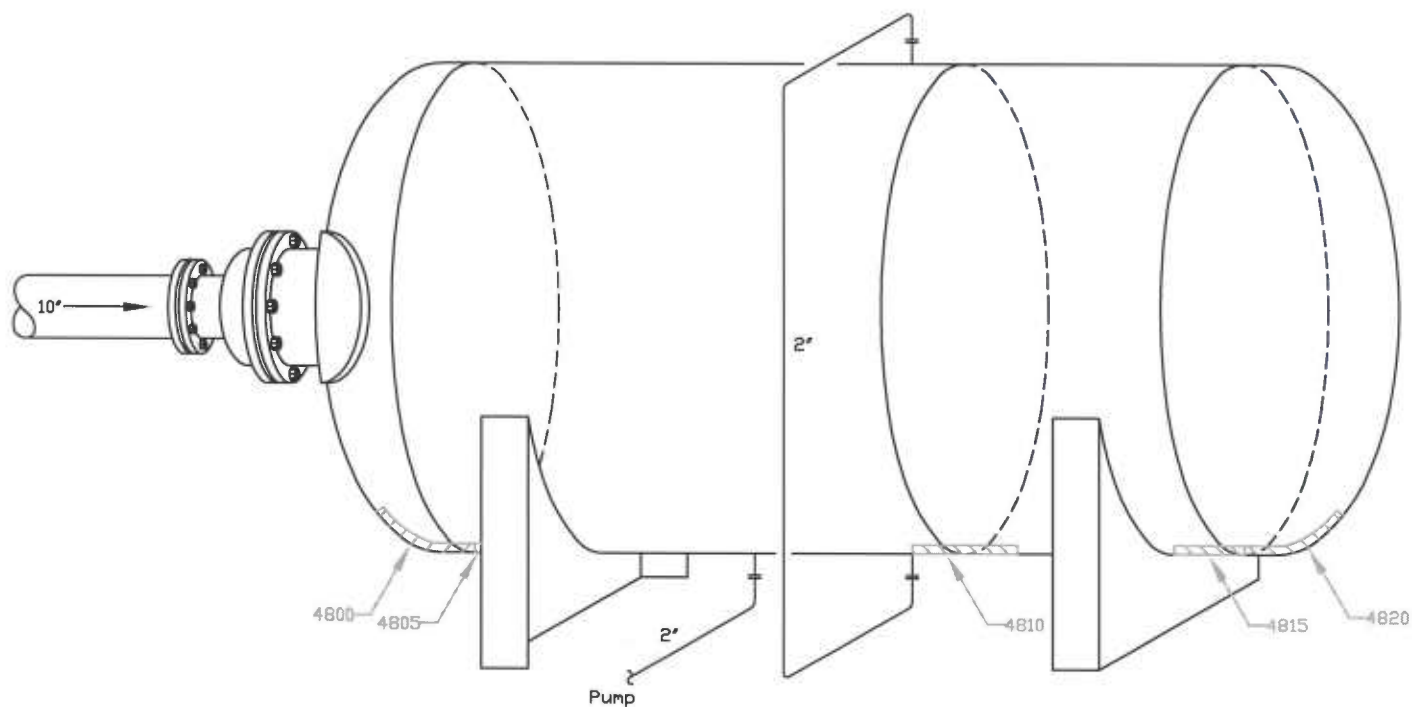




66005116

Flare K.O. Drum
Reg. No. :A 17726
Built :1968
Design :50 PSI @ 100 F
Size :84" OD x 11'
J.E. :85 %
C.A. :.063
Shell :.750 SA 212 B
Head :.688 SA 212 B

Husky Energy Inc.
Sylvan Lake Gas Plant
1-21-38-2W5

Locations: 4800 - 4820

ULTRATEST NDT Services Inc.

By: ML Date: 9/01 Dwg: 48

Index : 48 Flare K.O. Drum

Reg. # : A 17726

Nominal thickness : .688

Item : 4800 V-BAND ON BOTTOM EAST HEAD

Dwg. # : 48

Critical : .139

Service : 2 Produced Water

MWP : 50 PSI @ 100 F°

Material : SA 212 B

INSPECTION
DATES Sep
2001Temperatures F° 50
Probe selection 2

Total Loss (Mils)	Total Loss %	Avg. Loss MPY	Period Loss MPY

Top	1	.687*
	2	.697
	3	.727
Inclusion	4	.749
	5	.764
	6	.794
	7	.827
	8	.844
	9	.827
	10	.812
	11	.782
Before weld	12	.780

1*

Average Reading .774

Period Average Loss MPY

Period Maximum Loss MPY

Life Expectancy (Years)

Inclusion(s)

Index : 48 Flare K.O. Drum Reg. # : A 17726
 Item : 4805 H-BAND ON BOTTOM EAST SHELL Dwg. # : 48
 Service : 2 Produced Water MWP : 50 PSI @ 100 F'

Nominal thickness : .750
 Critical : .139
 Material : SA 212 B

INSPECTION
 DATES Sep
 2001

 Temperatures F' 50
 Probe selection 2

Total Loss (Mils)	Total Loss %	Avg. Loss MPY	Period Loss MPY

After weld	1	.764*
	2	.764*
	3	.772
	4	.772
	5	.772
	6	.775
Before Support	7	.780
	8	.780

Average Reading .772
 Period Average Loss MPY
 Period Maximum Loss MPY
 Life Expectancy (Years)

Index : 48 Flare K.O. Drum

Reg. # : A 17726

Nominal thickness : .750

Item : 4810 H-BAND ON BOTTOM MID SHELL

Dwg. # : 48

Critical : .139

Service : 2 Produced Water

MWP : 50 PSI @ 100 F°

Material : SA 212 B

INSPECTION
DATESSep
2001Temperatures F°
Probe selection50
2

Total Loss (Mils)	Total Loss %	Avg. Loss MPY	Period Loss MPY

After nozzle	1	.745*
	2	.759
	3	.767
	4	.804
After weld	5	.775
	6	.775
	7	.780
	8	.794
	9	.780
	10	.782
	11	.787
	West	12

5*

4810	4810	4810	4810
4810	4810	4810	4810
4810	4810	4810	4810

Average Reading .778

Period Average Loss MPY

Period Maximum Loss MPY

Life Expectancy (Years)

Index : 48 Flare K.O. Drum

Reg. # : A 17726

Nominal thickness : .750

Item : 4815 H-BAND ON BOTTOM WEST SHELL

Dwg. # : 48

Critical : .139

Service : 2 Produced Water

MWP : 50 PSI @ 100 F'

Material : SA 212 B

INSPECTION
DATES Sep
2001Temperatures F' 50
Probe selection 2

Total Loss (Mils)	Total Loss %	Avg. Loss MPY	Period Loss MPY

After support	1	.820
	2	.812
	3	.804
	4	.797
	5	.794*
	6	.794*
Before weld	7	.804
	8	.794*

Average Reading .802

Period Average Loss MPY

Period Maximum Loss MPY

Life Expectancy (Years)

Index : 48 Flare K.O. Drum

Reg. # : A 17726

Nominal thickness : .688

Item : 4820 V-BAND ON BOTTOM WEST HEAD

Dwg. # : 48

Critical : .139

Service : 2 Produced Water

MWP : 50 PSI @ 100 F'

Material : SA 212 B

INSPECTION
DATESSep
2001Temperatures F'
Probe selection50
2

Total Loss (Mils)	Total Loss %	Avg. Loss MPY	Period Loss MPY

Top	1	.682*
	2	.702
	3	.705
	4	.719
	5	.752
	6	.807
	7	.827
	8	.834
	9	.797
	10	.742
	11	.749
Before weld	12	.764

6*

Average Reading .757
 Period Average Loss MPY
 Period Maximum Loss MPY
 Life Expectancy (Years)