



COIL 2 N-5297.213

Equip. No. \_\_\_\_\_ Prov. Reg. No. Ⓐ 499345 C.R.N. N-5965.213 Serial No. 03-3974-1 Yr. Inst. \_\_\_\_\_  
 Code/Div. ASME B31.3 Size: 36in x 14ft Manufacturer: OPSCO ENERGY IND. Yr. Blt. 2003  
 C. Stamp: \_\_\_\_\_ Service: SOUR PWHT: HT Radiography: RT-1 Insulated: 75%

**Design & Materials Data**

HEAD:  
 Top Mat'l. SA 36 Top Nom. 9.5mm 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: 9.5mm C.A. \_\_\_\_\_  
 MAWP Shell Side: 38321 kPa COIL 1 @ Temp. 121°C  
 MAWP Tube Side: 11169 kPa COIL 2 @ Temp. 93°C

CLIENT	CANADIAN NATURAL RESOURCES	
FACILITY	KNOPCIK GAS GATHERING LSD 07-05-73-10 W6M	
ITEM	LINE HEATER	
BY: TR/CM	DATE: 2011/03	DWG.# 102



# UTS DATA

**CLIENT:** CANADIAN NATURAL RESOURCES  
**EQUIPMENT:** LINE HEATER PIPING  
**CRN#:**  
**PROV REG:** A 499345  
**TESTED ON STREAM**

**FACILITY:** KNOPCIK GAS GATHERING  
**SERVICE:** SOUR  
**LOCATION:** 07-05-73-10 W6M  
**RTD JOB #:** 10.110056  
**REFER TO DRAWING:** 102

Test Point	THICKNESS DATA				Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
<b>205</b>												
Description: 3" 90° ELBOW												
2011 3												
Min. Thick.	11.1	9.71	1.4	11.10								L
Average:	11.4							0	0			L
Analysis:												
<b>210</b>												
Description: 2" 90° ELBOW												
2011 3												
Min. Thick.	9.7	7.61	1.1	8.70								L
Average:	9.9							0	0			L
Analysis:												
<b>215</b>												
Description: 2" 90° ELBOW												
2011 3												
Min. Thick.	9.1	7.61	1.1	8.70								L
Average:	9.4							0	0			L
Analysis:												
<b>225</b>												
Description: 3" 90° ELBOW												
2011 3												
Min. Thick.	7.2	6.65	1	7.60								L
Average:	7.5							0	0			L
Analysis:												
<b>230</b>												
Description: 3" 90° ELBOW												
2011 3												
Min. Thick.	7.7	6.65	1	7.60								L
Average:	7.9							0	0			L
Analysis:												