

A-1403458  
RC Mar 12 1998

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

**MANUFACTURER'S DATA REPORT  
FOR PRESSURE VESSEL**  
D'APPAREILS SOUS PRESSION

DECLARATION DE CONFORMITÉ DU CONSTRUCTEUR

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 Construit par	RCI	
Manufactured for Construit pour	C.S. RESOURCES LTD. c/o MILLENIA RESOURCES CONSULTING	
Ultimate owner Utilisateur	1501300 - 8th STREET, CAGARY AB.	
Location of installation Lieu d'installation	PELICAN LAKE COMPLEX, WADSWORTH AB. LSD# 12-9-081-22W4M	

Pressure vessel / Appareil		
Type / Genre	Serial No / N° de série	Year built / Année de fabrication
HORIZONTAL EMULSION TREATER	97015-3-30	1998
Provincial Registration No. - C.R.N. N° d'enregistrement provincial - N.E.C.	National Board No / N° National Board	Overall Length / Longueur totale
0015.2		40'-0"
		Diameter / Diamètre
		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 composantes respectent les exigences des spécifications de matériaux de code ASME.

The design, construction and workmanship conform to CSA B51.  
Le concept, la construction et le façon sont conformes à CSAB51.

ASME Division: III      Addenda/Supplements: 96      Code case-No / N° de cas: N/A

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 produits 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 du constructeur	Identifying Stamp / Estampe d'identification

Description	Material / Matériau	Thickness / Épaisseur	Cor Allow Surplus / Surplus de corr	Diameter / Diamètre	Overall Length / Longueur totale	Number of courses / Nombre de sections	Girth Joints / Joints de circonférence		Longitudinal Joints / Joints longitudinaux		F.W.T. / Traitement thermique	
							Type	R.T. Rating	Type	R.T. Efficiency / Efficacité	Temp	Time / Durée
SHELL # 1, 2, 3, 4	SA 516-70	.5	.0625	120"	10'-0"	4	FULL RT-1	RT-1	RT-1	1.0	N/A	

Description	Manual / Manuelle	Min. Thickness / Épaisseur min.	Cor Allow / Surplus	Crown Radius / Rayon de courb.	Knuckle Radius / Rayon de sautoir	Ellipse Ratio / Rap. ellipse	Conical Apex Angle / Angle conique	Hemisph. Radius / Ray. hémisph.	Fin Diameter / Diam. fin	Side to Pressure / Côté sous pression
FT END	SA 516-70	.691	.0625	N/A		2.1				CONCAVE
OLE END	SA 516-70	.439	.0625			2.1				CONCAVE

Removable bolts used (describe other fastenings) / Boulons amovibles utilisés (décrire leur autre attache): N/A

Pressure Vessel Part / Partie de l'appareil	Material / Matériau	Min. Temp. / Temp. min.	Max. Temp. / Temp. max.	Test Pressure / Pression d'essai
SHELL	75 PSI	300°F	-20°F	113 PSI

Pressure - Temperature / Pression - Température  
Constructed for max. allowable working pressure / Construit pour une pression maximale de marche permise

AHD348B

Tube Section / Façonne tubulaire Tubecrafts / Plaque tubulaire		Material / Matière	Diameter / Diamètre	Nominal Thickness / Épaisseur nominale	Corr. Allow. / Surpoids corrosion	Attachment / Mode d'attachement
Tube material / Matière des tubes	Diameter / Diamètre	Nominal Thickness (gauges) / Épaisseur nominale (calibres)	Number / Nbre	Type (Straight or U) / Type (Droit ou U)	Hanging Surface / Surface de change	

Jacket / Chemise	Jacket closure / Fermeture de chemise	Proof Test / Pression d'épreuve	Sketch / Schéma
Type of Jacket / Genre de chemise			

Safety Valve / Outflow / Soupapes de sûreté	Location / Endroit
Number / Nombre	Dimension

Nozzles and Openings / Tubures / Couvertures	Purpose / But	Number / Nombre	Dimension	Type	Material / Matière	Nominal Thickness / Épaisseur nominale	Reinforcement / Matériau de renfort	Now attached / Conné d'attaches	Location / Endroit
SEE SUPPLEMENTRY									
SHEETS									

Supports / Supports	Other / Autres (Description)	Attached / Attachés (Where and How / Méthode et endroit)
Skirt / Ape	Legs / Oeils / No. / Nbre	
Yes / Oui <input type="checkbox"/> No / Non <input checked="" type="checkbox"/>	Legs / Pieds / No. / Nbre	

**Remarks / Observations (Cubical capacity / Volume)**  
 VESSEL IS IMPACT TEST EXEMPT PER UCS-66  
 VOLUME OF VESSEL 3378 CUFT  
 RADIOGRAPHY DONE PER UW-11(a)  
 SAFETY VALUE BY OTHERS

<p><b>Certificate of Compliance / Certificat de conformité</b></p> <p>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.</p> <p><i>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 ACNOR B51</i></p> <p>Provincial Registered Design / Enregistrement provincial: <u>L-0015.2</u></p> <p>Manufacturer / Constructeur: <u>R C I</u></p> <p>Signature: <u>CP. Orlowski</u> Date: <u>March 12, 98</u></p>	<p><b>Certificate of Shop Inspection / Certificat d'inspection en usine</b></p> <p>I, the undersigned, a duly authorized Boiler and Pressure Vessel Inspector employed by <u>ABSA</u> off de <u>Alberta</u> 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 CRN <u>L-0015.2</u> and the requirements of standard CSA B51.</p> <p><i>Je, soussigné, inspecteur autorisé de chaudières et appareils sous pression employé par</i> <u>ABSA</u> <i>off de</i> <u>Alberta</u> <i>ai inspecté l'appareil précisé et affirmé que je suis, crois que le constructeur a construit et les exigences de la norme ACNOR B51</i></p> <p>Inspector's Name / Nom de l'inspecteur: <u>Tom Chelissou</u></p> <p>Signature: <u>Tom Chelissou</u> Date: <u>March 18, 98</u></p>
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<p><b>Certificate of Compliance - Field Work / Certificat de conformité - Installation au chantier</b></p> <p>We certify that the field installation of all parts of the vessel conforms with the requirements of Provincial Regulations.</p> <p><i>Nous certifions que l'installation au chantier de toutes les composantes de l'appareil est conforme aux règlements provinciaux</i></p> <p>Installer's Name / Nom de l'installateur: _____</p> <p>Signature: _____</p> <p>Date: _____</p>	<p><b>Certificate of Field Inspection / Certificat d'inspection - Installation au chantier</b></p> <p>I, the undersigned, a duly authorized Boiler and Pressure Vessel Inspector employed by _____ de soussigné, inspecteur autorisé de chaudières et appareils sous pression employé par _____ have inspected the items not covered by the Shop Inspection Certificate and the installation of the items and state that in the best of my knowledge and belief the construction and assembly of the items are in accordance with the Provincial Regulations</p> <p><i>ai inspecté les composantes non couvertes par le certificat d'inspection en usine et l'installation de l'appareil et affirme que je suis, à ma connaissance et en croyance, que la construction et l'assemblage de l'appareil sont en accord avec les règlements provinciaux</i></p> <p>Inspector's Name / Nom de l'inspecteur: _____</p> <p>Signature: _____</p> <p>Date: _____</p>
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1. Manufactured and certified by: RCI Resource Constructors Inc., 53251 RR 232 Sherwood Park, Alberta, T8A 2A6  
(Name and Address of Manufacturer)
2. Manufactured for: C.S. RESOURCES LTD. c/o MILLENIA RESOURCE CONSULTING  
(Name and Address of Purchaser) 150, 1300-84th STREET, CALGARY, AB.
3. Location of installation: PELICAN LAKE COMPLEX, WABASCA AB., LSD # 12-9-081-22W4M  
(Name and Address)
4. Type: Horizontal EMULSION TREATER 97015-3-30 L-005-2 97015-1/3612 N/A 1998  
(Horz, Vert, or Sphere) (Tank, Sep., Heat) (CRN) (Drawing No.) (Natl. Bd. No.) (Year Built)  
Exh., Etc.)

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 WELDED	PIPE SMELL
GAS OUTLET	N2	3"	ISO RFWN PIPE	SA-105 SA 106B	SCH 80 SCH 80		WELDED WELDED	PIPE PIPE
OIL OUTLET	N3	4"	ISO RFWN PIPE	SA 105 SA 106B	SCH 80 SCH 80		WELDED WELDED	PIPE HEAD
WATER OUTLET	N4	2"	ISO RFWN PIPE	SA 105 SA 105	SCH 160 SCH 160		WELDED WELDED	SHELL SHELL
DRAIN	NSAB	3"	ISO RFWN PIPE	SA 105 SA 106B	SCH 80 SCH 80		WELDED WELDED	PIPE SMELL
ANODE	NBA/E	4"	ISO RFWN PIPE	SA 105 SA 106B	SCH 80 SCH 80		WELDED WELDED	PIPE SHELL
		3/4"	STUD	SA 19307M				
		5/4"	NUT	SA 1942HM				
RELIEF	N7	4"	ISO RFWN PIPE	SA 105 SA 106B	SCH 80 SCH 80		WELDED WELDED	PIPE SHELL
WASH WATER INLET	NBA/E	4"	ISO RFWN PIPE	SA 105 SA 105	SCH 80 SCH 80		WELDED WELDED	PIPE PIPE
		3"	ISO RFSO PIPE	SA 105 SA 106B	SCH 80 SCH 80		WELDED WELDED	SHELL SHELL
WASH WATER INLET	N9A/B	2"	ISO RFWN PIPE	SA 105 SA 105	SCH 160 SCH 160		WELDED WELDED	PIPE PIPE
		2"	ISO RFSO PIPE	SA 105 SA 106B	SCH 160 SCH 160		WELDED WELDED	SHELL SHELL
DESAND WATER OUTLET	N10A/E	3"	ISO RFWN PIPE	SA 105 SA 105	SCH 80 SCH 80		WELDED WELDED	PIPE SHELL
DESLEUDGE OUTLET	N11A/B	3"	ISO RFWN PIPE	SA 105 SA 105	SCH 80 SCH 80		WELDED WELDED	PIPE SHELL
MANWAY	M 0/A	24"	ISO RFSO PIPE	SA 105 SA 106B	SCH 40 SCH 40		WELDED WELDED	PIPE SHELL
		24"	BLIND FLANGE	SA 105	SCH 40			
		24"	GASKET	316SS	1/8"			
		1.25	STUD	SA 19307M				
		1.25	NUT	SA 1942HM				
		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	SA 105	SCH 40		WELDED	PIPE
		24"	GASKET	316SS	1/8"			
		1.25	STUD	SA 19307M				
		1.25	NUT	SA 1942HM				
FIRE TUBE	FT1/2	2'-5"	PLATE	SA 51670N	1.375			
		1'-5"	PLATE	SA 51670N	1/125			
		15.75	PLATE	SA 51670	0.5			
		3"	GASKET	NEOPRENE	.1875			

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

Date March 12/98 Name T. B. Baker Commission Alberta (Natl Board Incl. Endorsement, State, Province and No.)  
(Authorized Inspector) AR28

- 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. 40 MILLENIA RESOURCE CONSULTING  
(Name and Address of Purchaser) 150, 1300-8th STREET, CALGARY, ALBERTA
- Location of installation: PELICAN LAKE COMPLEX, WABASCA, AB, LSD # 12-9-081-22W4M  
(Name and Address)
- Type: Horizontal EMULSION TREATER 97015-3-30 L-00152 97015-1/3 REV2 N/A 1998  
(Horz, 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
FIRE TUBG	FT 1/2	.75"	STUD	SA 19387M				
DESUDGE (SPARE)	N11A/B	.75"	NUT	SA 1942HM	SCH 80			
		3"	BUNG FLANK	SA 105	.125"			
		3"	GASKET	316SS				
		.625	STUD	SA 19387M				
		.625	NUT	SA 1942HM				
DESUDGE OUTLET	N12A/B	3"	150# RFWN	SA 105	SCH 80		WELDED	PIPE
		3"	150# RF50	SA 105	SCH 80			
		3"	PIPE	SA-106B	SCH 80		WELDED	SHELL
WATER LT	N13A/B	3"	150# RFWN	SA 105	SCH 160		WELDED	PIPE
		2"	150# RFTRF	SA 105	SCH 160			
		2"	GASKET	316SS	.125"			
		.625"	STUD	SA-19387M				
		.625"	NUT	SA 1942HM				
		2"	PIPE	SA 101B	SCH 160		WELDED	SHELL
		2"	PIPE	SA 106B	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
	C3	.50"	COUPLING	SA 105	6000#			
SAMPLE	C4A/G	.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
LSLL	C7A/B	1.0"	COUPLING	SA 105	6000#		WELDED	SHELL
LSHH	C8A/B	1.0"	COUPLING	SA 105	6000#		WELDED	SHELL
OIL LT	C9A/B	1.0"	COUPLING	SA 105	6000#		WELDED	SHELL
SPARE	C10	1.0"	COUPLING	SA 105	6000#		WELDED	SHELL
		1.0"	PLUG	SA 105	6000#			
SPARE	C11	1.0"	COUPLING	SA 105	6000#		WELDED	SHELL
		1.0"	PLUG	SA 105	6000#			
	C12	1.0"	COUPLING	SA 105	6000#		WELDED	SHELL
		1.0"	PLUG	SA 105	6000#			
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.  
 Date March 18/98 Name J.R. Bibeaux  
 (Authorized Inspector)

Signed U. Allison  
 (Manufacturer)  
 Commission Alberta  
 (Nat'l Board Inc. Enforcement, State, Province and No.)