

# Tank Inspection Report

Location: 100/8-36-48-1W4M

Tank Type: Production

Date: 9-Sept-19

Mfg: Universal

Year blt: 2008

S/N: 15282-21

CAP: 1000 bbl

Floor Thk: 1/4"

Shell Thk: 1/4" X 3/16"

Roof Thk: 3/16"

Requisitioned by: Randy Chuirka

Approver: Scott Stafford

Approver Code: 2Z-02020575

WO #: 81422568

PO#: 8401358779

CC:

SAP #: 66143095

**EXTERNAL INSPECTION:**

ID	Item	Yes	Good	N/A	See Notes
	<b>GENERAL</b>				
T1	Other (Please Explain)			x	
T2	Corrosion			x	
T3	Leaks			x	
T4	Vibration			x	
T5	Dissimilar Flange Rating			x	
T6	Ladder/Stairway	x	x		
T7	Platform	x	x		
T8	Electrical Ground	x	x		
T9	Cathodic Protection			x	
T10	Painted Inactive Corrosion			x	
T11	Coating/Painting	x	x		
T12	Level Gauge	x			1
T13	Bottom	x	x		
T14	Secondary Containment	x	x		
T15	Shell	x	x		
T16	Roof	x	x		
T17	Agitator/ Mixer			x	
	<b>SUPPORTS</b>				
T31	Other (Please Explain)			x	
T32	Foundation	x	x		2
T33	Anchor Bolts			x	
T34	Windgirders			x	
	<b>CONNECTIONS</b>				
T41	Other (Please explain)				
T42	Small Branches			x	
T43	Nozzles	x	x		
T44	Pipe Manifolds			x	
T45	Swing Lines			x	
T46	Manways/Hatches	x	x		
T47	Reinforcing Pads	x	x		
T48	Inadequate Thread Engagement			x	
T49	Bolting	x	x		
T50	Flanges			x	
T51	Leak Clamps			x	
	<b>INSULATION</b>				
T61	Other (Please explain)			x	
T62	Damage			x	
T63	Penetrations	x	x		
T64	Jacket			x	
T65	Banding			x	
T66	Seals/Joints			x	
	<b>RELIEF DEVICE</b>				
T71	Other (Please explain)			x	
T72	Corrosion			x	
T73	Leaks			x	
T74	Restricted InleUOutlet			x	
T75	Manual Operation Lever			x	

INTERNAL INSPECTION:

ID	Item	Yes	Good	N/A	See Notes
	GENERAL				
T1	Other (Please Explain)			x	
T2	Corrosion			x	
T3	Erosion			x	
T4	Distortion			x	
T5	Blisters			x	
T6	Deposits	x			3
T7	Welds	x	x		
T8	Nozzles	x			4
T9	Shell	x	x		
T10	Roof	x	x		
T11	Floor	x	x		
	GENERAL				
T21	Other - Firetube	x	x		5
T21	Other - Anodes			x	
T22	Annular Ring			x	
T23	Sump			x	
T24	Roof Supports			x	
T25	Thermowells	x	x		
T26	Metallic Linings			x	
T27	Non Metallic Linings			x	
T28	Internal Steam Coil / other Piping	x			6
T29	Level Gauge	x	x		
T30	Other Welded Attachements	x	x		
	Backwelding Req'd			x	

[illegible]

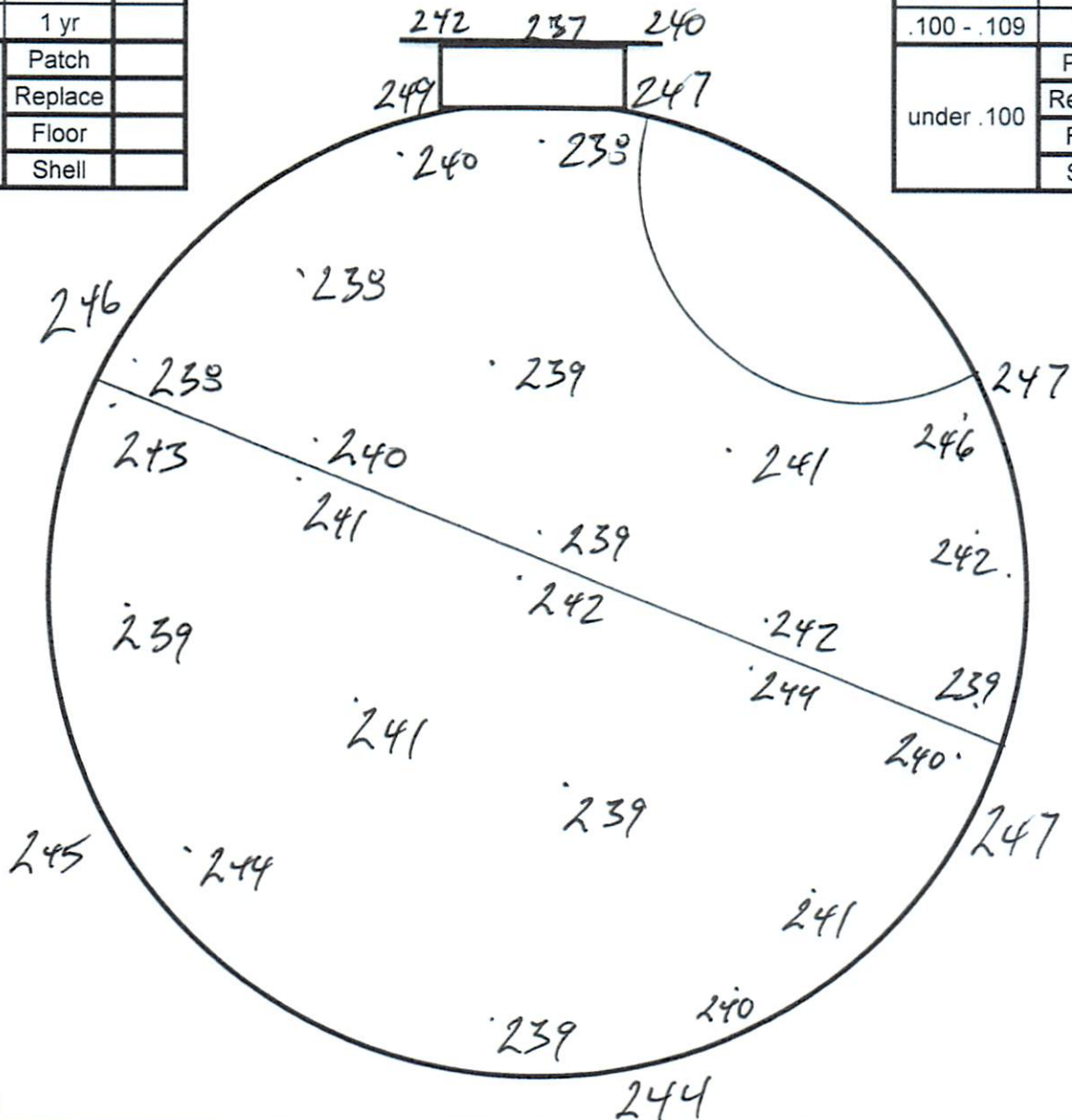


Without MFE		
.170 - up	5 yr	<input checked="" type="checkbox"/>
.160 - .169	4 yr	<input type="checkbox"/>
.150 - .159	3 yr	<input type="checkbox"/>
.140 - .149	2 yr	<input type="checkbox"/>
.130 - .139	1 yr	<input type="checkbox"/>
under .130	Patch	<input type="checkbox"/>
	Replace	<input type="checkbox"/>
	Floor	<input type="checkbox"/>
	Shell	<input type="checkbox"/>

S/N: 15282-21

Location: 100/8-36-48-1W4M

With MFE		
.140 - .150	5 yr	
.130 - .139	4 yr	
.120 - .129	3 yr	
.110 - .119	2 yr	
.100 - .109	1 yr	
under .100	Patch	
	Replace	
	Floor	
	Shell	



**Comments:**

### Repair Gauge board

clean or replace vault risers

Blow out firetube and re-inspect

### Replace Vault sting nozzle

Inspected by:

Date: 9-Sep-19

**Husky Inspector:** Terry Neufeld

Date: 25/09/2019

Type of Inspection: UT/Vis	Rev: N/A	Client: HUSKY OIL OPERATIONS	Date: 2019-Sep-09
Test Technique: o-deg		IRISNDT #: LYN1901500	WO #: 81422568
Equipment: DMS2 /Flashlight		Location: 100/8-36-48-1W4M	PO #: 8401358779
Code/Standard: Client Information		Item Inspected: Production tank	Appr# 2Z-02020575

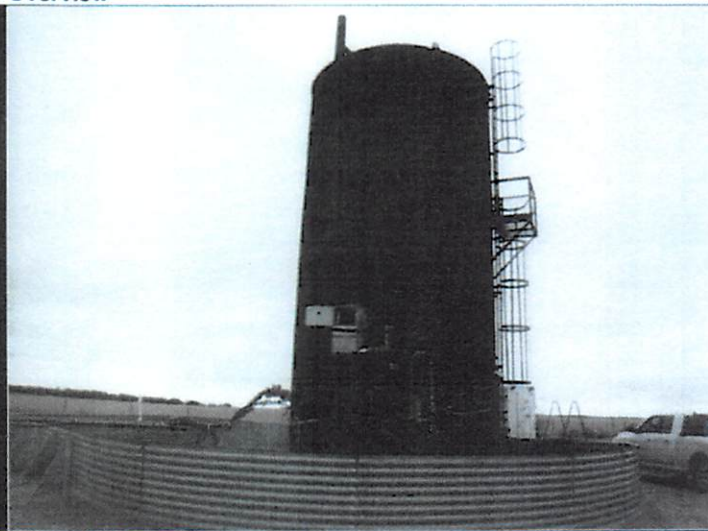
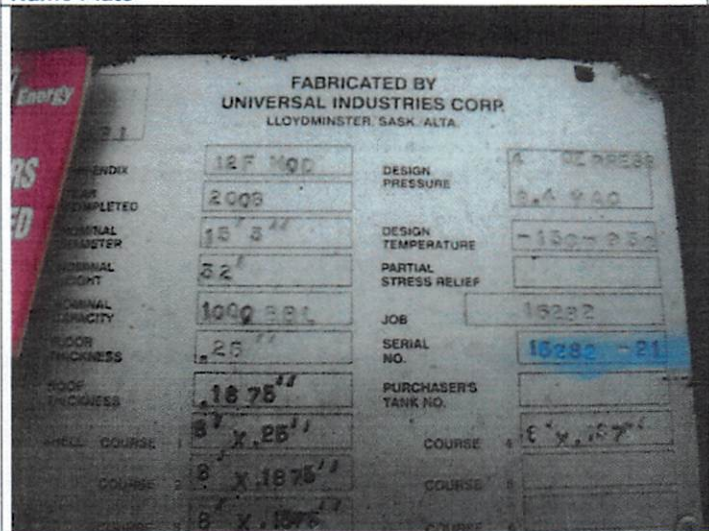
Inspection Results: Appr: Scott Stafford

Requisitioner: Randy Chuirka

A Visual examination and UT thickness check was carried out on the following 1000Bbl tank for the purpose of determining tank condition and inspection interval. See attached pages for UT thickness readings and observations.

#### Name Plate

#### Overview



#### INSPECTION RESULTS:

Blow out and re-inspect fireube

Clean or replace vault risers

Repair Gauge Board

Replace vault sting nozzle

Note Spot UT thickness readings give a General overall condition of the tank and are not a 100% Scan Method.

#### Inspection Limitation(s): First course access only

Unit#: 1039	Kilometers: 0	Consumables:	Interpretation by:
In: _____ Out: _____ Hrs: _____		min	Tristan Sommerfeld
In: _____ Out: _____ Hrs: _____			(Print)
Personnel:			(Sign)
Tristan Sommerfeld			Client Representative:
Steve White			(Print) Terry Neufeld
			I am in full agreement with report contents
			(Sign)

5311 - 86 Street NW, Edmonton, Alberta T6E 5T8 Phone (780) 437-4747 Fax (780) 436-4873  
 Calgary (403) 279-6121 Cold Lake (780) 826-6105  
 Lloydminster (780) 875-6455 Fort McMurray (780) 743-1536  
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