



TOP HEAD -- NO ACCESS

Equip. No. _____ Prov. Reg. No. 448985 C.R.N. N-3078,213 Serial No. C90041 Yr. Inst. _____
 Code/Div. ASME VIII, DIV 1 Size: 20in x 30ft APPROX Manufacturer: LARSON & D'AMICO Yr. Bilt. 1998
 C. Stamp: U Service: SOUR PWHT: HT Radiography: RT-1 Insulated: NO

Design & Materials Data

HEAD:
 Top Mat'l. SA 516 70N Top Nom. 23.8mm 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: 25.4mm C.A. 3.2mm
 MAWP Shell Side: 9928 kPa @ Temp. 38°C
 MAWP Tube Side: _____ @ Temp. _____

CLIENT	CANADIAN NATURAL RESOURCES	
FACILITY	FLAT ROCK COMPRESSOR STATION LSD 05-02-85-17 W6M	
ITEM	GLYCOL CONTACTOR	
BY: AN	DATE: 02/2011	DWG.# 14

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES LTD
EQUIPMENT: GLYCOL CONTACTOR
CRN#: N-3078.213
PROV REG: A448985
TESTED ON STREAM

FACILITY: FLATROCK COMPRESSOR STATION
SERVICE: SOUR
LOCATION: 05-02-85-17-W6M
RTD JOB #: 105.01610
REFER TO DRAWING: 14

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
1415												
Description: UPPER SHELL												
2011 2												
Min. Thick.	26.3				22.20		3.2	25.40			0	0
Average:	26.4											
Analysis:												
1420												
Description: MID SHELL												
2011 2												
Min. Thick.	26.2				22.20		3.2	25.40			0	0
Average:	26.3											
Analysis:												
1425												
Description: LOWER SHELL												
2011 2												
Min. Thick.	26.3				22.20		3.2	25.40			0	0
Average:	26.4											
Analysis:												
1430												
Description: BOTTOM HEAD												
2011 2												
Min. Thick.	24				20.60		3.2	23.80			0	0
Average:	24.1											
Analysis:												
1435												
Description: 1" 90° NOZZLE												
2011 2												
Min. Thick.	10.1				5.90		3.2	9.10			0	0
Average:	10.2											
Analysis:												

UTS DATA

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

FACILITY: FLATROCK COMPRESSOR STATION
SERVICE: SOUR
LOCATION: 05-02-85-17 W6M
RTD JOB #: 105.01610
REFER TO DRAWING: 14

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/yr	Retirement Date
1405												
Description:	2" 90° ELBOW											
	2011 2											
Min. Thick.	5.3	4.81	.7	5.50					0	0		
Average:	5.6											
Analysis:												
1410												
Description:	3" 90° ELBOW											
	2011 2											
Min. Thick.	8	6.65	1	7.60					0	0		
Average:	8.3											
Analysis:												
1440												
Description:	3" 90° ELBOW											
	2011 2											
Min. Thick.	6.9	6.65	1	7.60					0	0		
Average:	7.5											
Analysis:												