



COIL 2 B-60.234578T

Equip. No. _____ Prov. Reg. No. ④ 468477 C.R.N. B-59.213457 Serial No. 001085-003-V1 Yr. Inst. _____
 Code/Div. ASME B31.3 Size: 36in x 14ft Manufacturer: BLACK, SIVALLS & BRYSON Yr. Bld. 2001
 C. Stamp: _____ Service: SOUR PWHT: NIL Radiography: RT-1 Insulated: _____

Design & Materials Data

HEAD:
 Top Mat'l. SA 36 Top Nom. 6.4mm Top C.A. _____
 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: 6.4mm C.A. _____
 MAWP Shell Side: 23269 kPa COIL 1 @ Temp. 93°C
 MAWP Tube Side: 10790 kPa COIL 2 @ Temp. 93°C

CLIENT	CANADIAN NATURAL RESOURCES	
FACILITY	KNOPCIK GAS GATHERING LSD 11-18-73-10 W6M	
ITEM	WELLHEAD & LINE HEATER	
BY: TR/CM	DATE: 2011/03	DWG.# 93

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: WELLHEAD & LINE HEATER
CRN#:
PROV REG: A 468477
TESTED ON STREAM

FACILITY: KNOPCIK GAS GATHERING
SERVICE: SOUR
LOCATION: 11-18-73-10 W6M
RTD JOB #: 10.110056
REFER TO DRAWING: 93

Test Point	THICKNESS DATA				Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
105												
Description:	2" 90° ELBOW											
	2011 3											
Min. Thick.	10.5	9.71	1.4	11.10								L
Average:	10.8				0	0						L
Analysis:												
110												
Description:	2" 90° ELBOW											
	2011 3											
Min. Thick.	11	9.71	1.4	11.10								L
Average:	11.2				0	0						L
Analysis:												
115												
Description:	2" 90° ELBOW											
	2011 3											
Min. Thick.	11.1	9.71	1.4	11.10								L
Average:	11.3				0	0						L
Analysis:												
120												
Description:	2" 90° ELBOW											
	2011 3											
Min. Thick.	10.8	9.71	1.4	11.10								L
Average:	11.1				0	0						L
Analysis:												
125												
Description:	2" 90° ELBOW											
	2011 3											
Min. Thick.	8.3	7.61	1.1	8.70								L
Average:	8.6				0	0						L
Analysis:												
130												
Description:	3" 90° ELBOW											
	2011 3											
Min. Thick.	7.4	6.65	1	7.60								L
Average:	7.6				0	0						L
Analysis:												

UTS DATA

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TESTED ON STREAM

FACILITY: KNOPCIK GAS GATHERING
SERVICE: SOUR
LOCATION: 11-18-73-10 W6M
RTD JOB #: 10.110056
REFER TO DRAWING: 93

Test Point	THICKNESS DATA		Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
135	Description: 3" 90° ELBOW 2011 3									
	Min. Thick.	7.4	6.65		1	7.60				L
	Average:	7.7					0	0		L
	Analysis:									
140	Description: 3" 90° ELBOW 2011 3									
	Min. Thick.	7.5	6.65		1	7.60				L
	Average:	7.7					0	0		L
	Analysis:									
145	Description: 3" 90° ELBOW 2011 3									
	Min. Thick.	7.3	6.65		1	7.60				L
	Average:	7.6					0	0		L
	Analysis:									
150	Description: 3" 90° ELBOW 2011 3									
	Min. Thick.	7.3	6.65		1	7.60				L
	Average:	7.6					0	0		L
	Analysis:									