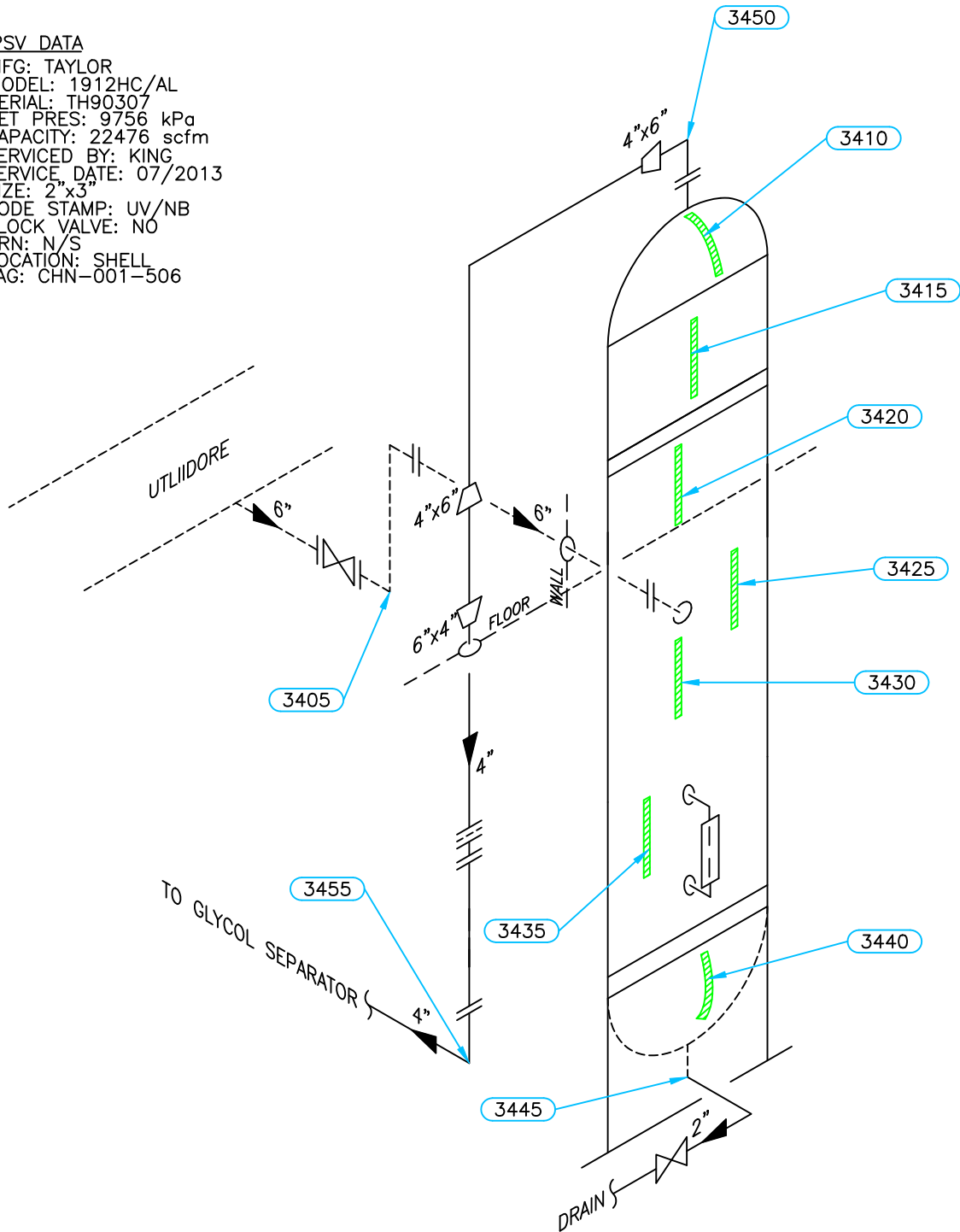


PSV DATA
 MFG: TAYLOR
 MODEL: 1912HC/AL
 SERIAL: TH90307
 SET PRES: 9756 kPa
 CAPACITY: 22476 scfm
 SERVICED BY: KING
 SERVICE DATE: 07/2013
 SIZE: 2" x 3"
 CODE STAMP: UV/NB
 BLOCK VALVE: NO
 CRN: N/S
 LOCATION: SHELL
 TAG: CHN-001-506



Equip. No. _____ Prov. Reg. No. **A 2995540** C.R.N. **M-4445.2** Serial No. **4182** Yr. Inst. _____
 Code/Div. **ASME VIII, DIV1** Size: **30in x 30ft** Manufacturer: **ARGO SALES** Yr. Bld. **1994**
 C. Stamp: **U** Service: **SOUR** PWHT: **NIL** Radiography: **RT-1** Insulated: **NO**

Design & Materials Data

HEAD:
 Top Mat'l. **SA 516 70N** Top Nom. **34.7mm** 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: **34.9mm** C.A. **3.2mm**
 MAWP Shell Side: **9756 kPa** @ Temp. **66°C**
 MAWP Tube Side: _____ @ Temp. _____

CLIENT	CANADIAN NATURAL RESOURCES LTD		
FACILITY	BOTHA GAS PLANT LSD 07-16-98-05 W6M		
ITEM	GLYCOL CONTACTOR		
BY: JH/MM	DATE: 07/2013	DWG.# 34	

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: GLYCOL CONTACTOR
CRN#: M-4445.2
PROV REG: A 2995540
TESTED ON STREAM

FACILITY: BOTHA GAS PLANT
SERVICE: SOUR
LOCATION: 07-16-98-05 W5M
RTD JOB #: 10.113193
REFER TO DRAWING: 34

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
3410												
Description: TOP HEAD												
2013 7												
Min. Thick.	34.4		31.50			3.2	34.70					
Average:	35.5							0		0		
Analysis:												
3415												
Description: UPPER SHELL												
2013 7												
Min. Thick.	35.8		31.70			3.2	34.90					
Average:	35.9							0		0		
Analysis:												
3420												
Description: UPPER SHELL												
2013 7												
Min. Thick.	35.5		31.70			3.2	34.90					
Average:	35.7							0		0		
Analysis: 07/2013 MIN SCAN ABOVE ROOF												
3425												
Description: UPPER SHELL												
2013 7												
Min. Thick.	35.9		31.70			3.2	34.90					
Average:	36							0		0		
Analysis:												
3430												
Description: MID SHELL												
2013 7												
Min. Thick.	35.7		31.70			3.2	34.90					
Average:	35.8							0		0		
Analysis:												
3435												
Description: LOWER SHELL												
2013 7												
Min. Thick.	35.5		31.70			3.2	34.90					
Average:	35.6							0		0		
Analysis:												

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: GLYCOL CONTACTOR
CRN#: M-4445.2
PROV REG: A 2995540
TESTED ON STREAM

FACILITY: BOTHA GAS PLANT
SERVICE: SOUR
LOCATION: 07-16-98-05 W5M
RTD JOB #: 10.113193
REFER TO DRAWING: 34

Test Point	THICKNESS DATA	Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
3440	Description: BOTTOM HEAD 2013 7								
Min. Thick.	34.2	31.50	28.5	3.2	34.70				
Average:	35.4					0	0		
Analysis:	07/2013 MIN SCAN @ NOZZLE RETIREMENT DATE: 2230								
3445	Description: 2" 90° NOZZLE 2013 7								
Min. Thick.	7.8	5.50		3.2	8.70				
Average:	7.9					0	0		
Analysis:									

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: GLYCOL CONTACTOR PIIPNG
CRN#:
PROV REG:
TESTED **STREAM**

FACILITY: BOTHA GAS PLANT
SERVICE: SOUR
LOCATION: 07-16-98-05 W5M
RTD JOB #: 10.113193
REFER TO DRAWING: 34

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
3405												
Description:	6" 90° ELBOW											
	2013 7											
Min. Thick.	11.7				9.60		1.4	11.00			0	0
Average:	11.9											
Analysis:												
3450												
Description:	4" 90° ELBOW											
	2013 7											
Min. Thick.	7.8				7.50		1.1	8.60			0	0
Average:	8.2											
Analysis:												
3455												
Description:	4" 90° ELBOW											
	2013 7											
Min. Thick.	8.7				7.50		1.1	8.60			0	0
Average:	9.2											
Analysis:	07/2013 MIN SCAN @ MID ELBOW, MID APEX											