



Equip. No. \_\_\_\_\_ Prov. Reg. No. 475002 C.R.N. K-1977.12 Serial No. 126-77-01-C Yr. Inst. \_\_\_\_\_  
 Code/Div. ASME B31.3 Size: 36in x 20ft Manufacturer: MAR-QUINN INDUSTRIES Yr. Bld. 2001  
 C. Stamp: \_\_\_\_\_ Service: SOUR PWHT: HT Radiography: RT-1 Insulated: YES

**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: 20340 kPa COIL 1 @ Temp. 93°C  
 MAWP Tube Side: 13962 kPa COIL 2 @ Temp. 93°C

CLIENT	CANADIAN NATURAL RESOURCES
FACILITY	KNOPCIK GAS GATHERING LSD 16-06-73-10 W6M
ITEM	LINE HEATER/WELLHEAD & OUTLET RISER
BY: TR/IM	DATE: 2011/03 DWG.# 125





# UTS DATA

**CLIENT:** CANADIAN NATURAL RESOURCES  
**EQUIPMENT:** WELLHEAD/OUTLET RISER PIPING  
**CRN#:**  
**PROV REG:**  
**TESTED ON STREAM**

**FACILITY:** KNOPCIK GAS GATHERING  
**SERVICE:** SOUR  
**LOCATION:** 16-06-73-10 W6M  
**RTD JOB #:** 10.110056  
**REFER TO DRAWING:** 125

Test Point	THICKNESS DATA				Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
<b>140</b>												
Description:	3" 90° ELBOW											
	2011 3											
Min. Thick.	6.5	6.65	4.3	1	7.60							L 2011
Average:	6.9							0	0			L
Analysis:												
<b>145</b>												
Description:	3" 90° ELBOW											
	2011 3											
Min. Thick.	7.1	6.65		1	7.60							L
Average:	7.5							0	0			L
Analysis:												
<b>150</b>												
Description:	3" 90° ELBOW											
	2011 3											
Min. Thick.	6.8	6.65		1	7.60							L
Average:	7.1							0	0			L
Analysis:												
<b>155</b>												
Description:	4" TEE											
	2011 3											
Min. Thick.	9.5	9.71		1.4	11.10							L 2011
Average:	10.2							0	0			L
Analysis:	2011/03 MIN SCAN AT D.S.W											
<b>160</b>												
Description:	3" 90° ELBOW											
	2011 3											
Min. Thick.	6.8	6.65		1	7.60							L
Average:	7.1							0	0			L
Analysis:												
<b>165</b>												
Description:	4" TEE											
	2011 3											
Min. Thick.	11.7	9.71		1.4	11.10							L
Average:	12.1							0	0			L
Analysis:												

