



Equip. No. _____ Prov. Reg. No. **A 413607** C.R.N. **L-3369.213** Serial No. **C-9906.B** Yr. Inst. _____
 Code/Div. **ASME VIII, DIV 1** Size: **48in x 16ft** Manufacturer: **CHADCO CANADA LTD** Yr. Blt. **1999**
 C. Stamp: **NONE** Service: **SWEET** PWHT: **HT** Radiography: **RT-1** Insulated: **YES**

Design & Materials Data

HEAD:
 Top Mat'l. **SA 36** Top Nom. **9.5mm** Top C.A. **1.6mm**
 Btm. Mat'l. _____ Btm. Nom. _____ Btm. C.A. _____
CHANNEL:
 Material: _____ Nominal: _____ C.A. _____
BOOT
 Head Mat'l. _____ Head Nom. _____ Head C.A. _____
 Shell Mat'l. _____ Shell Nom. _____ Shell C.A. _____
SHELL
 Material: **SA 36** Nominal: **9.5mm** C.A. **1.6mm**
 MAWP Shell Side: **ATMOSPHERIC** @ Temp. **93°C**
 MAWP Tube Side: **27193 kPa** @ Temp. **93°C**

CLIENT	CANADIAN NATURAL RESOURCES LTD	
FACILITY	WAPITI GAS GATHERING LSD 04-15-69-10 W6M	
ITEM	WELLHEAD AND LINE HEATER PIPING	
BY: KB	DATE: 01/2011	DWG.# 26

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: WELLHEAD AND LINE HEATER PIPING
CRN#: L-3369.213
PROV REG: A 413607
TESTED ON STREAM

FACILITY: WAPITI GAS GATHERING
SERVICE: SWEET
LOCATION: 04-15-69-10 W6M
RTD JOB #: 10.117757
REFER TO DRAWING: 26

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
105												
Description:	2"x3" TEE											
	2011	1	2016	9								
Min. Thick.	13.3		13.2		13.30	1.9	15.20	.02		.02		
Average:	15.3		15.1					.04		.04		
Analysis:												
110												
Description:	2" 90° ELBOW											
	2011	1	2016	9								
Min. Thick.	11.2		11		9.71	1.4	11.10	.04		.04		
Average:	11.4		11.2					.04		.04		
Analysis:												
115												
Description:	2" 90° ELBOW											
	2011	1	2016	9								
Min. Thick.	7.5		7.4		7.61	1.1	8.70	.02		.02		
Average:	7.6		7.5					.02		.02		
Analysis:												
120												
Description:	3" 90° ELBOW											
	2011	1	2016	9								
Min. Thick.	11		11		9.71	1.4	11.10	0		0		
Average:	11.2		11.2					0		0		
Analysis:												
125												
Description:	3" 90° ELBOW											
	2011	1	2016	9								
Min. Thick.	11.1		11.1		9.71	1.4	11.10	0		0		
Average:	11.3		11.3					0		0		
Analysis:												