



PSV DATA
 MFG: TAYLOR
 MODEL: 82E6351311
 SERIAL: 86414-15
 SET PRES: 3792 kPa
 CAPACITY: 1909 scfm
 SERVICED BY: UNIFIED
 SERVICE DATE: 05/2005
 SIZE: 1in
 CODE STAMP: UV
 BLOCK VALVE: NO
 CRN: 0G1316.23
 LOCATION: MID SHELL
 TAG: 20406G

Equip. No. _____ Prov. Reg. No. **Ⓐ 459237** C.R.N. **K-1977.12** Serial No. **123-85-00** Yr. Inst. _____
 Code/Div. **ASME B31.3** Size: **30in x 71in** Manufacturer: **MAR-QUINN** Yr. Bld. **2000**
 C. Stamp: **NO** Service: **SOUR** PWHT: **YES** Radiography: **RT-1** Insulated: **80%**

Design & Materials Data

HEAD:
 Top Mat'l. **SA 36** Top Nom. **6.4mm** Top C.A. **1.6mm**
 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 63** Nominal: **6.4mm** C.A. **1.6mm**
 MAWP Shell Side: **13962 kPa** @ Temp. **93°C**
 MAWP Tube Side: **20340 kPa** @ Temp. **93°C**

CLIENT	CANADIAN NATURAL RESOURCES	
FACILITY	SADDLE HILLS GAS GATHERING 13-27-75-7 W6M	
ITEM	LINE HEATER	
BY: LR	DATE: 05/2005	DWG.# 82

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: LINE HEATER
CRN#: K-1977.12
PROV REG: A 459237
TESTED ON STREAM

FACILITY: SADDLE HILLS GAS GATHERING
SERVICE: SOUR
LOCATION: 13-27-75-07 W6M
RTD JOB #: 10.110674
REFER TO DRAWING: 82

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
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225

Description: LOWER SHELL

2005 5 2008 5 2011 9

Min. Thick. 6.7 6.2 6.2 4.80 1.6 6.40 0 .08

Average: 6.8 6.4 6.4 0 .06

Analysis:

227

Description: UPPER SHELL

2008 5 2011 9

Min. Thick. 6.2 6 4.80 1.6 6.40 .06 .06

Average: 6.3 6.2 .03 .03

Analysis:

UTS DATA

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

FACILITY: SADDLE HILLS GAS GATHERING
SERVICE: SOUR
LOCATION: 13-27-75-07 W6M
RTD JOB #: 10.110674
REFER TO DRAWING: 82

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
205	Description: 3" 90° ELBOW											
	2005	5	2008	5	2011	9						
Min. Thick.	7		5.8		13.3		6.65	1	7.60	0	0	
Average:	7.5		6.5		13.9					0	0	
Analysis:	05/2005-MIN SCAN AT MID APEX, MID ELBOW											
210	Description: 3" 90° ELBOW											
	2005	5	2008	5	2011	9						
Min. Thick.	8		7.7		7.7		6.65	1	7.60	0	.05	
Average:	8.3		8.1		8.1					0	.03	
Analysis:	2008/05 MIN SCAN AT MID ELBOW, MID APEX											
215	Description: 3" 90° ELBOW											
	2005	5	2008	5	2011	9						
Min. Thick.	8		7.1		7.1		6.65	1	7.60	0	.14	
Average:	8.3		7.5		7.5					0	.13	
Analysis:	2008/05 MIN SCAN AT MID ELBOW, MID APEX											
220	Description: 3" 90° ELBOW											
	2008	5	2011	9								
Min. Thick.	7.6		7.6				6.65	1	7.60	0	0	
Average:	8		8							0	0	
Analysis:	2008/05 MIN SCAN AT MID ELBOW, MID APEX											