



Equip. No. \_\_\_\_\_ Prov. Reg. No. **A** 244015 C.R.N. E-9866.213 Serial No. 4368-50 Yr. Inst. \_\_\_\_\_  
 Code/Div. ASME B31.3 Size: 52in x 15ft Manufacturer: PRESSON MANUFACTURING Yr. Blt. 1988  
 C. Stamp: \_\_\_\_\_ Service: SOUR PWHT: HT Radiography: RT-1 Insulated: 60%

**Design & Materials Data**

**HEAD:**  
 Top Mat'l. SA 36 Top Nom. 4.8mm 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: 4.8mm C.A. \_\_\_\_\_  
 MAWP Shell Side: 21622 kPa COIL 1 @ Temp. 93°C  
 MAWP Tube Side: 10312 kPa COIL 2 @ Temp. 93°C

CLIENT	CANADIAN NATURAL RESOURCES	
FACILITY	KNOPCIK GAS GATHERING LSD 13-19-73-10 W6M	
ITEM	LINE HEATER	
BY: TR/CM	DATE: 2011/03	DWG.# 105



# UTS DATA

**CLIENT:** CANADIAN NATURAL RESOURCES  
**EQUIPMENT:** LINE HEATER PIPING  
**CRN#:**  
**PROV REG:** A 244015  
**TESTED ON STREAM**

**FACILITY:** KNOPCIK GAS GATHERING  
**SERVICE:** SOUR  
**LOCATION:** 13-19-73-10 W6M  
**RTD JOB #:** 10.110056  
**REFER TO DRAWING:** 105

Test Point	THICKNESS DATA			Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
<b>11750</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>17705</b>											
Description: 3" 90° ELBOW											
2011 3											
Min. Thick.	9.2			6.21		.9	7.10				L
Average:	10.2							0	0		L
Analysis: 2011/03 MIN SCAN @ MID ELBOW, MID APEX.											
<b>17710</b>											
Description: 3" 90° ELBOW											
2011 3											
Min. Thick.	11.5			9.71		1.4	11.10				L
Average:	11.8							0	0		L
Analysis:											
<b>17725</b>											
Description: 2" 90° ELBOW											
2011 3											
Min. Thick.	8.2			7.61		1.1	8.70				L
Average:	8.5							0	0		L
Analysis:											
<b>17730</b>											
Description: 2" 90° ELBOW											
2011 3											
Min. Thick.	8.4			7.61		1.1	8.70				L
Average:	8.7							0	0		L
Analysis:											
<b>17745</b>											
Description: 3" 90° ELBOW											
2011 3											
Min. Thick.	7			6.65		1	7.60				L
Average:	7.3							0	0		L
Analysis:											

