

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

Partial Partiel

A403HSL
TRC MARLABS
MANUFACTURER'S DATA REPORT
FOR PRESSURE VESSEL
DÉCLARATION DE CONFORMITÉ DU CONSTRUCTEUR
D'APPAREILS SOUS PRESSION

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.

À la réception 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	Name and address of Manufacturer: Nom et adresse du constructeur RCI	
Manufactured for Construit pour	Name and address of Purchaser or Consignor: Nom et adresse du client ou du son représentant C.S. RESOURCES LTD. 50 MILLERIA RD. CALGARY	
Ultimate owner Utilisateur	Name and address: Nom et adresse 1501300-84th STREET CALGARY AB.	
Location of installation Lieu d'installation	Address: Adresse PELICAN LAKE COMPLEX WAGNAN AB. USD # 12-9-081-22W4M	

Pressure vessel/Appareil

Type/Type	Serial No./N° de série	Year built/Année de fabrication	Overall Length/Longueur totale
HURLOUTAL EMULSION TREATER	97015-1-30	1998	40'-0"
Provincial Registration No. - CRN/ N° d'enregistrement provincial - NECL-0015.2	National Board No./N° National Board	Drawing No./N° de dessin	Diameter/Diamètre
		97015.1/3-30REV2	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 conception, la construction et la façon sont conformes à CSAB51:	ASME	Division	Additional Supplement(s) Supplément(s)	Code case/No N° de cas
YES	Section VIII	DIV II	96	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/ Estamps d'identification

Shell/Vizite

Description	Material Matériau	Thickness Épaisseur	Cor Allow Surplus de corrosion	Diameter Diamètre	Overall Length Longueur totale	Number of Courses Nombre de sections	Girth Joints Joints de circonférence		Longitudinal Joints Joints longitudinaux		P.W.H.T. Température de choc	
							Type	RT Rating	Type	RT Rating		Efficiency Efficacité
SHELL # 12.3.4	SAS16-70	0.5	0.025	120"	10'-0"	4	1	FULL RT-1	1	RT-1	1.0	N/A

Heads/Têtes

Description	Material Matériau	Min Thickness Épaisseur min	Cor Allow Surplus de corrosion	Crown Radius Rayon courbe	Knuckle Radius Rayon de raccordement	Elliptic Ratio Ratio elliptique	Conical Apex Angle Angle conique	Hemisph Radius Rayon hémisphérique	Flare Diameter Diamètre de la flange	Side to pressure L'aire sous pression
FT END	SAS16-70	0.691	0.025	N/A		2.1				CONCAVE
DL END	SAS16-70	0.439	0.025			2.1				CONCAVE

Pressure - Temperature/Pression - Température

Pressure Vessel Part Partie de l'appareil	Material Matériau	Min Temp (when less than -29°C) Temp. min (inférieure à -29°C)	Max Temp Temp. max	Test pressure (hydro-pneumatic or combination) Pression d'épreuve (hydro-pneumatique ou combinaison)
SHELL		300°F	75°F	113.0

ANDERSON

Tube Section / Ensembles tubulaires Tubes: Plaque tubulaire	Material / Matériau	Diameter / Diamètre	Nominal Thickness / Epaisseur nominale	Can Allow / Surface d'assemblage
Tube material / Matériau des tubes	Diameter / Diamètre	Nominal Thickness (gauge) / Epaisseur nominale (calibre)	Number / Nbre	Type (Straight or U) / Type (Droit ou U)
				Welding Surface / Surface de chauffe

Jackpot / Chemise Type of jacket / Centre de chemise	Proof Test / Pression d'épreuve	Welding Surface / Surface de chauffe	Sketch / Schéma

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

Nozzles and Openings / Tubulures et ouvertures				
Purpose / But	Number / Nombre	Dimension	Type	Material / Matériau
SEE SUPPLEMENT				

Support Structures			Other / Autres (Description)	Attached / Attachedes (Where and How / Méthode et endroit)
Shield / Aps	Legs / Oracles No / Nbre	Legs / Peds No / Nbre		
<input type="checkbox"/> Yes / Oui	<input type="checkbox"/> No / Non			

Remarks / Observations (Cubical capacity / Volume)
 VESSEL IS IMPARTIALLY INSPECTED BY
 VOLUME OF VESSEL 3378 CUFT
 RADIOGRAPHY DONE PER UW-11(a)
 SAFETY VALUE 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 B31. 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 B31.	Certificate of Shop Inspection / Certificat d'inspection en usine I, the undersigned, a duly authorized Boiler and Pressure Vessel Inspector employed by <u>ABSA</u> of <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-00152</u> and the requirements of standard CSA B31. Je, soussigné inspecteur autorisé de chaudière et appareil sous pression employé par <u>ABSA</u> de <u>Alberta</u> ai inspecté l'appareil précité et assure que je suis, crois que le constructeur a construit et les exigences de la norme ACNOR B31.
Manufacturer / Constructeur <u>R.C.I.</u>	Inspector's Name / Nom de l'inspecteur <u>Tom Charlson</u>
Signature / Signature <u>C. O. O'Brien</u>	Signature / Signature <u>Tom Charlson</u>
Date / Date <u>March 12, 78</u>	Date / Date <u>March 12, 78</u>

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.	Certificate of Field Inspection / Certificat d'inspection - Installation en chantier I, the undersigned, a duly authorized Boiler and Pressure Vessel Inspector employed by _____ 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 is in accordance with the Provincial Regulations. Je, soussigné inspecteur autorisé de chaudière et appareil sous pression employé par _____ ai inspecté les composantes non couvertes par le certificat d'inspection en usine et l'installation de l'appareil et assure que je suis, crois que la construction et l'assemblage de l'appareil sont en accord avec les règlements provinciaux.
Installer's Name / Nom de l'installateur	Inspector's Name / Nom de l'inspecteur
Signature / Signature	Signature / Signature
Date / Date	Date / Date



A-403456

HEAD OFFICE
PO Box 370, 53251-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: C.S. RESOURCES LTD. c/o MILLENIA RESOURCE CONSULTING
(Name and Address of Purchaser) 150, 1300-84th STREET, CALGARY, AB.
- Location of installation: PELICAN LAKE COMPLEX, WABASCA AB., LSD# 12-9-081-22W4M
(Name and Address)
- Type: Horizontal EMULSION TREATER 97015-1-30 L-2005-2 97015/1/30/2 1998
(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
EMULSION INLET	N1	6"	ISO# REFN PIPE	SA-105	SCH 80		WELDED	PIPE
GAS OUTLET	N2	6"	ISO# REFN PIPE	SA-106B	SCH 80		WELDED	SHELL
		3"	ISO# REFN PIPE	SA-105	SCH 80		WELDED	PIPE
OIL OUTLET	N3	4"	ISO# REFN PIPE	SA-106B	SCH 80		WELDED	PIPE
		4"	ISO# REFN PIPE	SA-105	SCH 80		WELDED	PIPE
WATER OUTLET	N4	2"	ISO# REFN PIPE	SA-105	SCH 160		WELDED	HEAD
DRAIN	N5A/B	2"	ISO# REFN PIPE	SA-105	SCH 160		WELDED	PIPE
		3"	ISO# REFN PIPE	SA-105	SCH 80		WELDED	PIPE
ANODE	N6A/E	4"	ISO# REFN PIPE	SA-106B	SCH 80		WELDED	PIPE
		4"	ISO# REFN PIPE	SA-105	SCH 80		WELDED	PIPE
		3/4"	STUD	SA-1937M				SHELL
RELIEF	N7	3/4"	NUT	SA-1942HM				SHELL
		4"	ISO# REFN PIPE	SA-105	SCH 80		WELDED	PIPE
WASH WATER INLET	N8A/E	4"	ISO# REFN PIPE	SA-106B	SCH 160		WELDED	SHELL
		3"	ISO# REFN PIPE	SA-105	SCH 80		WELDED	PIPE
WASH WATER INLET	N9A/B	3"	ISO# REFN PIPE	SA-105	SCH 80		WELDED	PIPE
		3"	ISO# REFN PIPE	SA-105	SCH 80		WELDED	PIPE
WASH WATER INLET	N10A/B	2"	ISO# REFN PIPE	SA-105	SCH 160		WELDED	SHELL
		2"	ISO# REFN PIPE	SA-105	SCH 160		WELDED	SHELL
DESAND WATER OUTLET	N11A/B	3"	ISO# REFN PIPE	SA-105	SCH 80		WELDED	PIPE
		3"	ISO# REFN PIPE	SA-105	SCH 80		WELDED	PIPE
DESURGE OUTLET	N12A/B	3"	ISO# REFN PIPE	SA-105	SCH 80		WELDED	PIPE
		3"	ISO# REFN PIPE	SA-105	SCH 80		WELDED	PIPE
MANWAY	M1/A	24"	ISO# REFN PIPE	SA-105	SCH 40		WELDED	PIPE
		24"	ISO# REFN PIPE	SA-106B	SCH 40		WELDED	SHELL
		24"	BLIND FLANGE	SA-105	SCH 40			SHELL
		24"	GASKET	316SS	1/8"			SHELL
		1.25	STUD	SA-1937M				SHELL
		1.25	NUT	SA-1942HM				SHELL
		24"	DAVIT	CS				SHELL
		24"	HANGE	CS				SHELL
DOVE	D1	24"	HEAD	SA-1670	SCH 40		WELDED	PIPE
		24"	PIPE	SA-106B	SCH 40		WELDED	SHELL
		24"	PIPE	SA-106B	SCH 40		WELDED	HEAD
		24"	ISO# REFN PIPE	SA-105	SCH 40		WELDED	PIPE
		24"	GASKET	316SS	1/8"			PIPE
		1.25	STUD	SA-1937M				PIPE
		1.25	NUT	SA-1942HM				PIPE
FIRE TUBE	FT1/2	2'-5"	PLATE	SA-1670N	1.375			
		2'-5"	PLATE	SA-1670N	1.25			
		15.75	PLATE	SA-1670	0.25			
		3"	GASKET	MEOPRANE	0.1875			

Date March 12/08 Name RCI Resource Constructors Inc.

Signed (Manufacturer) (Representative)

Date Mar 12/08 Name (Authorized Inspector)

Commission Alberta AS 20
(Nat'l Board Incl. Endorsement, State, Province and No.)



A403H56

HEAD OFFICE
PO Box 3120, 53251-RR, 232
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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: S. RESOURCES LTD. 4/6 MILLENIA RESOURCE CONSULTING
(Name and Address of Purchaser) 150, 1300-8TH STREET, CALGARY, ALBERTA
- Location of installation: PELICAN LAKE COMPLEX, WABASCA, AB, LSD # 12-9-081-22W4M
(Name and Address)
- Type: Horizontal EMULSION TREATER 47015-1-30 L-00152 97015.1/3 REV2 1998
(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 TUBE	FT 1/2	.75"	STUD	SA19387M				
DESLEUDGE (SPACE)	N11A/B	3"	NUT	SA1942HM	SCH 80			
		3"	FLANG FLANGE	SA105	.125"			
		3"	GASKET	316SS				
		.625	STUD	SA19387M				
DESLEUDGE W/LET N12A/B		.625	NUT	SA1942HM	SCH 80		WELDED	PIPE
		3"	150# RFWN	SA105	SCH 80			
		3"	150# RFESO	SA105	SCH 80			
		3"	PIPE	SA-106B	SCH 80		WELDED	SHELL
WATER LT	N13A/B	2"	150# RFWN	SA105	SCH 160		WELDED	PIPE
		2"	150# RFTFR	SA105	SCH 160			
		2"	GASKET	316SS	.125"			
		.625	STUD	SA19387M				
		.625	NUT	SA1942HM				
		2"	PIPE	SA101B	SCH 160		WELDED	SHELL
TI	C1A/B	2"	PIPE	SA106B	SCH 160		WELDED	SHELL
		.75"	COUPLING	SA105	6000#		WELDED	SHELL
TE	C2A/B	1.0"	COUPLING	SA105	6000#		WELDED	SHELL
		1.0"	COUPLING	SA105	6000#		WELDED	SHELL
PI	C3	.50"	COUPLING	SA105	6000#			
SAMPLE	CH4/A	.75"	COUPLING	SA105	6000#		WELDED	SHELL
		.75"	COUPLING	SA105	6000#		WELDED	SHELL
SAMPLE	CSA16	.75"	COUPLING	SA105	6000#		WELDED	SHELL
		.75"	COUPLING	SA105	6000#		WELDED	SHELL
FUEL GAS	CA1B	1.0"	COUPLING	SA105	6000#		WELDED	SHELL
LSLL	C7A/B	1.0"	COUPLING	SA105	6000#		WELDED	SHELL
LSHH	C8A/B	1.0"	COUPLING	SA105	6000#		WELDED	SHELL
OIL LT	C9A/B	1.0"	COUPLING	SA105	6000#		WELDED	SHELL
SPARE	C10	1.0"	COUPLING	SA105	6000#		WELDED	HEAD
		1.0"	PLUG	SA105	6000#		WELDED	SHELL
SPARE	C11	1.0"	COUPLING	SA105	6000#		WELDED	SHELL
		1.0"	PLUG	SA105	6000#			
	C12	1.0"	COUPLING	SA105	6000#		WELDED	SHELL
		1.0"	PLUG	SA105	6000#			
LG	C13A/B	1.0"	COUPLING	SA105	6000#		WELDED	SHELL
SAMPLE	C14	.75"	COUPLING	SA105	6000#		WELDED	SHELL

Date March 12/98 Name RCI Resource Constructors Inc.

Signed C. O'Brien
(Manufacturer) (Representative)

Date March 12/98 Name J.R. B. Bickel
(Authorized Inspector)

Commission Alberta (Nat'l Board incl. Enforcement, State, Province and No.)
ASRB