

A-4403457
 TRC MERLINS
 MANUFACTURER'S DATA REPORT
 FOR PRESSURE VESSEL
 DÉCLARATION DE CONFORMITÉ DU CONSTRUCTEUR
 D'APPAREILS SOUS PRESSION

ALBERTA LABOUR
 Alberta Boilers Safety Association
 200, 4208 - 97 Street
 Edmonton AB T6E 5Z9
 Partial/ Partiel ☐

Upon shipment of a pressure vessel, this form fully and correctly filled in must be mailed to the office of the Chief Inspector in the province of installation in accordance with the regulations under the Act, governing the construction and installation of pressure vessels.
 Au moment de l'expédition d'un appareil sous pression, ce formulaire complété correctement, doit être envoyé au bureau de l'inspecteur en chef de la province d'installation tel que prévu dans les règlements de la loi sur les appareils sous pression

Manufactured by Constructeur par	Name and address of Manufacturer, Name et adresse du constructeur RCI	
Manufactured for Constructeur pour	Name and address of Purchaser or Consignor/ Nom et adresse du client ou de son représentant C.S. RESOURCES LTD. c/o MILLENIA RESOURCES CONSULTING	
Ultimate owner Utilisateur	Name and address/ Nom et adresse 150 1300 - 84th STREET CAGARY AB.	
Location of installation Lieu d'installation	Address/ Adresse PELICAN LAKE COMPLEX, WASSAMA AB, LSD # 12-9-081-22W44	

Pressure vessel/ Appareil	Serial No / N° de série		Year built/ Année de fabrication	Overall Length/ Longueur totale
Types/ Cores	HORIZONTAL EMULSION TREATER		1998	40'-0"
Provincial Registration No. - C.R.N./ N° d'enregistrement provincial - N.E.C.L.0015.2	ASME	Division	ASME Addend. Supplément	Diameter/ Diamètre
	Sec VIII	DIV I	96	120"

The chemical and physical properties of all parts meet the requirements of material specifications of the A.S.M.E. Code.
 Les propriétés chimiques et physiques de toutes les pièces respectent les exigences des spécifications de matériaux de code ASME. YES

The design, construction and workmanship conform to CSA B51.
 La conception, la construction et le savoir sont conformes à B51. YES

Manufacturers' partial data reports properly identified and signed by authorized inspectors have been furnished for the following items of the report, and attached to this report.
 Les rapports partiels du constructeur adéquatement identifiés et signés par les inspecteurs autorisés ont été fournis pour les items suivants du rapport, et attachés à ce rapport. N/A

Names of parts/ Nom de la composante	Item No./ N° d'item	Manufacturer's Name/ Nom de constructeur	Identifying Stamp/ Estampe d'identification

Description	Material/ Matériau	Thickness/ Épaisseur minime	Can Allow/ Justifier de corrosion	Diameter/ Diamètre	Overall Length/ Longueur totale	Number of courses/ Nombre de recouvrements	Girth Joints/ Joints de circonférence		Longitudinal Joints/ Joints longitudinaux		P.W.H.T. Treatment/ Traitement thermique	
							Type	R.T. Rating	Type	R.T. Rating	Temp	Time Dwell
SHELL # 12.3.4	SA516-70	.5	.0625	120"	10'-0"	4	1	FULL RT-1	1	RT-1	1.0	N/A

Description	Material/ Matériau	Min. Thickn./ Épaisseur minime	Can Allow/ Justifier de corrosion	Coron. Radii/ Rayon coronal	Number of Rivets/ Perforations	Elong. Ratio/ Ratio d'élongation	Conical Apex Angle/ Angle conique	Hemisp. Radius/ Ray. hémisph.	Flaw Diameter/ Diamètre défaut	Side to measure/ Côté pour mesure pression
FT END	SA516-70	.691	.0625	N/A		2.1				CONCAVE
O.I.L. END	SA516-70	.439	.0625			2.1				CONCAVE

Removable bolt used (describe other fastenings)
 Boulons amovible utilisés (décrire tout autre attaché) N/A

SHELL	Material/ Matériau	SA516-70	Min. Thickn./ Épaisseur minime	.75	Can Allow/ Justifier de corrosion	.0625	Coron. Radii/ Rayon coronal	N/A	Number of Rivets/ Perforations		Elong. Ratio/ Ratio d'élongation	2.1	Conical Apex Angle/ Angle conique		Hemisp. Radius/ Ray. hémisph.	Flaw Diameter/ Diamètre défaut	Side to measure/ Côté pour mesure pression	CONCAVE	
	Pressure - Temperature/ Pression - Température	Constructed for max. allowable working pressure/ Construit pour une pression maximale de marche permise																	
Pressure Vessel Part/ Partie de l'appareil	At max. temp./ A une temp. max.	300°F	Min. Temp. (when less than 29°C)/ Temp. min (inférieure à 29°C)	-20°F	Test pressure (hydro-pneumatic or combination)/ Pression d'épreuve (hydro-pneumatique or combination)	113 psig													

Tube Section / *Ensemble tubulaire*

Tube Section / <i>Plaque tubulaire</i>	Material / <i>Matière</i>	Diameter / <i>Diamètre</i>	Nominal Thickness / <i>Épaisseur nominale</i>	Number / <i>Nbre</i>	Corrosion / <i>Corrosion</i>	Attachments / <i>Moyens d'attachement</i>
Tube material / <i>Matière des tubes</i>	Diameter / <i>Diamètre</i>	Nominal Thickness / <i>Épaisseur nominale</i>	Number / <i>Nbre</i>	Use / <i>Usage</i>	Corrosion / <i>Corrosion</i>	Attachments / <i>Moyens d'attachement</i>

Jackets / *Chemise*

Type of Jackets / <i>Genre de chemise</i>	Jackets / <i>Chemise</i>	Proof Test / <i>Pression d'épreuve</i>	Heating Surface / <i>Surface de chauffe</i>	Sketch / <i>Schéma</i>
Type of Jackets / <i>Genre de chemise</i>	Jackets / <i>Chemise</i>	Proof Test / <i>Pression d'épreuve</i>	Heating Surface / <i>Surface de chauffe</i>	Sketch / <i>Schéma</i>

Safety Valve Outlets / *Souppes de sûreté*

Number / <i>Nombre</i>	Dimension	Location / <i>Endroit</i>
Number / <i>Nombre</i>	Dimension	Location / <i>Endroit</i>

Nozzles and Openings / *Tubures & ouvertures*

Purpose / <i>But</i>	Number / <i>Nombre</i>	Dimension	Type	Material / <i>Matériau</i>	Nominal Thickness / <i>Épaisseur nominale</i>	Reinforcement / <i>Matériau de renfort</i>	Now Attached / <i>Genre d'attaches</i>	Location / <i>Endroit</i>
SEE SUPPLEMENTARY								
SHELTS								

Support Summary

Shelf Legs / <i>Yell. Out. No. / Nbre</i>	Legs / <i>Outlets No. / Nbre</i>	Legs / <i>Pieds No. / Nbre</i>	Other / <i>Autres (Description)</i>	Attachments / <i>Attaches (Where and How) / <i>Méthode et endroit</i></i>
Yell. Out. No. / <input type="checkbox"/>	Legs / <i>Outlets No. / Nbre</i>	Legs / <i>Pieds No. / Nbre</i>	Other / <i>Autres (Description)</i>	Attachments / <i>Attaches (Where and How) / <i>Méthode et endroit</i></i>

Remarks / *Observations (Cubical Capacity / Volume)*

VESSEL IS IMPACT TEST EXEMPT PER UCS-66
 VOLUME OF VESSEL 3378 CU FT
 RADIOGRAPHY DONE PER UW-11(a)
 SAFETY VALVE BY OTHERS

Certificate of Compliance / *Certificat de conformité*

We certify that the statements made in this data report are correct and that the said vessel has been constructed in accordance with the Provincial Registered design below and the requirements of standard CSA B51.

Nous certifions que les données de la déclaration de conformité sont correctes et que l'appareil a été construit en accord avec l'enregistrement provincial ci-dessous et les exigences de la norme ACHOR B51.

Provincial Registered Design / *Enregistrement provincial* L-0015-2

Manufacturer / *Constructeur* RCI

Signature / *Cl. Orlison* Date / *March 12/57*

Certificate of Shop Inspection / *Certificat d'inspection en usine*
 I, the undersigned, a duly authorized Boiler and Pressure Vessel Inspector / *Je soussigné, ingénieur autorisé de chaudières et appareils sous pression employé par ARSA*

of / *de* Alberta
 have inspected the above vessel and state that to the best of my knowledge and belief, the manufacturer has constructed the vessel in accordance with the Provincial registration CEN / *Ontario*

and the requirements of standard CSA B51.

et inspecté l'appareil précité et déclare par la suite, sous que le constructeur a construit l'appareil en accord avec l'enregistrement provincial NBT

Inspector's Name / *Nom de l'inspecteur* J. M. Chalkley

Signature / *Joseph Chalkley* Date / *28 Dec 1957*

Certificate of Compliance - Field Work / *Certificat de conformité - installation en chantier*

We certify that the field installation of all parts of the vessel conforms with the requirements of Provincial Regulations.

Nous certifions que l'installation au chantier de toutes les composantes de l'appareil est conforme aux règlements provinciaux.

Installer's Name

Name of the installer

Signature

Date

Certificate of Field Inspection / *Certificat d'inspection - installation en chantier*

I, the undersigned, a duly authorized Boiler and Pressure Vessel Inspector / *Je soussigné, ingénieur autorisé de chaudières et appareils sous pression*

employed by / *employé par*

have inspected the items not covered by the Shop Inspection Certificate and the installation of the items and state that to the best of my knowledge and belief the construction and assembly of the items are in accordance with the Provincial Regulations.

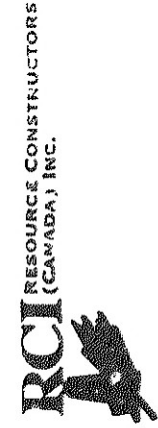
et inspecté les composantes non couvertes par le certificat d'inspection en usine et l'installation de l'appareil et déclare que je soude, la construction et l'assemblage de l'appareil sont en accord avec les règlements provinciaux.

Inspector's Name

Name of the Inspector

Signature

Date



HEAD OFFICE
PO Box 3120 53251-RR 232
Sherwood Park, Alberta, T8A 2A6
Phone: (403) 417-7222, Fax: (403) 417-7220

A403457

- Manufactured and certified by: RCI Resource Constructors Inc., 53251 RR 232 Sherwood Park, Alberta, T8A 2A6
(Name and Address of Manufacturer)
- Manufactured for: C.S. RESOURCES LTD, c/o MILLENIA RESOURCE CONSULTING
(Name and Address of Purchaser) 150, 1300-8th STREET, CALGARY, AB.
- Location of installation: PELICAN LAKE COMPLEX, WABASCA AB., LSD# 12-9-081-22W4M
(Name and Address)
- Type: Horizontal EMULSION TREATER 97015-2-30 L-2005.2 97015-113402 N/A 1998
(Horz, Vert, or Sphere) (Tank, Sep., Heat Exch., Etc.) (Mfg's Serial No.) (CRN) (Drawing No.) (Natl. Bd. No.) (Year Built)

Purpose (Inlet, Outlet, Drain)	Item No.	Diameter or Size	Type	Material	Nominal Thk.	Reinforcement Material	How Attached	Location
EMULSION INLET	N1	6"	ISO RFWN PIPE	SA 105 SA 106B	SCH 80 SCH 80		WELDED	PIPE SHELL
GAS OUTLET	N2	3"	ISO RFWN PIPE	SA 105 SA 106B	SCH 80 SCH 80		WELDED	PIPE
OIL OUTLET	N3	4"	ISO RFWN PIPE	SA 105 SA 106B	SCH 80 SCH 80		WELDED	PIPE
WATER OUTLET	N4	2"	ISO RFWN PIPE	SA 105 SA 106B	SCH 160 SCH 160		WELDED	HEAD SHELL
DRAIN	NSA/B	2"	ISO RFSO PIPE	SA 105 SA 106B	SCH 80 SCH 80		WELDED	PIPE
ANODE	NBA/E	4"	ISO RFWN PIPE	SA 105 SA 106B	SCH 80 SCH 80		WELDED	PIPE SHELL
		2"	STUD	SA 19307M				
		3/4"	NUT	SA 1943HM				
RELIEF	N7	4"	ISO RFWN PIPE	SA 105 SA 106B	SCH 80 SCH 80		WELDED	PIPE SHELL
WASH WATER INLET	N8	3"	ISO RFWN PIPE	SA 105 SA 106B	SCH 80 SCH 80		WELDED	PIPE
		3"	PIPE	SA 105 SA 106B	SCH 80 SCH 80		WELDED	PIPE
WASH WATER INLET	N9	2"	ISO RFWN PIPE	SA 105 SA 106B	SCH 160 SCH 160		WELDED	PIPE
		2"	ISO RFSO PIPE	SA 105 SA 106B	SCH 160 SCH 160		WELDED	PIPE
DESAND WATER OUTLET	N10	3"	ISO RFWN PIPE	SA 105 SA 106B	SCH 80 SCH 80		WELDED	PIPE
DESLEUDGE GASKET	N11	3"	ISO RFWN PIPE	SA 105 SA 106B	SCH 40 SCH 40		WELDED	PIPE SHELL
MANWAY	M 1/2	24"	ISO RFSO PIPE	SA 105 SA 106B	SCH 40 SCH 40		WELDED	SHELL
		24"	BLIND FLANGE	SA 105 SA 106B	SCH 40 SCH 40			
		24"	GASKET	316 SS	1/8"			
		1.25	STUD	SA 19307M				
		1.25	NUT	SA 1943HM				
		24"	DAVIT	CS				
		24"	HANGE	CS				
DOME	D1	24"	HEAD	SA 51670	SCH 40		WELDED	PIPE
		24"	PIPE	SA 106B	SCH 40		WELDED	SHELL
		24"	PIPE	SA 106B	SCH 40		WELDED	HEAD
		24"	ISO RFSO PIPE	SA 105 SA 106B	SCH 40 SCH 40		WELDED	PIPE
		24"	GASKET	316 SS	1/8"			
		1.25	STUD	SA 19307M				
		1.25	NUT	SA 1943HM				
FIRE TUBE	FT 1/2	2'-5"	PLATE	SA 51670N	1.375			
		2'-2"	PLATE	SA 51670N	1.125			
		15.75	PLATE	SA 51670	0.5			
		3"	GASKET	NEOPRENE	.1875			

Date March 12, 1998 Name RCI Resource Constructors Inc. Signed C. Callum (Representative)

Date March 12, 1998 Name TR Belkessok Commission Alberta (Natl Board Incl. Enforcement, State, Province and No.)

(Authorized Inspector) (AS 28)



A 403457

HEAD OFFICE
PO Box 3120, S3251-RR 232
Sherwood Park, Alberta, T8A 2A6
Phone: (403) 417-7222, Fax: (403) 417-7220

- Manufactured and certified by: RCI Resource Constructors Inc., 53251 RR 232 Sherwood Park, Alberta, T8A 2A6
(Name and Address of Manufacturer)
- Manufactured for: RCI RESOURCES LTD. 5/6 MILLENIA RESOURCE CONSULTING
(Name and Address of Purchaser) 150, 1300-8th STREET, CALGARY, ALBERTA
- Location of installation: PELICAN LAKE COMPLEX, WABASCA, AB, LSD # 12-9-081-22W4YM
(Name and Address)
- Type: Horizontal EMULSION TREATER 97015-2-30 L-00152 97015-1/3 REV 2 NIA 1998
(Hoz, Vert, or Sphere) (Tank, Sep., Heat Exh., Etc.) (Mfg's Serial No.) (CRN) (Drawing No.) (Nat'l. Bd. No.) (Year Built)

Purpose (Inlet, Outlet, Drain)	Item No.	Diameter or Size	Type	Material	Nominal Thk.	Reinforcement Material	How Attached	Location
FIRTIUGE	FT 1/2	.75"	STUD	SA 19307M				
DESURGGE (SPACE)	NIA 1A/B	.75"	NUT	SA 1942HM				
		3"	BUND FLANGE	SA 105	SCH 80			
		3"	GASKET	316SS	.125"			
		.625	STUD	SA 19307M				
		.625	NUT	SA 1942HM				
DESURGGE OUTLET	NIA 2/B	3"	150# RFWN	SA 105	SCH 80		WELDED	PIPE
		3"	150# RESO	SA 105	SCH 80			
		3"	PIPE	SA-1060	SCH 80		WELDED	SHELL
WATER LT	NIA 3A/B	3"	150# RFWN	SA 105	SCH 160		WELDED	PIPE
		2"	150# RFTRF	SA 105	SCH 160			
		2"	GASKET	316SS	.125"			
		.625"	STUD	SA-19307M				
		.625"	NUT	SA 1942HM				
		2"	PIPE	SA 101B	SCH 160		WELDED	SHELL
		2"	PIPE	SA 101B	SCH 160		WELDED	SHELL
TI	C1A/B	.75"	COUPLING	SA 105	6000#		WELDED	SHELL
		.75"	COUPLING	SA 105	6000#		WELDED	SHELL
TE	C2A/B	1.0"	COUPLING	SA 105	6000#		WELDED	SHELL
		.75"	COUPLING	SA 105	6000#		WELDED	SHELL
PI	C3	.75"	COUPLING	SA 105	6000#		WELDED	SHELL
SAMPLE	C4A/B	.75"	COUPLING	SA 105	6000#		WELDED	SHELL
		.75"	COUPLING	SA 105	6000#		WELDED	SHELL
SAMPLE	C5A/B	.75"	COUPLING	SA 105	6000#		WELDED	SHELL
		.75"	COUPLING	SA 105	6000#		WELDED	SHELL
FUEL GAS	C6A/B	1.0"	COUPLING	SA 105	6000#		WELDED	SHELL
LSE	C7A/B	1.0"	COUPLING	SA 105	6000#		WELDED	SHELL
LE NH	C8A/B	1.0"	COUPLING	SA 105	6000#		WELDED	SHELL
OIL LT	C9A/B	1.0"	COUPLING	SA 105	6000#		WELDED	SHELL
SPACE	C10	1.0"	COUPLING	SA 105	6000#		WELDED	HEAD
		1.0"	PLUG	SA 105	6000#		WELDED	SHELL
SPACE	C11	1.0"	COUPLING	SA 105	6000#		WELDED	SHELL
		1.0"	PLUG	SA 105	6000#		WELDED	SHELL
		1.0"	COUPLING	SA 105	6000#		WELDED	SHELL
		1.0"	PLUG	SA 105	6000#		WELDED	SHELL
LG	C13A/B	1.0"	COUPLING	SA 105	6000#		WELDED	SHELL
SAMPLE	C14	.75"	COUPLING	SA 105	6000#		WELDED	SHELL

Date March 12/98 Name RCI Resource Constructors Inc. Signed (Manufacturer) C. Allison (Representative)

Date Mar 12/98 Name TRIBA BERRY Commission Alberta AR22 (Authorized Inspector) (Nat'l Board Incl. Endorsement, State, Province and No.)