



Equip. No. _____ Prov. Reg. No. **438942** C.R.N. **N-9595.213** Serial No. **2133CB6** Yr. Inst. _____
 Code/Div. **ASME B31.3** Size: **54in x 20ft** Manufacturer: **PLAINS OIL LTD.** Yr. Blt. **1998**
 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: **21057 kPa** COIL **1** @ Temp. **93°C**
 MAWP Tube Side: **12500 kPa** COIL **2** @ Temp. **93°C**

CLIENT	CANADIAN NATURAL RESOURCES
FACILITY	KNOPCIK GAS GATHERING LSD 16-36-72-11 W6M
ITEM	LINE HEATER/WELLHEAD TO OUTLET RISER
BY: TR/IM	DATE: 2011/03 DWG.# 140

UTS DATA

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

FACILITY: KNOPCIK GAS GATHERING
SERVICE: SOUR
LOCATION: 16-36-72-11 W6M
RTD JOB #: 10.110056
REFER TO DRAWING: 140

Test Point	THICKNESS DATA				Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
105												
Description:	3" 90° ELBOW											
	2011 3											
Min. Thick.	10.4	9.71	1.4	11.10								L
Average:	10.7				0	0						L
Analysis:												
110												
Description:	3" 90° ELBOW											
	2011 3											
Min. Thick.	11.1	9.71	1.4	11.10								L
Average:	11.5				0	0						L
Analysis:												
120												
Description:	3" 90° ELBOW											
	2011 3											
Min. Thick.	11.2	9.71	1.4	11.10								L
Average:	11.4				0	0						L
Analysis:												
125												
Description:	3" 90° ELBOW											
	2011 3											
Min. Thick.	7.2	6.65	1	7.60								L
Average:	7.4				0	0						L
Analysis:												
130												
Description:	3" 90° ELBOW											
	2011 3											
Min. Thick.	7	6.65	1	7.60								L
Average:	7.3				0	0						L
Analysis:												
135												
Description:	3" CIRC BAND											
	2011 3											
Min. Thick.	8	6.65	1	7.60								L
Average:	8.2				0	0						L
Analysis:												

UTS DATA

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

FACILITY: KNOPCIK GAS GATHERING
SERVICE: SOUR
LOCATION: 16-36-72-11 W6M
RTD JOB #: 10.110056
REFER TO DRAWING: 140

Test Point	THICKNESS DATA	Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
140									
Description: 6" TEE									
	2011 3								
Min. Thick.	13.8	9.63		1.4	11.00				L
Average:	14.1					0	0		L
Analysis:									
145									
Description: 3" 90° ELBOW									
	2011 3								
Min. Thick.	5.5	4.81		.7	5.50				L
Average:	5.7					0	0		L
Analysis:									