



**PSV DATA**  
 MFG: FARRIS  
 MODEL: 266A13-120  
 SERIAL: CE-43148-2-A10  
 SET PRES: 8274 kPa  
 CAPACITY: 7774 scfm  
 SERVICED BY: UNIFIED VALVE  
 SERVICE DATE: 9/2007  
 SIZE: 1.5" 600 x 2" 150  
 CODE STAMP: UV  
 BLOCK VALVE: NO  
 CRN: 062369.50  
 LOCATION: LOWER SHELL  
 TAG: 5501G

Equip. No. \_\_\_\_\_ Prov. Reg. No. **431782** C.R.N. **M-2316.21** Serial No. **96-8664-4** Yr. Inst. \_\_\_\_\_  
 Code/Div. **ASME VIII, Div 1** Size: **24in. x 30ft.** Manufacturer: **WELLS-HALL FAB.** Yr. Blt. **1997**  
 C. Stamp: **U** Service: **SWEET** PWHT: **YES** Radiography: **RT-1** Insulated: **NO**

**Design & Materials Data**

**HEAD:**  
 Top Mat'l. **SA 516 70N** Top Nom. **27.9mm** Top C.A. **3.2mm**  
 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 516 70N** Nominal: **28.4mm** C.A. **3.2mm**  
 MAWP Shell Side: **9929 kPa** @ Temp. **54°C**  
 MAWP Tube Side: \_\_\_\_\_ @ Temp. \_\_\_\_\_

CLIENT	CANADIAN NATURAL RESOURCES LTD	
FACILITY	BONANZA COMPRESSOR STATION LSD 13-34-81-11 W6M	
ITEM	GLYCOL CONTACTOR	
BY: CB	DATE: 03/2004	DWG.# 10

# UTS DATA

**CLIENT:** CANADIAN NATURAL RESOURCES  
**EQUIPMENT:** GLYCOL CONTACTOR  
**CRN#:** M-2316.21  
**PROV REG:** A 431782  
**TESTED ON STREAM**

**FACILITY:** BONANZA COMPRESSOR STATION  
**SERVICE:** SWEET  
**LOCATION:** 13-34-81-11-W6M  
**RTD JOB #:** 105.00151  
**REFER TO DRAWING:** 10

Test Point	THICKNESS DATA				Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date		
<b>1005</b>														
Description: UPPER SHELL														
	2004	3	2009	9	2010	4								
Min. Thick.	29.3		28.1		28.1		25.2		3.2	28.4	0	.2	L	2025
Average:	29.4		28.5		28.5						0	.15	L	2032
Analysis:														
<b>1010</b>														
Description: MID SHELL														
	2004	3	2009	9	2010	4								
Min. Thick.	29.3		25.8		25.8		25.2	21	3.2	28.4	0	.58	L	2011
Average:	29.3		26.1		26.1						0	.53	L	2012
Analysis:														
<b>1015</b>														
Description: LOWER SHELL														
	2004	3	2009	9	2010	4								
Min. Thick.	29.3		26.6		26.6		25.2		3.2	28.4	0	.44	L	2013
Average:	29.4		26.7		26.7						0	.44	L	2013
Analysis:														
<b>1020</b>														
Description: BOTTOM HEAD														
	2004	3	2009	9	2010	4								
Min. Thick.	31.5		30.3		30.3		24.7		3.2	27.9	0	.2	L	2038
Average:	31.8		30.7		30.7						0	.18	L	2043
Analysis:														
<b>1025</b>														
Description: 2" CIRC. NOZZLE														
	2004	3	2009	9	2010	4								
Min. Thick.	8.2		7.8		7.8		5.5		3.2	8.7	0	.07	L	2045
Average:	8.4		8.2		8.2						0	.03	L	
Analysis: 2009/09 NO ACCESS TO 2" 90° ELBOW														

# UTS DATA

**CLIENT:** CANADIAN NATURAL RESOURCES  
**EQUIPMENT:** GLYCOL CONTACTOR PIPING  
**CRN#:**  
**PROV REG:**  
**TESTED ON STREAM**

**FACILITY:** BONANZA COMPRESSOR STATION  
**SERVICE:** SWEET  
**LOCATION:** 13-34-81-11-W6M  
**RTD JOB #:** 105.00151  
**REFER TO DRAWING:** 10

Test Point	THICKNESS DATA				Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
<b>1030</b>												
Description: <b>4" 90° ELBOW</b>												
	2004	3	2010	4								
Min. Thick.	8.8		7.2		7.53	4	1.1	8.6	.26	.26		L 2010
Average:	9		7.8						.2	.2		L 2011
Analysis:												
<b>1035</b>												
Description: <b>4" 90° ELBOW</b>												
	2004	3	2010	4								
Min. Thick.	8.1		7		7.53	4	1.1	8.6	.18	.18		L 2010
Average:	8.3		7.4						.15	.15		L 2010
Analysis:												