



**PSV DATA**

MFG: TAYLOR  
 MODEL: 82E7551311  
 SERIAL: 86191-32  
 SET PRES: 3448 kPa  
 CAPACITY: 1830 scfm  
 SERVICED BY: BLACK GOLD  
 SERVICE DATE: 02/2002  
 SIZE: 1in x1in  
 CODE STAMP: UV  
 BLOCK VALVE: NO  
 CRN: G1316.23419087YT  
 LOCATION: N/S  
 TAG: G-9566

PSV FOR FUEL GAS LINE IN

Equip. No. \_\_\_\_\_ Prov. Reg. No. **A 481338** C.R.N. **K-1977.12** Serial No. **126-98-01-C** Yr. Inst. \_\_\_\_\_  
 Code/Div. **ASME B31.3** Size: \_\_\_\_\_ Manufacturer: **MAR-QUINN** Yr. Blt. **2001**  
 C. Stamp: **NO** Service: **SOUR** PWHT: **YES** Radiography: **100%** Insulated: **3/4**

**Design & Materials Data**

**HEAD:**  
 Top Mat'l. \_\_\_\_\_ Top Nom. \_\_\_\_\_ 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: \_\_\_\_\_ Nominal: \_\_\_\_\_ C.A. \_\_\_\_\_  
 MAWP Shell Side: **20340 kPa** @ Temp. **93°C**  
 MAWP Tube Side: **13962 kPa** @ Temp. **93°C**

<b>CLIENT</b> CANADIAN NATURAL RESOURCES LTD.		
<b>FACILITY</b> SADDLE HILLS GAS GATHERING 4-23-75-7 W6M		
<b>ITEM</b> LINE HEATER		
BY: LR	DATE: 05/2005	DWG.# 51

# UTS DATA

**CLIENT:** CANADIAN NATURAL RESOURCES  
**EQUIPMENT:** LINE HEATER  
**CRN#:** K-1977.12  
**PROV REG:** A 481338  
**TESTED ON STREAM**

**FACILITY:** SADDLE HILLS GAS GATHERING  
**SERVICE:** SOUR  
**LOCATION:** 04-23-75-07 W6M  
**RTD JOB #:** 10.110674  
**REFER TO DRAWING:** 51

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
235												
Description: LOWER SHELL												
	2005	5	2011	9								
Min. Thick.	6.7		6.4		0.00				.05		.05	
Average:	6.8		6.5						.05		.05	
Analysis:												
240												
Description: TOP SHELL												
	2011		9									
Min. Thick.	6.1				0.00							
Average:	6.4								0		0	
Analysis: 09/2011 NEW POINT.												

# UTS DATA

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

**FACILITY:** SADDLE HILLS GAS GATHERING  
**SERVICE:** SOUR  
**LOCATION:** 04-23-75-07 W6M  
**RTD JOB #:** 10.110674  
**REFER TO DRAWING:** 51

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
<b>205</b>												
Description:	3" 45° ELBOW											
	2005	5	2011	9								
Min. Thick.	10.8		10.5		9.71		1.4	11.10	.05		.05	
Average:	11.6		10.9						.11		.11	
Analysis:	2005-05 MIN SCAN AT MID APEX.											
<b>210</b>												
Description:	3" 90° ELBOW											
	2005	5	2011	9								
Min. Thick.	7.4		6.8		6.65	6.2	.9	7.60	.09		.09	
Average:	8.4		7.2						.19		.19	
Analysis:	2005-05 MIN SCAN AT MID APEX. 2011/09 RETIREMNT DATE 2019.											
<b>215</b>												
Description:	3" 90° ELBOW											
	2005	5	2011	9								
Min. Thick.	7		6.7		6.65	6.2	.9	7.60	.05		.05	
Average:	7.6		7.3						.05		.05	
Analysis:	2005-05 MIN SCAN AT MID APEX. 2011/09 RETIREMNT DATE 2017.											
<b>220</b>												
Description:	3" 90° ELBOW											
	2005	5	2011	9								
Min. Thick.	7.1		6.3		6.65	6.2	.9	7.60	.13		.13	
Average:	7.8		6.8						.16		.16	
Analysis:	2005-05 MIN SCAN AT MID APEX. 2011/09 RETIREMNT DATE 2012.											
<b>225</b>												
Description:	3" 90° ELBOW											
	2005	5	2011	9								
Min. Thick.	6.8		6.5		6.65	6.2	.9	7.60	.05		.05	
Average:	7.7		7						.11		.11	
Analysis:	2005-05 MIN SCAN AT MID APEX. 2011/09 RETIREMNT DATE 2014.											
<b>230</b>												
Description:	3" 90° ELBOW											
	2005	5	2011	9								
Min. Thick.	7.3		6.9		6.65		.9	7.60	.06		.06	
Average:	7.7		7.3						.06		.06	
Analysis:	2005-05 MIN SCAN AT MID APEX.											