

Equip. No Prov. Reg. No. (A) <u>462576</u>	C.R.N. <u>P-6520.2</u> Serial No. <u>11796</u> Yr. Inst
Code/Div. ASME VIII, DIV1 Size: 36in x 120in Ma	nufacturer: <u>E & D PIPE PROCESS</u> Yr. Blt. <u>2001</u>
C. Stamp: U Service: SWEET	PWHT: NIL Radiography: RT-1 Insulated: 100%
Design & Materials Data HEAD: Top Mat'l. <u>SA 516 70N</u> Top Nom. <u>9.5mm</u> Top C.A.	CANADIAN NATURAL RESOURCES
Btm. Mat'l Btm. Nom Btm. C.A	
CHANNEL: Material: C.A	BATTERY
BOOT Head Mat'l Head Nom Head C.A	
Shell Mat'l Shell Nom Shell C.A SHELL	FLARE
Material: SA 516 70N Nominal: 7.9mm C.A. MAWP Shell Side: 345 kPa @ Temp. 149°C	KINULKUUI DRUM
MAWP Tube Side: @ Temp	DV AN / ID DATE O4 /2012 DWG # 1 O

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES

EQUIPMENT: FLARE KNOCKOUT DRUM

CRN#: P-6520.2 **PROV REG:** A 462576

TESTED ON STREAM

FACILITY: SPIRIT RIVER BATTERY

SERVICE: SWEET

LOCATION: 08-09-77-07 W6M

RTD JOB #:10.111662

REFER TO DRAWING: 10

Test Point		THICKNESS DATA	Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retiremen Date
1005										
Description:	LOWER HEAD									
	2012 4									
Min. Thick.	10		7.90		1.6	9.50				
Average:	10.1						0		0	
Analysis:										
1010										
Description:	MID SHELL									
	2012 4									
Min. Thick.	10		6.30		1.6	7.90				
Average:	10.1						0		0	
Analysis:										
1015										
Description:	BOTTOM SHELL	-								
	2012 4									
Min. Thick.	10.1		6.30		1.6	7.90				
Average:	10.2						0		0	
Analysis:										
1020										
Description:	LOWER HEAD									
	2012 4									
Min. Thick.	10		7.90		1.6	9.50				
Average:	10.1						0		0	
Analysis:										

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES

EQUIPMENT: FLARE KNOCKOUT DRUM PIPING

CRN#: PROV REG:

FLARE KNOCKOUT DRUM PIPING

TESTED ON STREAM

FACILITY: SPIRIT RIVER BATTERY

SERVICE: SWEET

LOCATION: 08-09-77-07 W6M

RTD JOB #:10.111662

REFER TO DRAWING: 10

Γest Point		THICKNESS DATA	Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
1025										
Description:	3" 90° ELBOW									
	2012 4									
Min. Thick.	5.4		4.81		.7	5.50				
Average:	5.6						0		0	
Analysis:										
,										