



DH)13-16-74-09 W6M

Equip. No. \_\_\_\_\_ Prov. Reg. No. Ⓐ 3114502 C.R.N. M-5492.2 Serial No. 1663 H401-3 Yr. Inst. \_\_\_\_\_  
 Code/Div. ASME B31.3 Size: 54in x 20ft Manufacturer: PLAINS OIL LTD Yr. Blt. 1995  
 C. Stamp: \_\_\_\_\_ Service: SOUR PWHT: HT Radiography: RT-1 Insulated: \_\_\_\_\_

**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: 9308 kPa COIL 2 @ Temp. 93°C

CLIENT	CANADIAN NATURAL RESOURCES	
FACILITY	KNOPCIK GAS GATHERING LSD 12-16-74-09 W6M	
ITEM	LINE HEATER	
BY: TR/CM	DATE: 2011/03	DWG.# 114

# UTS DATA

**CLIENT:** CANADIAN NATURAL RESOURCES  
**EQUIPMENT:** LINE HEATER  
**CRN#:** M-5492.2  
**PROV REG:** A 3114502  
**TESTED ON STREAM**

**FACILITY:** KNOPCIK GAS GATHERING  
**SERVICE:** SOUR  
**LOCATION:** 12-16-74-9 W6M  
**RTD JOB #:** 10.110056  
**REFER TO DRAWING:** 114

Test Point	THICKNESS DATA		Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
215	Description: TOP SHELL									
	2011	3								
Min. Thick.	6.8		6.40			6.40				L
Average:	7						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:** 12-16-74-9 W6M  
**RTD JOB #:** 10.110056  
**REFER TO DRAWING:** 114

Test Point	THICKNESS DATA				Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
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205												
Description:	3" 90° ELBOW											
	2011 3											
Min. Thick.	12.4	9.71	1.4	11.10								L
Average:	12.7				0	0						L
Analysis:												
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210												
Description:	3" 90° ELBOW											
	2011 3											
Min. Thick.	12.2	9.71	1.4	11.10								L
Average:	12.5				0	0						L
Analysis:												
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220												
Description:	3" 90° ELBOW											
	2011 3											
Min. Thick.	7.8	6.65	1	7.60								L
Average:	8				0	0						L
Analysis:												
<hr/>												
225												
Description:	3" 90° ELBOW											
	2011 3											
Min. Thick.	7.7	6.65	1	7.60								L
Average:	7.9				0	0						L
Analysis:												
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