



COIL 2 T-1996.213

DH)15-34-73-10 W6M

Equip. No. _____ Prov. Reg. No. Ⓐ 557230 C.R.N. T-1546.231 Serial No. 147-59-06 Yr. Inst. _____
 Code/Div. ASME B31.3 Size: 36in x 15ft Manufacturer: MAR-QUINN Yr. Blt. 2006
 C. Stamp: _____ Service: SOUR PWHT: HT Radiography: RT-1 Insulated: 50%

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: 9308 kPa COIL 2 @ Temp. 93°C

CLIENT	CANADIAN NATURAL RESOURCES	
FACILITY	KNOPCIK GAS GATHERING LSD 09-34-73-10 W6M	
ITEM	LINE HEATER	
BY: TR/CM	DATE: 2011/03	DWG.# 111

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: LINE HEATER
CRN#: T-1546.231
PROV REG: A 557230
TESTED ON STREAM

FACILITY: KNOPCIK GAS GATHERING
SERVICE: SOUR
LOCATION: 09-34-73-10 W6
RTD JOB #: 10.110056
REFER TO DRAWING: 111

Test Point	THICKNESS DATA		Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
26505										
Description:	TOP SHELL									
	2011	3								
Min. Thick.	6.4		6.40			6.40				L 2011
Average:	6.6						0	0		L
Analysis:										

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: LINE HEATER PIPING
CRN#:
PROV REG:
TESTED ON STREAM

FACILITY: KNOPCIK GAS GATHERING
SERVICE: SOUR
LOCATION: 09-34-73-10 W6
RTD JOB #: 10.110056
REFER TO DRAWING: 111

Test Point	THICKNESS DATA				Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
26515												
Description: 3" 90° ELBOW												
2011 2												
Min. Thick.	14.6	9.71	1.4	11.10							L	
Average:	14.9				0	0					L	
Analysis:												
26530												
Description: 3" 90° ELBOW												
2011 3												
Min. Thick.	7.3	6.65	1	7.60							L	
Average:	7.6				0	0					L	
Analysis:												
26535												
Description: 3" 90° ELBOW												
2011 3												
Min. Thick.	7.5	6.65	1	7.60							L	
Average:	7.8				0	0					L	
Analysis:												
26550												
Description: 3" 90° ELBOW												
2011 3												
Min. Thick.	7.8	6.65	1	7.60							L	
Average:	8.1				0	0					L	
Analysis:												
26555												
Description: 3" 90° ELBOW												
2011 2												
Min. Thick.	7.4	6.65	1	7.60							L	
Average:	7.7				0	0					L	
Analysis:												
26560												
Description: 3" 90° ELBOW												
2011 3												
Min. Thick.	7.6	6.65	1	7.60							L	
Average:	7.9				0	0					L	
Analysis:												