



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**

CLIENT CANADIAN NATURAL RESOURCES LTD.		
FACILITY SADDLE HILLS GAS GATHERING 4-23-75-7 W6M		
ITEM 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
205												
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.												
210												
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.												
215												
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.												
220												
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.												
225												
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.												
230												
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.												