



Equip. No. _____ Prov. Reg. No. Ⓐ 3079551 C.R.N. M-6921.2 Serial No. 94-C2905-3008 Yr. Inst. _____
 Code/Div. ASME VIII, Div 1 Size: 8.625in x 30ft Manufacturer: MALONEY STEEL LTD Yr. Blt. 1995
 C. Stamp: U Service: SOUR PWHT: HT Radiography: RT1 Insulated: NO

Design & Materials Data

HEAD:
 Top Mat'l. SA 516 70N Top Nom. 11.8mm Top C.A. 3.2mm
 Btm. Mat'l. SA 516 70N Btm. Nom. 22.9mm Btm. C.A. 3.2mm
 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. 149°C
 MAWP Tube Side: _____ @ Temp. _____

CLIENT	CANADIAN NATURAL RESOURCES	
FACILITY	BEG COMPRESSOR LSD a-03-K/94-G-1	
ITEM	FLARE KNOCKOUT DRUM	
BY: CBM	DATE: 09/2010	DWG.# 19

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: FLARE KNOCKOUT DRUM
CRN#: M-6921.2
PROV REG: A 3079551
TESTED ON STREAM

FACILITY: BEG COMPRESSOR
SERVICE: SOUR
LOCATION: a-3-K/94-G-1
RTD JOB #: 105.01000
REFER TO DRAWING: 19

Test Point	THICKNESS DATA	Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
1940									
Description: 2" CIRC BAND									
2010 9									
Min. Thick.	8.6	7.6		1.1	8.7				L
Average:	8.9					0	0		L
Analysis:									
1942									
Description: BOTTOM SHELL									
2010 9									
Min. Thick.	8.2	6.3		3.2	9.5				L
Average:	9					0	0		L
Analysis: 2010/09 MIN SCAN @ CORROSION START OF BAND									

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: FLARE KNOCKOUT DRUM PIPING
CRN#:
PROV REG:
TESTED ON STREAM

FACILITY: BEG COMPRESSOR
SERVICE: SOUR
LOCATION: a-3-K/94-G-1
RTD JOB #: 105.01000
REFER TO DRAWING: 19

Test Point	THICKNESS DATA				Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
1925												
Description:	3" 90° ELBOW											
	2010 9											
Min. Thick.	7.1	6.65	1	7.6					0	0		L
Average:	7.4											L
Analysis:												
1930												
Description:	2" 90° ELBOW											
	2010 9											
Min. Thick.	5.1	4.81	.7	5.5					0	0		L
Average:	5.4											L
Analysis:												
1945												
Description:	3" CIRC BAND											
	2010 9											
Min. Thick.	10.6	9.71	1.4	11.1					0	0		L
Average:	10.9											L
Analysis:												