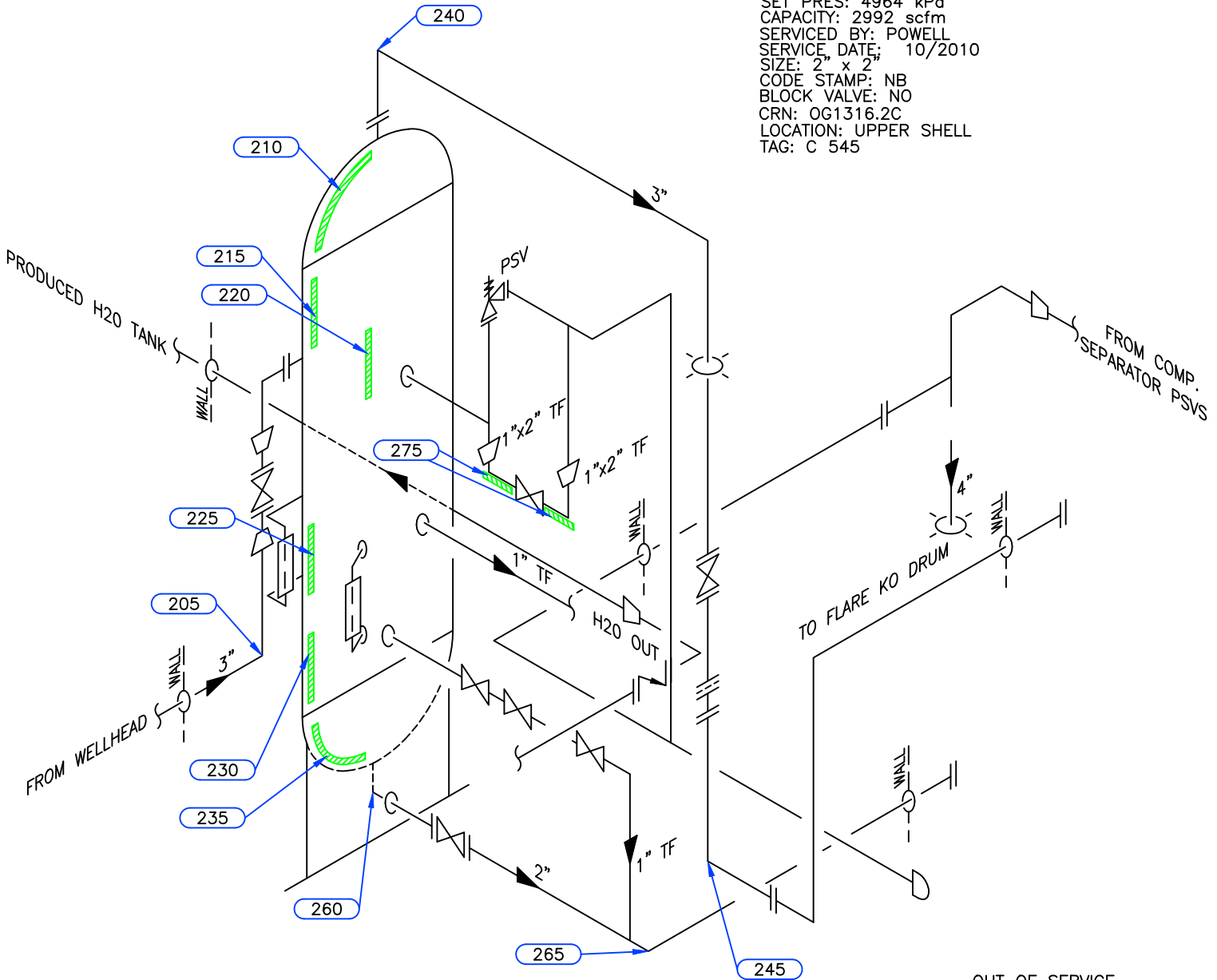


**PSV DATA**

MFG: TAYLOR  
 MODEL: T-7900-2  
 SERIAL: N/S  
 SET PRES: 4964 kPa  
 CAPACITY: 2992 scfm  
 SERVICED BY: POWELL  
 SERVICE DATE: 10/2010  
 SIZE: 2" x 2"  
 CODE STAMP: NB  
 BLOCK VALVE: NO  
 CRN: OG1316.2C  
 LOCATION: UPPER SHELL  
 TAG: C 545



OUT OF SERVICE

Equip. No. \_\_\_\_\_ Prov. Reg. No. **A** 2815118 C.R.N. K-9067.21 Serial No. 6000A-V02 Yr. Inst. \_\_\_\_\_  
 Code/Div. ASME VIII, Div 1 Size: 16in x 84in Manufacturer: NUSCO Yr. Blt. 1993  
 C. Stamp: U Service: SOUR PWHT: HT Radiography: RT-1 Insulated: NO

**Design & Materials Data**

**HEAD:**  
 Top Mat'l. SA 516 70N Top Nom. 15.9mm 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 106B Nominal: 16.7mm C.A. 3.2mm  
 MAWP Shell Side: 4964kPa @ Temp. 49°C  
 MAWP Tube Side: \_\_\_\_\_ @ Temp. \_\_\_\_\_

CLIENT	CANADIAN NATURAL RESOURCES LTD	
FACILITY	CLEARHILLS FIELD	
	LSD 06-15-88-12 W6M	
ITEM	3 PHASE SEPARATOR	
BY: LO	DATE: 06/2007	DWG.# 66

# UTS DATA

**CLIENT:** CANADIAN NATURAL RESOURCES  
**EQUIPMENT:** 3 PHASE SEPARATOR  
**CRN#:** K-9067.21  
**PROV REG:** A 2815118  
**TESTED ON STREAM**

**FACILITY:** CLEARHILLS FIELD  
**SERVICE:** SOUR  
**LOCATION:** 06-15-88-12 W6M  
**RTD JOB #:** 10.113336  
**REFER TO DRAWING:** 66

Test Point	THICKNESS DATA						Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
210														
Description:	TOP HEAD													
	2007	6	2010	7	2013	8								
Min. Thick.	15.6		15.6		15.6		12.70		3.2	15.90	0	0		
Average:	16.5		16.5		16.5						0	0		
Analysis:	2007/06 MIN SCAN AT KNUCKLE													
215														
Description:	UPPER SHELL													
	2007	6	2010	7	2013	8								
Min. Thick.	16		16		16		13.50		3.2	16.70	0	0		
Average:	16.3		16.3		16.3						0	0		
Analysis:														
230														
Description:	LOWER SHELL													
	2007	6	2010	7	2013	8								
Min. Thick.	16.4		16.4		16.4		13.50	9.4	3.2	16.70	0	0		
Average:	16.5		16.5		16.5						0	0		2153
Analysis:														
235														
Description:	BOTTOM HEAD													
	2007	6	2010	7	2013	8								
Min. Thick.	15		15		15		12.70	7.9	3.2	15.90	0	0		
Average:	16		16		16						0	0		2060
Analysis:	08/2013 MIN SCAN @ NOZZLE.													
260														
Description:	2" 90° NOZZLE													
	2007	6	2010	7	2013	8								
Min. Thick.	10.9		10.9		10.9		7.90	1.6	3.2	11.10	0	0		
Average:	11.3		11.3		11.3						0	0		2292
Analysis:	08/2013 MIN SCAN RIGHT OF APEX													

# UTS DATA

**CLIENT:** CANADIAN NATURAL RESOURCES  
**EQUIPMENT:** 3 PHASE SEPARATOR PIPING  
**CRN#:**  
**PROV REG:**  
**TESTED ON STREAM**

**FACILITY:** CLEARHILLS FIELD  
**SERVICE:** SOUR  
**LOCATION:** 06-15-88-12 W6M  
**RTD JOB #:** 10.113336  
**REFER TO DRAWING:** 66

Test Point	THICKNESS DATA						Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
<b>205</b>														
Description: 4" 90° ELBOW														
	2007	6	2010	7	2013	8								
Min. Thick.	6.6		6.6		6.6		5.25	.8	6.00	0	0			
Average:	7.4		7.4		7.4					0	0			
Analysis: 2007/06 MIN SCAN AT MID ELBOW, MID APEX														
<b>240</b>														
Description: 3" 90° ELBOW														
	2007	6	2010	7	2013	8								
Min. Thick.	5.2		5.2		5.2		4.81	1.6	.7	5.50	0	0		
Average:	5.4		5.4		5.4					0	0			
Analysis: 08/2013 RETIREMENT DATE 2085														
<b>245</b>														
Description: 3" 90° ELBOW														
	2007	6	2010	7	2013	8								
Min. Thick.	5		5		5		4.81	1.6	.7	5.50	0	0		
Average:	5.4		5.4		5.4					0	0			
Analysis: 08/2013 RETIREMENT DATE 2030														
<b>265</b>														
Description: 2" 90° ELBOW														
	2007	6	2010	7	2013	8								
Min. Thick.	4.5		4.5		4.5		4.81	1.6	.7	5.50	0	0		
Average:	4.9		4.9		4.9					0	0			
Analysis: 2007/06 MIN SCAN AT MID ELBOW RIGHT OF APEX. CRITICAL THICKNESS CALCULATIONS CARRIED OUT TO 1.4mm BUT CODE MINIMUM IS MAINTAINED AT 1.6mm. RETIREMENT DATE 2030.														
<b>275</b>														
Description: 1" BOTTOM BAND														
	2007	6	2010	7	2013	8								
Min. Thick.	4.3		4.3		4.3		4.03	1.6	.6	4.60	0	0		
Average:	4.6		4.6		4.6					0	0			
Analysis: 08/2013 RETIREMENT DATE 2067														
<b>280</b>														
Description: 4" END CAP														
	2007	6	2010	7	2013	8								
Min. Thick.	5.8		5.8		5.8		5.25	1.6	.8	6.00	0	0		
Average:	6		6		6					0	0			
Analysis: 08/2013 MIN SCAN @ KNUCKLES. RETIREMENT DATE 2139														

# UTS DATA

**CLIENT:** CANADIAN NATURAL RESOURCES  
**EQUIPMENT:** 3 PHASE SEPARATOR PIPING  
**CRN#:**  
**PROV REG:**  
**TESTED ON STREAM**

**FACILITY:** CLEARHILLS FIELD  
**SERVICE:** SOUR  
**LOCATION:** 06-15-88-12 W6M  
**RTD JOB #:** 10.113336  
**REFER TO DRAWING:** 66

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Test Point	THICKNESS DATA					Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
285													
Description:	2" BOTTOM BAND												
	2007	6	2010	7	2013	8							
Min. Thick.	5.8		5.8		5.8		4.81	.7	5.50	0		0	
Average:	6		6		6					0		0	
Analysis:													

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