



Equip. No. _____ Prov. Reg. No. **Ⓐ 2669283** C.R.N. **K-1401.2** Serial No. **CS-3944** Yr. Inst. _____
 Code/Div. **ASME VIII.Div 1** Size: **60in. x 25ft.** Manufacturer: **NATCO CANADA** Yr. Blt. **1990**
 C. Stamp: **U** Service: **SWEET** PWHT: **HT** Radiography: **RT-1** Insulated: **NO**

Design & Materials Data

HEAD:
 Top Mat'l. **SA 516 70N** Top Norm. **56.5mm** Top C.A. **1.6mm**
 Btm. Mat'l. _____ Btm. Norm. _____ Btm. C.A. _____
CHANNEL:
 Material: _____ Nominal: _____ C.A. _____
BOOT
 Head Mat'l. _____ Head Norm. _____ Head C.A. _____
 Shell Mat'l. _____ Shell Norm. _____ Shell C.A. _____
SHELL
 Material: **SA 516 70N** Nominal: **57.2mm** C.A. **1.6mm**
 MAWP Shell Side: **7929 kPa** Ⓢ Temp. **66°C**
 MAWP Tube Side: _____ Ⓢ Temp. _____

CLIENT	CANADIAN NATURAL RESOURCES	
FACILITY	KARR CREEK NORTH FIELD LSD 15-36-65-04 W6M	
ITEM	GLYCOL CONTACTOR	
BY: CS	DATE: 09/2005	DWG.# 80

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: GLYCOL CONTACTOR
CRN#: K-1401.2
PROV REG: A 2669283
TESTED ON STREAM

FACILITY: KARR CREEK NORTH FIELD
SERVICE: SOUR
LOCATION: 15-36-65-04 W6M
RTD JOB #: 05.004227
REFER TO DRAWING: 80

Test Point	THICKNESS DATA		Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
905	Description: TOP HEAD									
	2005	8								
Min. Thick.	58.1		54.9		1.6	56.5				L
Average:	58.2						0	0		L
Analysis:										
910	Description: UPPER SHELL									
	2005	8								
Min. Thick.	58.1		55.6		1.6	57.2				L
Average:	58.2						0	0		L
Analysis:										
915	Description: MID SHELL									
	2001	5	2005	8						
Min. Thick.	58.4	58.1	55.6		1.6	57.2	.07	.07		L 2041
Average:	58.6	58.4					.05	.05		L
Analysis:										
920	Description: SHELL AT UPPER L/L									
	2005	8								
Min. Thick.	58		55.6		1.6	57.2				L
Average:	58.1						0	0		L
Analysis:										
925	Description: LOWER SHELL AT L/L									
	2005	8								
Min. Thick.	58		55.6		1.6	57.2				L
Average:	58.2						0	0		L
Analysis:										
930	Description: BOTTOM HEAD									
	2005	8								
Min. Thick.	58.8		54.9		1.6	56.5				L
Average:	60.8						0	0		L
Analysis:	2005/08 MIN SCAN AT SKIRT.									

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: GLYCOL CONTACTOR
CRN#: K-1401.2
PROV REG: A 2669283
TESTED ON STREAM

FACILITY: KARR CREEK NORTH FIELD
SERVICE: SOUR
LOCATION: 15-36-65-04 W6M
RTD JOB #: 05.004227
REFER TO DRAWING: 80

Test Point	THICKNESS DATA				Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
935	Description: 2" 90° DRAIN NOZZLE											
	2005 8											
Min. Thick.	4.9				3.9		1.6	5.5				L
Average:	5.3								0	0		L
Analysis:	2005/08 MIN SCAN AT MID APEX.											

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: GLYCOL CONTACTOR PIPING
CRN#:
PROV REG:
TESTED ON STREAM

FACILITY: KARR CREEK NORTH FIELD
SERVICE: SOUR
LOCATION: 15-36-65-04 W6M
RTD JOB #: 05.004227
REFER TO DRAWING: 80

Test Point	THICKNESS DATA				Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
940												
Description:	10" 90° ELBOW											
	2001	5	2005	8								
Min. Thick.	14.7		14.6		13.21		1.9	15.1	.02	.02		L
Average:	15.2		15.2						0	0		L
Analysis:	2005/08 MIN SCAN AT MID APEX.											