

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

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 95-10-27

1. Manufactured and certified by WELLS HALL FABRICATION & CONSTRUCTION LTD., 6415 305th Edmonton, AB T6P 1T8
 (Name and address of manufacturer)

2. Manufactured for CANADIAN NATURAL RESOURCES, 2000, 425-1st St. S.W. Calgary, AB. T2P-3L8
 (Name and address of purchaser)

3. Location of installation STOCK TBA

4. Type VERT. CONTACTOR (Ident. or act. tank) 95-7977-0 (Ident. No.) 112316.21 (Ident. No.) 33-A-6977-5 (Ident. No.) 1995 (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)

6. Shell: SA 516 70 MT (Matl. Spec. No. Grade) 1.125" (Nom. Thk. (in.)) 0.125" (Corr. Allow. (in.)) 21.75" ID (Dim ID (ft & in.)) 34'-10 1/2" O/A (Length (overall) (ft & in.))
 7. Seams: EQUIV. DBL. BUTT (Long. Welded Jnt. Type) FULL (R T (Spot or Full)) 70 MINS. RQV'D DBL BUTT (Time (hr)) FULL (R T (Spot, Profile, or Full)) No. of Courses

8. Heads: (a) Matl. SA 516 70 MT (Spec. No. Grade) (b) Matl. SA 516 70 MT (Spec. No. Grade)
 9. MAWP (9928 KPa) (1440 psi at max. temp. (54°C)) 130 °F
 Min. design metal temp. (239°C) -20 °F at 1440 psi Hydro. pres. or mech. test pressure (14823 KPa) 2160 psi

10. Nozzles, inspection and safety valve openings:
 If removable, bolts used (describe other fastenings):

Purpose (Inlet, Outlet, Drain)	No.	Diag. or Size	Type	Matl.	Num. Tris	Reinforcement Matl.	How Attached	Location
INLET/OUTLET	2	4"	RFLWN	SA105N	600 ANISI		WELDED	SMEL/HEAD
LEAKOFF/CC	3	3"	RFLWN	SA105N	600 ANISI		"	SMEL
DRAIN/PSY	2	2"	RFLWN PIPE	SA105N SA106B	600 317-160		"	SMEL/HEAD
LG/UNIT PI	13	1"	RFLWN PIPE	SA105N/SA106B	600 317-160		"	SMEL
LG/CONE	1	1 1/2"	RFLWN PIPE	SA105N/SA106B	600 317-160		"	SMEL

11. Supports: Skirt YES (Yes or No) Lugs NO (No.) Legs NO (No.) Other Attached WELDED TO HEAD (Describe)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report:
24" BD X 32' 5/8 X 1440 # GLYCOL CONTACTOR W/ 3 PHASE SCRUBBER (Name of part, item number, Alt. #, name and identifying stamp) WT. = 11200 lbs
IMPACT TESTS EXEMPT PER UG204) # UCS 66 HYDRD IN HORIZONTAL VOL. = 84.7 FT³
RADIOGRAPHY - 100% (EXCEEDS FULL) BUILT TO DS# 33-A-7977-0 UNIT #12 (2400)

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. 19595 expires JULY 31, 1996.
 Date Oct 27 1995 Co. name WELLS HALL FAB. & CONST. LTD (Manufacturer) Signed R. Woods (Inspector)

Vessel constructed by WELLS HALL FABRICATION & CONSTRUCTION LTD. at EDMONTON, 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

and have inspected the component described in this Manufacturer's Data Report on October 27, 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 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 personnel injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 95-10-27 Signed M. J. [Signature] (Authorizing Inspector) Commissions ALBERTA 128 (Not Board issued, endorsement, State, Prov. and No.)