-350-LF2 / SA-333-6	0.674"	SA-516-70N	JW16-1c	SHELL
RCYCLE	N3B	4"	900# RFWN	SA-105N / SA-106-B	0.674"	SA-516-70N	UW16-1c	SHELL
LG	N5A	1 1/2"	900# RFWN	SA-105N / SA-106-B	0.400"	---	UW16-1c	SHELL
LG	N5B	1 1/2"	900# RFWN	SA-105N / SA-106-B	0.400"	---	UW16-1c	SHELL
LEVEL CONTROL	N6	3"	900# RFLWN	SA-105N	3.00"	---	UW16-1c	SHELL
LSHH	N7	3"	900# RFLWN	SA-105N	3.00"	---	UW16-1c	SHELL
LIQUID OUTLET	N8	2"	900# RFWN	SA-105N / SA-106-B	0.343"	---	UW16-1c	SHELL
DRAIN	N9	2"	900# RFWN	SA-105N / SA-106-B	0.343"	---	UW16-1c	HEAD
PI	N10	1 1/2"	900# RFWN	SA-105N / SA-106-B	0.400"	---	UW16-1c	SHELL
TI	N11	1 1/2"	900# RFWN	SA-105N / SA-106-B	0.400"	---	UW16-1c	SHELL
INSPECTION	N12	3"	900# RFLWN	SA-105N	3.00"	---	UW16-1c	SHELL

Certificate of Authorization: Type: U No: 32,148 Expires: 17-Oct-03

Date: July 16/02 Name: COMPLETE PACKAGE TECHNOLOGY (2000) LTD. Signed: [Signature]
(Manufacturer) (Representative)

Date: July 19/02 Name: [Signature] Commission: ABH87
(Authorized Inspector) (Next Board (incl. Embossments) State, Province and No.)