



**PSV DATA**  
 MFG: FARRIS  
 MODEL: 27DA33-M20  
 SERIAL: 431460-21-KE  
 SET PRES: 3792 kPa  
 CAPACITY: 245 scfm  
 SERVICED BY: JPV  
 SERVICE DATE: OCT. 30, 2003  
 SIZE: 1in x 1in  
 CODE STAMP: UV  
 BLOCK VALVE: NO  
 CRN: OG0386.9C  
 LOCATION: MIDSHELL  
 TAG: 8997

Equip. No. \_\_\_\_\_ Prov. Reg. No. **475216** C.R.N. **K-1977.12** Serial No. **126-91-01-C** Yr. Inst. \_\_\_\_\_  
 Code/Div. **ASME B31.3** Size: **30in x 49in** Manufacturer: **MAR-QUINN** Yr. Bld. **2001**  
 C. Stamp: **NO** Service: **SOUR** PWHT: **YES** Radiography: **RT-100** Insulated: **80%**

**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: **13962 kPa** @ Temp. **93°C**  
 MAWP Tube Side: **20340** @ Temp. **93°C**

CLIENT	CANADIAN NATURAL RESOURCES	
FACILITY	SADDLE HILLS GAS GATHERING 16-28-75-7 W6M	
ITEM	LINE HEATER	
BY: LR	DATE: 05/2005	DWG.# 98

# UTS DATA

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

**FACILITY:** SADDLE HILLS GAS GATHERING  
**SERVICE:** SOUR  
**LOCATION:** 16-28-75-07 W6M  
**RTD JOB #:** 10.110674  
**REFER TO DRAWING:** 98

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
<b>205</b>												
Description:	3" 90° ELBOW											
	2005	5	2011	9								
Min. Thick.	10.6		10.6		9.71		1.4	11.10	0		0	
Average:	11.4		11.4						0		0	
Analysis:	02/2005-MIN SCAN AT MID APEX											
<b>210</b>												
Description:	3" 90° ELBOW											
	2005	5	2011	9								
Min. Thick.	6.7		6.7		6.65		.9	7.60	0		0	
Average:	7.4		7.4						0		0	
Analysis:	02/2005-MIN SCAN AT MID APEX											
<b>220</b>												
Description:	3" 90° ELBOW											
	2005	5	2011	9								
Min. Thick.	7.7		7.1		6.65		.9	7.60	.09		.09	
Average:	8.3		7.7						.09		.09	
Analysis:	02/2005-MIN SCAN AT MID APEX											
<b>225</b>												
Description:	3" 90° ELBOW											
	2005	5	2011	9								
Min. Thick.	7.7		7.3		6.65		.9	7.60	.06		.06	
Average:	8.2		7.9						.05		.05	
Analysis:	02/2005-MIN SCAN AT MID APEX											
<b>230</b>												
Description:	3" 90° ELBOW											
	2005	5	2011	9								
Min. Thick.	6.8		6.8		6.65		.9	7.60	0		0	
Average:	6.9		6.9						0		0	
Analysis:												