



Equip. No. \_\_\_\_\_ Prov. Reg. No. Ⓐ 570619 C.R.N. T-9097.2 Serial No. C6-2611 Yr. Inst. \_\_\_\_\_  
 Code/Div. ASME VIII, DIV 1 Size: 48in x 120in Manufacturer: PETRO FIELD INDUSTRIES Yr. Bld. 2006  
 C. Stamp: U Service: SOUR PWHT: NIL Radiography: RT-2 Insulated: NO

**Design & Materials Data**

**HEAD:**  
 Top Mat'l. SA 516 70N Top Nom. 11.1mm 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: 9.5mm C.A. 3.2mm  
 MAWP Shell Side: 345 kPa @ Temp. 38°C  
 MAWP Tube Side: \_\_\_\_\_ @ Temp. \_\_\_\_\_

CLIENT	CANADIAN NATURAL RESOURCES	
FACILITY	NIG COMPRESSOR STATION	
	LSD: <u>a-43-A/94-H-04</u>	
ITEM	FLARE KNOCKOUT	
BY: CS	DATE: 05/2008	DWG.# 21

# UTS DATA

**CLIENT** CANADIAN NATURAL RESOURCES  
**EQUIPMENT** FLARE KNOCKOUT  
**CRN#** T-9097.2  
**PROV REG** A 570619  
**TESTEI** ON STREAM

**FACILITY** NIG COMPRESSOR STATION  
**SERVICE** SOUR  
**LOCATION** a-43-A/94-H-04  
**RTD JOB #** 05.001823  
**REFER TO DRAWING** 21

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
2105												
Description: LOWER HEAD												
	2008	5	2018	3								
Min. Thick.	9.3		9.3		7.90		3.2	11.10	0	0		
Average:	9.6		9.6						0	0		
Analysis:												
2110												
Description: MID SHELL												
	2008	5	2018	3								
Min. Thick.	9.8		9.7		6.30		3.2	9.50	.01	.01		
Average:	9.9		9.8						.01	.01		
Analysis:												
2115												
Description: BOTTOM SHELL												
	2008	5	2018	3								
Min. Thick.	9.7		9.7		6.30		3.2	9.50	0	0		
Average:	9.8		9.8						0	0		
Analysis:												
2120												
Description: LOWER HEAD												
	2008	5	2018	3								
Min. Thick.	9.2		9		7.90		3.2	11.10	.02	.02		
Average:	9.5		9.5						0	0		
Analysis: 2018/03 MIN SCAN AT KNUCKLE.												
2122												
Description: BOTTOM SHELL												
	2018	3										
Min. Thick.	9.7				6.30		3.2	9.50				
Average:	9.8								0	0		
Analysis:												
2124												
Description: LOWER SHELL												
	2018	3										
Min. Thick.	9.7				6.30		3.2	9.50				
Average:	9.8								0	0		
Analysis:												

# UTS DATA

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**EQUIPMENT** FLARE KNOCKOUT  
**CRN#** T-9097.2  
**PROV REG** A 570619  
**TESTEI** ON STREAM

**FACILITY** NIG COMPRESSOR STATION  
**SERVICE** SOUR  
**LOCATION** a-43-A/94-H-04  
**RTD JOB #** 05.001823  
**REFER TO DRAWING** 21

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
2125												
Description:	2" 90° NOZZLE											
	2018 3											
Min. Thick.	7.9	5.50	3.2	8.70					0	0		
Average:	8.3											
Analysis:												
2126												
Description:	BOTTOM SHELL											
	2018 3											
Min. Thick.	9.8	6.30	3.2	9.50					0	0		
Average:	9.9											
Analysis:												
2128												
Description:	TOP SHELL											
	2018 3											
Min. Thick.	9.7	6.30	3.2	9.50					0	0		
Average:	9.8											
Analysis:												
2129												
Description:	BOTTOM SHELL											
	2018 3											
Min. Thick.	9.7	6.30	3.2	9.50					0	0		
Average:	9.9											
Analysis:												
2130												
Description:	3" 90° NOZZLE											
	2018 3											
Min. Thick.	7.7	4.40	3.2	7.60					0	0		
Average:	7.7											
Analysis:												
2131												
Description:	LOWER SHELL											
	2018 3											
Min. Thick.	9.8	6.30	3.2	9.50					0	0		
Average:	9.9											
Analysis:												

# UTS DATA

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**EQUIPMENT** FLARE KNOCKOUT  
**CRN#** T-9097.2  
**PROV REG** A 570619  
**TESTEI** ON STREAM

**FACILITY** NIG COMPRESSOR STATION  
**SERVICE** SOUR  
**LOCATION** a-43-A/94-H-04  
**RTD JOB #** 05.001823  
**REFER TO DRAWING** 21

Test Point	THICKNESS DATA			Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
2132	Description: 6" FLOAT COLUMN - BOTTOM HEAD										
	2018	3									
Min. Thick.	7.2		6.20		.9		7.10			0	0
Average:	7.4										
Analysis:											
2134	Description: 2" 90° NOZZLE										
	2018	3									
Min. Thick.	7.9		5.50		3.2		8.70			0	0
Average:	8.2										
Analysis:											

# UTS DATA

**CLIENT** CANADIAN NATURAL RESOURCES  
**EQUIPMENT** FLARE KNOCKOUT PIPING  
**CRN#**  
**PROV REG**  
**TESTEI** ON STREAM

**FACILITY** NIG COMPRESSOR STATION  
**SERVICE** SOUR  
**LOCATION** a-43-A/94-H-04  
**RTD JOB #** 05.001823  
**REFER TO DRAWING** 21

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Test Point	<b>THICKNESS DATA</b>				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
2136												
Description:	2" 90° ELBOW											
	2018 3											
Min. Thick.	5.6			4.81		.7	5.50					
Average:	5.8								0		0	
Analysis:												

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