

ALBERTA BOILERS SAFETY ASSOCIATION  
Suite #200, 4208 - 97 Street  
Edmonton, Alberta T6E 5Z9

**RJV** GAS FIELD SERVICES LTD.

A 506974

Partial ☐

## MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS

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.

<b>Manufactured By</b> Name & address of Manufacturer	R.J.V. Gas Field Services Ltd. 4901 - 47th Street Vegreville, Alberta T9C 1C3
<b>Manufactured For</b> Name & Address of Purchaser/Consignee	R.J.V. Gas Field Services Ltd. 4901 - 47th Street Vegreville, Alberta T9C 1C3
<b>Ultimate Owner</b> Name & Address	STOCK
<b>Location Of Installation</b> Address	STOCK

<b>Pressure Vessel</b>			
Type: Vertical 3-Phase Separator	Serial Number: 8088	Year Built: 2003	Overall Length: 2285 mm seam/seam
Provincial Registration No. - C R N N-7829.2	National Board No.: N/A	Drawing No. V97-358	Diameter: 406 mm O.D.

The chemical and physical properties of all parts meet the requirements of material specifications of the A.S.M.E. code.				
The design, construction and workmanship conform to CSA B51	ASME 2001 Edition Section VIII	Division: 1	Addenda: 2002 Addenda	Code Case No.: 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.				
Names of parts	Item No	Manufacturers Name	Identifying Stamp	

<b>Shell</b>													
Description	Material	Thickness	Corrosion Allowance	Diameter	Overall Length	Number Of Courses	Girth Joints		Longitudinal Joints			P.W.H.T	
							Type	P.T.	Type	R.T.	Efficiency	Temp.	Time
Shell	SA-106-B	26.19 mm	3.17 mm	406 mm	2285 mm	1	1	RT-1		SML'S	100%	621° C	75 min

<b>Heads</b>										
Description	Material	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Ellipse Ratio	Conical Apex Angle	Hemisph. Radius	Flat Diameter	Side To Pressure
Top	SA-516-70	23.54 mm	3.17 mm			2:1				Concave
Bottom	SA-516-70	23.54 mm	3.17 mm			2:1				Concave
Removable bolts used (describe other fastenings):					Material Spec.:			Grade:		Size/Dimension:

<b>Pressure - Temperature</b>				
Pressure Vessel Part:	Constructed for Maximum Allowable Working Pressure:	At Maximum Temperature:	Minimum Temperature (when less than 29° C)	Test Pressure (Hydro/Pneumatic or combination)
Vessel	9930 Kpa	38° C	-1° C	14,895 Kpa

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### Nozzles and Openings

Purpose	Number	Dimension	Type	Material	Nominal Thickness	Reinforcement Material	How Attached	Location
Inlet	N1	60.3 mm	RFWN	SA-106-B / SA-105	Sch.XXS	N/A	UW16.1(c)	Shell
Outlet	N2	60.3 mm	RFWN	SA-106-B / SA-105	Sch.XXS	N/A	UW16.1(c)	Top Head
L.L.C (Water)(Inspection)	N3	88.9 mm	RFWN	SA-106-B / SA-105	Sch.XXS	N/A	UW16.1(c)	Shell
Liquid out (Water)	N4	60.3 mm	RFWN	SA-106-B / SA-105	Sch.XXS	N/A	UW16.1(c)	Shell
Drain	N5	60.3 mm	RFWN	SA-106-B / SA-105	Sch.XXS	N/A	UW16.1(c)	Bottom Head
P.S.V	N6	60.3 mm	RFWN	SA-106-B / SA-105	Sch.XXS	N/A	UW16.1(c)	Shell
L.L.C (Oil)	N7	88.9 mm	RFWN	SA-106-B / SA-105	Sch.XXS	N/A	UW16.1(c)	Shell
Liq. Out (Oil)	N8	60.3 mm	RFWN	SA-106-B / SA-105	Sch.XXS	N/A	UW16.1(c)	Shell
H.L.S.D (Inspection)	N9	88.9 mm	RFWN	SA-106-B / SA-105	Sch.XXS	N/A	UW16.1(c)	Shell
Sight Glass (Water)	N10a&b	60.3 mm	RFWN	SA-106-B / SA-105	Sch.XXS	N/A	UW16.1(c)	Shell
Pressure Indicator	N11	60.3 mm	RFWN	SA-106-B / SA-105	Sch.XXS	N/A	UW16.1(c)	Shell
Temperature Indicator	N12	60.3 mm	RFWN	SA-106-B / SA-105	Sch.XXS	N/A	UW16.1(c)	Shell
Sight Glass(Oil)	N13a&b	60.3 mm	RFWN	SA-106-B / SA-105	Sch.XXS	N/A	UW16.1(c)	Shell

### Supports

Skirt	Lugs / No	Legs / No	Other (Description)	Attached (Where And How)
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	N/A	N/A	N/A	Welded To Bottom Head

### Remarks / Observations

(Cubical Capacity/Volume)

Volume= (.260 cubic meters), Vertical 3-Phase Separator

Exempt from impact test requirements as per UCS 66(b) M.D.M.T.

Hydrostatically Tested in the Vertical Position

Nozzel to shell welds are full penetration

### Certificate Of Compliance

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.

Provincial Registered Design: **CRN N7829.2**

Manufacturer: **R.J.V. GAS FIELD SERVICES LTD.**

Signature

Date

DEC 19 2003

### Certificate Of Shop Inspection

I, the undersigned, a duly authorized Boiler and Pressure Vessel Inspector employed by **Alberta Boilers Safety Association** 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 N7829.2** and the requirements of standard CSA B51.

Inspector's Name: **Zhimin Sha**

**AB 136 A**

Signature

Date

DEC 19 2003